

exception of the abdomen) and all the fins with deep black round drops. Length of specimen,  $10\frac{3}{4}$  inches. Juan Fernandez.

*Umbrina reedi*, n. sp. (Pl. XIII. fig. B).

D.  $9\frac{1}{4}$ , A.  $\frac{2}{3}$ , L. lat., 60 ca. The height of the body is one-third of the total length (without caudal), and somewhat more than the length of the head; the diameter of the eye is two-thirds of the length of the snout, which equals the width of the interorbital space which is very convex; the intermaxillary extends beyond the middle of the orbit; barbel very short. Dorsal spines rather strong; anal spine very strong, one-third of the length of the head. The pectoral fin does not extend to the vent, and is two-thirds the length of the head. Scales very thin, covered with minute scales on the base. Undulated black lines follow the series of the scales; pectoral, ventral, and anal blackish, with broad whitish margin.

The skin of a specimen, 23 inches long, from Juan Fernandez, was presented to the British Museum some years ago by Edwin C. Reed, Esq. It agrees in every respect with the following specimen from the same locality. Length of specimen,  $20\frac{1}{2}$  inches. Juan Fernandez.

*Porichthys porosus*, C. V., Valparaiso.

*Clinus microcirrhis*, C. V., Valparaiso.

*Atherinichthys brevianalis*, n. sp.

D. 6/11, A. 15, L. lat. 67, L. transv. 16. The origin of the anterior dorsal fin is opposite to the middle or posterior third of the ventral fins, and nearer to the base of the caudal than to the end of the snout. The distance between the origins of the two dorsal fins is less than one-half of that between the origin of the posterior and the caudal. The height of the body is somewhat less than one-fifth of the total length (without caudal), the length of the head one-fourth. Scales with two or three incisions. Pectoral shorter than the head. The silvery streak occupies the eighth series of scales and a part of the adjoining one. Length of specimen, 5 inches. Valparaiso.

*Genypterus chilensis*, Guich., Valparaiso.

*Merluccius gayi*, Guich., Valparaiso.

*Clupea sagax*, Jen., Valparaiso.

*Ophichthys dicellurus*, Rich., Valparaiso.

*Muraena porphyrea*, Guich., Juan Fernandez.

*Muraenopsis porphyreus*, Guichen. in Gay, Chile, Zool., p. 342, lam. xi. fig. 2.

*Muraena porphyrea*, Steindachner, Wien. S. B., 1875, vol. lxxi. p. 464.

*Bdellostoma polytrema*, Girard, Valparaiso. Fourteen gill-openings on each side.