

H. THE SANDWICH ISLANDS.

The Challenger stayed a fortnight at Honolulu, and five days at Hilo, Hawaii. The fauna is almost purely Polynesian, although we may remember that several species from the West Coast of America have strayed as far eastwards as to reach this group. Most of the fresh-water species, on the other hand, are peculiar to this isolated group; and the Expedition obtained two Blennioids which hitherto had escaped observation.

Zygæna malleus, Risso, Reefs at Honolulu.

Dules marginatus, C. V., Hilo, Hawaii (seine). Reefs at Honolulu.

Scorpaena nuchalis, Gthr. (Fisch. d. Südsee, p. 76).

If the two following specimens really belong to this species, it is subject to variation of colour, the Sandwich Islands specimens showing no white dots on any part of their body; both, however, have a broad light band across the nape and side of the head. One of the specimens has a large black spot between the four last dorsal spines, which is absent in the other specimen. The typical specimen came from Rarotonga. Length of specimens, $2\frac{1}{2}$ to 3 inches. Reefs at Honolulu.

Cirrhites arcatus, C. V., Reefs at Honolulu.

Cirrhitichthys maculatus, Lac., Reefs at Honolulu.

Caranx crumenophthalmus, Bl., Reefs at Honolulu.

Caranx hippos, L., Hilo, Hawaii (seine).

Acanthurus blochi, C. V., Reefs at Honolulu.

Upeneus trifasciatus, Lac., Reefs at Honolulu.

Polynemus sexfilis, C. V., Hilo, Hawaii (seine).

Gobius stamineus, Valenc. (Voy. Bonite Poiss., p. 179, pl. v. fig. 5).

This is the first time that this species has been rediscovered since it was described and figured by Valenciennes. Although the figure given in the French Voyage is recognisable as far as the form is concerned, the coloration seems to be imaginary, and is certainly very different from that of the specimens before me. This species is closely allied to *Gobius ocellaris* and *crassilabris*; from the former it differs in having smaller scales on the neck, and in lacking a black dorsal spot; from the latter in having the eye placed farther back.

D. 6/11, A. 11, L. lat. 60. Fifteen longitudinal series of scales between the origin of the second dorsal and anal; scales on the neck much smaller than those on the tail; checks and opercles naked. The height of the body is four and one-half times, the length of the head thrice or thrice and one-fourth the total length (without caudal).