

CEPHALOPODA (Hoyle, Zool. pt. 44).

Octopus marmoratus, n.sp. Three specimens (Honolulu reefs); obtained at no other locality.

POLYZOA (Busk, Zool. pts. 30 and 50; Waters, pt. 79).

Scrupocellaria ornithorhynchus (Wyville Thomson). (Honolulu, 20 to 40 fathoms); obtained at no other locality by the Challenger.

Steganoporella magnilabris (Busk). (Honolulu, 20 to 40 fathoms); obtained at no other locality by the Challenger. Recorded from Australia, Tongatabu, and Gulf of Florida. Fossil—Australia.

Retepora denticulata, n.sp. (Honolulu, 20 to 40 fathoms); obtained at no other locality.

„ *contortuplicata*, n.sp. (Honolulu, 20 to 40 fathoms); obtained at no other locality.

Chorizopora honolulensis, n.sp. (Honolulu, 20 to 40 fathoms); obtained at no other locality.

Smittia marsupialis, n.sp. (Honolulu, 20 to 40 fathoms); obtained also at Station 313, 55 fathoms.

Mucronella delicatula, n.sp. (Honolulu, 20 to 40 fathoms); obtained at no other locality. [Waters calls it *Smittia delicatula* (Busk)].

„ *magnifica*, n.sp. (Honolulu, 20 to 40 fathoms); obtained at no other locality.

Schizoporella furcata, n.sp. (Honolulu, 20 to 40 fathoms); obtained at no other locality.

„ *tenuis*, n.sp. (Honolulu, 20 to 40 fathoms); obtained also at the Cape.

Myriozoum honolulense, n.sp. (Honolulu, 20 to 40 fathoms); obtained at no other locality.

Cellepora honolulensis, n.sp. (Honolulu, 20 to 40 fathoms); obtained at no other locality.

„ *polymorpha*, n.sp. (Honolulu, 20 to 40 fathoms); obtained at no other locality.

„ *vagans*, n.sp. (Honolulu, 20 to 40 fathoms); obtained also at Station 148.

Idmonea radians (Lamarck). (Honolulu, 20 to 40 fathoms); obtained also at Station 172.

FISHES (Günther, Zool. pts. 6 and 78).

Zygæna malleus, Risso. (Honolulu reefs); obtained also at Tongatabu.

Dules marginatus, C.V. (Honolulu reefs and Hilo); obtained also at Fiji and Tahiti.