

opercular spines. The bands of vomerine and palatine teeth are very narrow, almost linear. Coloration nearly uniform; a few indistinct cross bands; spinous dorsal with a black margin. Length of specimens, 2 and  $8\frac{1}{2}$  inches. Arafura Sea.

*Platycephalus spinosus*, Schleg., South of New Guinea. Station 187; 6 fathoms.

*Platycephalus pristiger*, C. V., South of New Guinea. Station 187.

*Trigla leptacanthus*, n. sp. (Pl. XVIII. fig. B).

D. 8/11, A. 12. Scales exceedingly small. The præorbital and suprascapular spines are slender and very long, as long or longer than the eye. Præopercular, opercular, and humeral spines short. Interorbital space concave, equal in width to the diameter of the eye. Dorsal spines of moderate length and strength. The pectoral reaches to the sixth or seventh anal ray. Lateral lines not spiny. Light reddish; back and base of the second dorsal with scattered irregular blue ocelli. A bluish streak below the canthus rostralis. Posterior surface of the pectoral fin blue, with a white margin all round, and a large black spot at the base. Ki Islands. Length of specimens, 4 to  $4\frac{1}{2}$  inches. Station 192; 129 fathoms.

*Lepidotrigla spiloptera*, n. sp. (Pl. XVIII. fig. C).

D. 9/15, A. 15, L. lat. ca. 65. Scales very indistinctly serrated. Lateral line without spines. Anterior profile of the snout concave. Præorbital projecting in the form of a short triangular lamina. Interorbital space very concave, in width nearly equal to the vertical diameter of the eye. A deep transverse groove separates the interorbital space from the crown of the head. The spines of the dorsal fin are of moderate strength, those running along the base of the dorsal fins are well developed, lanceolate. Pectoral fin extending to the fourth anal ray. Coloration uniform reddish. Pectoral dark blue on its inner surface, with numerous white ocelli, and a white margin. In very young specimens the groove behind the eyes is but slightly indicated; the white ocelli on the pectoral fin are absent, and a blackish blotch occupies the membrane between the fourth and sixth dorsal spines. Ki Island. Length of specimens,  $3\frac{1}{2}$  to  $5\frac{1}{4}$  inches. Station 192; 129 fathoms. Arafura Sea.

*Dactylopterus orientalis*, C. V., Arafura Sea. Station 188.

*Peristethus moluccense*, Blkr. Station 192, Ki Islands; 129 fathoms.

*Pegasus natans*, L., Somerset, Cape York.

*Sillago ciliata*, C. V., Somerset, Cape York.