

at least much less than in the Fiji group towards the east, and the East Indian Archipelago towards the west. It bears thoroughly the character of the Indo-Pacific Ocean, and probably none of the characteristic forms will be found to be absent. There is but a slight admixture of specifically Australian forms, like *Cnidoglanis*. The great proportion of new forms is due to the circumstance that a very interesting collection was made at Station 192 in the Ki Islands, at a depth of 129 fathoms: which depth appears to be sufficient to ensure the discovery of distinct species. Several of the fishes obtained there are so markedly distinguished as deep-sea forms as to necessitate their removal to that series.

Trygon pastinaca, L., Arafura Sea.

Urolophus kaianus, n. sp.

No dorsal fin. Disk much broader than long; the anterior margins meeting at a very obtuse angle. Snout not projecting. Tail a little shorter than the disk. Disk entirely smooth. Uniform brownish. Distance of the extremity of the snout from the vent, $4\frac{3}{4}$ inches. Distance of the extremity of the tail from the vent, $4\frac{1}{2}$ inches. Greatest width of the disk, $5\frac{1}{2}$ inches. Ki Islands. Length of specimens, $8\frac{3}{4}$ and $9\frac{1}{4}$ inches. Station 192; 129 fathoms.

Anthias megalepis, n. sp. (Pl. XVI. fig. E).

D. $\frac{10}{8}$, A. $\frac{3}{7}$, L. lat 30, L. transv. $2\frac{1}{2}/12$. The height of the body is rather more than one-third of the total length (without caudal), the length of the head two-fifths. The diameter of the eye equals the length of the snout, and is one-fourth of that of the head. Interorbital space flat, scaly, very narrow. The maxillary extends to, or nearly to, the posterior margin of the eye. A pair of canines in the upper jaw, and a pair in the middle of the side of the lower are well developed. Præorbital very narrow, narrower than the maxillary. Præoperculum strongly serrated. Six series of scales on the cheek. Dorsal spines of moderate strength and length, not so strong as the second of the anal fin. Pectoral extending to the first soft anal ray. Rose coloured; uniform, or with irregular blackish patches on the back. Ki Islands. Length of specimens, 3 to 4 inches. Station 192; 129 fathoms.

Centropristis pleurospilus, n. sp. (Pl. XVI. fig. D).

D. $\frac{10}{8}$, A. $\frac{3}{7}$, L. lat. 44, L. transv. $\frac{3}{11}$. The height of the body is two-ninths of the total length (without caudal), the length of the head two-fifths. The diameter of the eye is longer than the snout, and more than one-fourth of the length of the head. Interorbital space one-third of the diameter of the eye. The maxillary reaches beyond the vertical from the centre of the orbit. Præoperculum rounded throughout, serrated. Operculum with two spines. Six series of scales on the cheek; a series of four or five