

Head low, flattened above, with the snout much produced, the small eye being nearer to the gill opening than to the end of the snout. Mouth horizontal, scarcely extending to the eye, with projecting upper jaw and very thick lips. Teeth in villiform bands, without canines. Interorbital space wider than the eye in old specimens, and of about the same width in younger ones. Dorsal fins lower than the body, caudal rounded; ventral terminating a long way from the vent, with broad basal membrane. Yellowish or brownish, with irregular darker spots, some in the middle of the body being arranged more or less distinctly in a longitudinal series; the rays of the dorsal fins and of the caudal with small black spots; a round spot at the root of the caudal, and an oblong one on the upper part of the root of the pectoral are rather constant. Length of specimen, 2 to 8 inches. Fresh-waters of Honolulu. Streams of Hawaii.

Gobius sandvicensis, n. sp.

D. $6\frac{1}{3}$, A. 9, L. lat. 35. Twelve longitudinal series of scales between the second dorsal and the anal. Only a few very small scales before the dorsal, the nape and the whole head being naked. The height of the body is contained five and a half times in the total length (without caudal), the length of the head four times. The head is rather broader than high, with the cheeks swollen. Interorbital space very narrow. Eye as long as the snout, which is convex. Cleft of the mouth scarcely oblique. Jaws equal in front; a curved canine tooth on each side of the jaw. Upper pectoral rays silk-like. Dorsal and anal fins of moderate height. Caudal fin obtusely rounded, not quite so long as the head. The ventral fin does not quite reach to the vent, and has the basal membrane well developed. Reddish-olive with lighter dots, and with a series of larger brown spots along the lower half of the side of the body. Vertical fins dotted with brown. Length of specimen, $1\frac{1}{2}$ inches. Honolulu, fresh-water.

Eleotris fusca, Bl., Schn., Honolulu, fresh-water.

Sicydium nigrescens, n. sp. (Pl. XXVI. fig. C).

D. 6/11, A. 11. The scales on the nape, on the anterior half of the trunk, and on the abdomen, are very small; sixteen longitudinal series may be counted between the origin of the first dorsal and anal. Head small, two-ninths of the total length (without caudal), broad, with small eye, the diameter of which is scarcely one-half of the width of the interorbital space. In the adult the third dorsal spine is prolonged into a filament, and the posterior rays of the second fin are much prolonged, so as to extend sometimes beyond the root of the caudal. Old specimens are nearly uniform black. Younger ones are sometimes of a lighter colour, with irregular and indistinct dark transverse spots and bands. Caudal without spots or bands. Length of specimen, 2 to 5 inches. Honolulu, fresh-water. Streams in the Island of Hawaii.