

Article XVI.—ON TWO NEW BLENNYS FROM FLORIDA.

BY JOHN TREADWELL NICHOLS.

***Stathmonotus tekla*¹ nov. sp.**

A single specimen (American Museum No. 2536), 19 mm. long obtained in a few inches of water on rocky shallows at Sand Key, off Key West harbor, Florida, Feb. 24, 1910; a place frequented by small Pomacentrids, wrasses, and surgeon fishes. Color tawny; orbital cirri whitish; lateral line posteriorly with linear dark red-brown marks; dark bars on cheeks. In spirits colors much faded. Body narrow and strongly compressed. Head 5 in body. Depth 6. Eye 4 in head. Mouth large, the jaws about equal. Teeth in jaws rather large, conical, curved, apparently but a single row. Body scaleless. Orbital cirrus $\frac{3}{4}$ diameter of eye, with a broad flat expanded end. Gill membranes broadly united. Lateral line present, poorly developed. Pectoral well developed, with 8 or 9 rays, about $2\frac{1}{2}$ in head. Ventral long and slender, 2 rays, placed far forward, about 2 in head. Dorsal origin about opposite middle of pectoral. The fin entirely made up of spines, shortest anteriorly, last spine joined from near its tip to the rounded caudal, which is practically unjoined to the anal fin. D. X L. A. II, 23, the spines slightly shorter than the rays.

This little fish belongs rather with the arctic than the tropical Blennys. Its occurrence at Key West would be surprising were it not that its nearest ally, *Stathmonotus hemphillii*, came from there also. From this species it differs considerably, notably in the large orbital cirrus, larger pectoral and ventral, and different fin-count.

***Blennius fabbri*² nov. sp.**

We have one small specimen (American Museum No. 2537), 15 mm. long, taken from seaweed in shallow water at Miami, Florida, Jan. 24, 1910. Color when alive, tawny, mottled, forehead white. In spirits greyish with pale blotches. Head equals depth, 3.2 in body. Eye 3 in head. Teeth comblike, in a single row in jaws. No apparent canines. Body scaleless. A simple, rather stout, pointed orbital cirrus about $\frac{1}{2}$ diameter of eye. A rather long external nasal tube. Gill membranes united, free from the isthmus. Lateral line incomplete, not reaching tip of pectoral. Pectoral about equal to head. Ventral long and slender, 1.5 in head. Dorsal XI, 18, the rays slightly longer than the spines,—the last one joined to the caudal. A.20.

This little fish looks like *B. fucorum* from which the shorter orbital cirrus, incomplete lateral line, dorsal-caudal attachment, and different color, distinguish it.

¹ *tekla* — for the yacht 'Tekla' from which the specimen was obtained, and whose owner, Mr. Alessandro Fabbri, has directed extensive fish collecting in Florida in behalf of the American Museum of Natural History.

² *fabbri* — in honor of Messrs. Ernesto G. and Alessandro Fabbri, through whose energy and generosity the American Museum has obtained this fish and many other interesting forms from Florida.

