

*Agonus chiloensis*, Jen., Port Famine ; 10 to 15 fathoms.

*Aphritis gobio*, Gthr. (Pl. IX.).

Dr Cunningham has already had the opportunity of examining fresh examples (Trans. Linn. Soc., vol. xxvii. p. 469), and supplemented my original description (Ann. and Mag. Nat. Hist., 1861, vol. vii. p. 88), which was drawn up from dry skins. In the large, beautifully-preserved specimens collected by him and the naturalists of the Challenger, there is especially noticeable the great height of the dorsal fins, which exceeds that of the body. A short stout tentacle, which is often fringed, occupies the supero-posterior angle of the orbit, and other smaller tentacles are arranged in a series along the lower part of the side of the trunk and tail. Dr Cunningham states the colours, when fresh, to be—above, dusky brown ; sides paler, blotched with brown and orange-yellow ; under surface of head, breast, and belly orange-yellow. Length of specimens, 6 to 18½ inches. Porto Bueno Station 307 ; 147 fathoms. Tom Bay, Messier Channel. Port Famine, Station 312 ; 10 to 15 fathoms.

*Eleginus maclovinus*, C. V. Gray Harbour, Messier Channel. Port Stanley.

*Notothenia longipes*, Steindachner (Wien. S. B., 1876, vol. lxxii. p. 70, fig. 7).

The following specimens agree well with the description and figure given by Steindachner, but I count from 67 to 70 scales along the lateral line :—Length of specimens 3 to 7 inches. Station 306, Messier Channel ; 345 fathoms. Station 312, Port Famine ; 10 to 15 fathoms. Station 313, off Cape Virgins ; 55 fathoms.

*Notothenia elegans*, n. sp. (Pl. XI. fig. C).

D. 6/33, A. 31, L. lat. 53. The length of the head is one-fourth of the total (without caudal), the height of the body one-seventh. The entire head is scaleless. Snout shorter than the eye, which is two-sevenths of the length of the head ; interorbital space very narrow. Ventrals rather longer than the pectorals, and as long as the head, without snout, extending to the second anal ray. There are only two series of scales between the lateral line and the dorsal fin. Light brownish, with large transverse dark spots ; the second dorsal with four series of small blackish spots ; the first dorsal with the top salmon coloured ; the other fins without distinct ornamentation. Length of specimen, 3½ inches. Off Cape Virgins ; 55 fathoms.

*Lycodes macrops*, n. sp. (Pl. XI. fig. B).

The length of the head is a little more than that of the trunk and a little less than one-fifth of the total. Eyes large, two-sevenths of the length of the head, and longer than the snout which is broad, with the upper jaw overlapping the lower. Teeth in bands of