

Of these one species, *Porites bulbosa*, is a new one, while five other species are recorded for the first time, namely:—

Pocillopora verrucosa.

Stephanaria stellata.

Montipora verrucosa.

Porites lichen.

Porites tenuis.

The complete list of the Reef-Corals now known from the Sandwich Islands includes the following thirty species:—

Pocillopora cespitosa, Dana.

„ *ligulata*, Dana.

„ *nobilis*, Verrill.

„ *aspera*, Verrill.

„ *plicata*, Dana.

„ *verrucosa*, Ell. and Sol.

„ *mæandrina*, Dana.

„ *informis*, Dana.

„ *frondosa*, Verrill.

Astræa hombroni, Rousseau (?).

„ *rudis*, Verrill (?).

Cælastræa tenuis, Verrill (?).

Leptastræa stellulata, Verrill.

Cyphastræa ocellina, Dana.

Fungia paumotensis, Stutchb.

„ *verrilliana*, Quelch = *Fungia*
(*Lobactis*) *danæ*, Verrill =

Fungia dentigera, Dana,

non *Fungia dentigera*,

Leuck.

Pavonia varians, Verrill.

Stephanaria stellata, Verrill.

Dendrophyllia manni, Verrill.

Montipora capitata, Dana.

„ *verrucosa*, Lamk.

„ *patula*, Verrill.

Porites lichen, Dana.

„ *compressa*, Dana.

„ *bulbosa*, n. sp.

„ *tenuis*, Verrill.

„ *mordax*, Dana.

„ *lobata*, Dana.

Alveopora verrilliana, Dana.

Synaræa irregularis, Verrill.

It is a noteworthy peculiarity of the Coral fauna of the Sandwich Islands that no representative of the widely distributed genus *Madrepora* is found on the reefs.

11. TAHITI.

Forty species of True Corals, representing fourteen genera, and two Hydrocorals, were collected. They comprise the following:—

Pocillopora grandis, Dana.

„ *solida*, n. sp.

„ *cespitosa*, Dana.

Leptastræa ehrenbergana, Edw. and H.

„ *roissyana*, Edw. and H.

Leptastræa transversa, Klz.

„ *solida*, Edw. and H.

Fungia horrida, Dana.

„ *rugosa*, n. sp.

„ *acutidens*, Studer.