

Madrepora palmata, Lamk. (= *Madrepora flabellum*, Lamk. = *Madrepora alces*, Dana = *Madrepora cornuta*, Duch. and Mich. = *Madrepora thomasi*, Duch. and Mich.).
Porites astræoides, Lamk.

Porites lævigata, Duch. and Mich.
 „ *superficialis*, Duch. and Mich.
 „ *subtilis*, Duch. and Mich.
 „ *solanderi*, Duch. and Mich.
 „ *furcata*, Lamk.
 „ *incerta*, Duch. and Mich.
 „ *plumieri*, Duch. and Mich.
 „ *valida*, Duch. and Mich.

In connection with this list, however, it must be stated that very many of the species have been founded by Duchassaing and Michelotti, who, as pointed out by Pourtalès, have frequently described as new species slight varieties of well known and widely distributed forms. It is probable therefore that many of those enumerated are synonyms of old species, although the information at hand is not sufficient to determine the point with certainty.

3. ST. VINCENT, CAPE VERDE ISLANDS.

Three species of true corals which are common to the West Indian reef fauna were collected. They comprise the following:—

Astræa fragum, Esper. | *Porites superficialis*, Duch. and Mich.
Porites guadalupensis, Duch. and Mich.

They form small rounded masses, bright yellow or whitish pink in colour, growing in the numerous rock pools which are exposed at low tide.¹

4. OFF BARRA GRANDE, BRAZIL.

One species, *Orbicella cavernosa*, Esper, which is common to the West Indian reefs, was obtained at a depth of 30 fathoms. The occurrence of this definite Reef Coral in such a locality and depth is an extremely interesting fact.

5. SIMON'S BAY, CAPE OF GOOD HOPE.

Two species were obtained:—*Manicina areolata*, L.; and *Cladocora arbuscula*, Lesr., at a depth of 10 to 20 fathoms.

The latter species has been recorded already by Professor Moseley in the Report on the Deep-Sea Madreporaria, but it is included here for completeness.

The occurrence of the common West Indian Reef-Coral, *Manicina areolata*, so far south is an extremely interesting fact, to which special reference will be made in the remarks on the thermal limits to distribution.

¹ Moseley, Notes by a Naturalist on the Challenger, p. 47.