

<i>Alveopora spongiosa</i> , Dana.		<i>Dichoræa boletiformis</i> , Ten.-Woods.
<i>Synaræa informis</i> , Dana.		<i>Millepora gonagra</i> , Edw. and H.
„ <i>danæ</i> , Edw. and H.		„ <i>tortuosa</i> , Dana.
„ <i>monticulosa</i> , Dana.		„ <i>platyphylla</i> , Ehrh.
<i>Goniopora columna</i> , Dana.		„ <i>truncata</i> , Dana.

3. API, NEW HEBRIDES.

Ten species of True Corals, representing seven genera, were collected at Api namely:—

<i>Pocillopora brevicornis</i> , Lamk.		<i>Madrepora pocillifera</i> , Lamk.
<i>Goniastræa laxa</i> , n. sp.		„ <i>minima</i> , n. sp.
<i>Cyphastræa aspera</i> , n. sp.		<i>Porites tenuis</i> , Verrill.
<i>Pavonia decussata</i> , Dana.		<i>Montipora grandifolia</i> , Dana.
<i>Madrepora millepora</i> , Ehrh.		<i>Porites parvistellata</i> , n. sp.

This is the first record of any collection of Reef-Corals from this locality. The conditions under which the forms grow seem to be unfavourable to their full development, and it is probable that the species which are to be found there are but few in number—a marked contrast to their remarkable abundance in the neighbouring Fijian Islands.

With reference to the Corals of Api, Professor Moseley writes “almost everywhere the living Corals are growing only laterally, the upper surfaces being dead from want of sufficient depth of water. In some small specimens of a massive *Porites*, the consequent flattening of the top and expansion of the lateral dimensions was most excellently shown in pieces convenient for museum purposes.

“The Corals, which were few in number of species, were finer grown towards the verge of the reef, as is always the case on shore platforms, the very opposite condition to that which holds in the case of barrier reefs. In some places were deep holes in the coral platform, reminding one of glacier crevasses on a small scale, evidently arising from the loose nature of the sloping beach on which the coral structure here rests.

“A massive *Porites* was one of the Corals on the reef. Some specimens of this species were unattached, though living, being in the form of rounded masses, entirely covered by living polyps, and I suppose from time to time rolled over by the waves.”¹

Of the ten species which were collected, the following four are new:—

<i>Goniastræa laxa</i> .		<i>Madrepora minima</i> .
<i>Cyphastræa aspera</i> .		<i>Porites parvistellata</i> .

¹ Notes by a Naturalist on the Challenger, p. 343.