

- Pocillopora plicata*, Dana. Two specimens and fragments (Honolulu, reefs and 1 to 2 fathoms); obtained at no other locality by the Challenger.
- „ *nobilis*, Verrill. Two specimens and fragments (Honolulu reefs, 10 to 40 fathoms); obtained at no other locality by the Challenger.
- „ *verrucosa* (Ellis and Solander). One specimen and fragments (Honolulu, reefs and 1 to 2 fathoms); obtained at no other locality by the Challenger.
- Stephanaria stellata*, Verrill. One specimen (Honolulu); obtained also at Fiji.
- Montipora verrucosa* (Lamarck). A few specimens (Honolulu, reefs and 1 to 2 fathoms); obtained at no other locality by the Challenger.
- „ *capitata* (Dana). A few specimens (Honolulu, reefs and 1 to 40 fathoms); obtained at no other locality by the Challenger.
- Porites bulbosa*, n.sp. One specimen (Honolulu reefs, 1 to 2 fathoms); obtained at no other locality.
- „ *compressa*, Dana. One specimen (Honolulu); obtained at no other locality by the Challenger.
- „ *lichen*, Dana. One specimen and fragments (Honolulu, reefs and 1 to 40 fathoms); obtained at no other locality by the Challenger.
- „ *tenuis*, Verrill. (Honolulu, 1 to 2 fathoms); obtained also at New Hebrides.

HYDROIDA (Allman, Zool. pt. 70).

- Campanularia retroflexa*, n.sp. One specimen (Honolulu, 20 to 40 fathoms); obtained at no other locality.
- Cryptolaria pulchella*, n.sp. Several specimens (Honolulu, 20 to 40 fathoms); obtained at no other locality.

OPHIUROIDEA (Lyman, Zool. pt. 14).

- Ophionereis porrecta*, Lyman. (Honolulu reefs); obtained at no other locality by the Challenger.
- Ophiocoma erinaceus*, Müller and Troschel. (Honolulu reefs); obtained also at Philippines.

ECHINOIDEA (Agassiz, Zool. pt. 9).

- Phyllacanthus gigantea*, Agassiz. (Honolulu reefs); obtained at no other locality by the Challenger.
- Echinothrix turcarum* (Schynv.). (Honolulu); obtained also at Fiji.
- Astropyga pulvinata* (Lamarck). (Honolulu, 18 fathoms); obtained also at Stations 188 and 190.
- Echinometra lucunter* (Leske). (Honolulu); for distribution see Tongatabu.
- Toxopneustes pileolus* (Lamarck). (Honolulu); obtained also at Philippines.