

feet at low water, and with it an allied larger similarly free growing Coral, *Herpetolitha*. The Mushroom Corals cover the bottom in places in such large quantities, that a cart load of them might be picked up in a very short time; I have nowhere seen them so common."<sup>1</sup>

The species collected include the following:—

<i>Acrohelix horrescens</i> , Dana.	<i>Phymastrea aspera</i> , n. sp.
<i>Pocillopora acuta</i> , Lamk.	<i>Merulina crispa</i> , Dana.
<i>Seriatopora cervina</i> , Lamk.	<i>Fungia repanda</i> , Dana.
<i>Euphyllia glabrescens</i> , Chamisso.	„ <i>plana</i> , Studer.
<i>Mussa multilobata</i> , Dana.	„ <i>confertifolia</i> , Dana.
<i>Symphyllia acuta</i> , n. sp.	„ <i>patella</i> , Ell. and Sol.
<i>Physogyra aperta</i> , n. sp.	<i>Herpetolitha crassa</i> , Dana.
<i>Ulophyllia aspera</i> , n. sp.	<i>Madrepora securis</i> , Dana.
„ <i>cellulosa</i> , n. sp.	„ <i>diffusa</i> , Verrill.
<i>Tridacophyllia manicina</i> , Dana.	„ <i>capillaris</i> , Klz.
<i>Goniastræa quoyi</i> , Edw. and H.	„ <i>tubigera</i> , Horn.
„ <i>eximia</i> , Dana.	„ <i>mirabilis</i> , n. sp.
„ <i>favistella</i> , Dana.	<i>Montipora fragilis</i> , n. sp.
„ <i>coronalis</i> , n. sp.	„ <i>levis</i> , n. sp.
<i>Astræa doreyensis</i> , Edw. and H.	<i>Anacropora gracilis</i> , n. sp.
„ <i>speciosa</i> , Dana.	<i>Porites gaimardi</i> , Edw. and H.
„ <i>pandanus</i> , Dana.	„ <i>arenosa</i> , Esper.
<i>Hydnophora demidoffi</i> , Fischer.	<i>Astreopora profunda</i> , Verrill.

This collection of Reef Corals is the first which has been made in this locality of which there is any published description, and it is perhaps due to this fact that so many of the species are new.

The following ten species are new:—

<i>Symphyllia acuta</i> .	<i>Phymastrea aspera</i> .
<i>Physogyra aperta</i> .	<i>Madrepora mirabilis</i> .
<i>Ulophyllia aspera</i> .	<i>Montipora fragilis</i> .
„ <i>cellulosa</i> .	„ <i>levis</i> .
<i>Goniastræa coronalis</i> .	<i>Anacropora gracilis</i> .

Of these, one, *Physogyra aperta*, is the type of a new genus.

<sup>1</sup> Moseley, Notes by a Naturalist on the Challenger, p. 385.