

#### IV. SOME MARINE FISHES FROM COLOMBIA AND ECUADOR.\*

BY CHARLES WILSON.

The specimens enumerated in the present paper were collected (*a*) by C. H. Eigenmann in January of 1912 in the bay and on the shores of the Caribbean Sea at Cartagena, and in March, 1912, at Buenaventura on the Pacific shores of Colombia; (*b*) by Arthur Henn and Charles Wilson in January, 1913, at Tumaco and in the Rio Rosario, both near the southwestern corner of Colombia; and (*c*) by Arthur Henn in May, 1913, at Guayaquil, Ecuador.

The primary object of the expeditions to Colombia and Ecuador was to collect freshwater fishes. No attempt was made to make complete collections of marine fishes at any of the localities which were visited.

The work of Professor Eigenmann was under the auspices of the Indiana University and the Carnegie Museum. The types and first series collected by him are in the Carnegie Museum. The work of Mr. Henn and myself in Colombia was under the auspices of the Indiana University and was equipped and financed by Mr. H. McK. Landon and Mr. Carl G. Fisher, both of Indianapolis. The types and first series collected by us are in the collections of the Carnegie Museum, which has engaged to publish the results of these expeditions. The second series obtained by the above expeditions are in the Museum of Indiana University.

The work of Mr. Arthur Henn in Ecuador and in the lower San Juan was under the auspices of Indiana University and was financed by Mr. Hugh McK. Landon of Indianapolis. The types and first series collected by him are, for the most part, in the collections of the Indiana University, the second series is in the Carnegie Museum.

A few of the marine fishes collected by Mr. Max Ellis during the Gimbel expedition to Guiana and by Mr. John Haseman for the Carnegie Museum are also listed.

In the following list of species and specimens the numbers refer

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to the Catalog of Fishes of the Carnegie Museum (C. M.) and to that of Indiana University Museum (I. U. M.).

Family GALEIDÆ.

1. *Charcharhinus cerdale* (Gilbert).

5670 *a*, C. M.; 13508 *a*, I. U. M. Market of Guayaquil, Ecuador, May, 1913. Arthur Henn.

5671 *a*, C. M.; 13509 *a*, I. U. M. Buenaventura, Colombia. Eigenmann.

Family SPHYRNIDÆ.

2. *Sphyrna tiburo* (Linnæus).

5675 *a*, C. M.; 13514 *a*, I. U. M. Market in Guayaquil, Ecuador, May, 1913. Henn.

Family PRISTIDÆ.<sup>1</sup>

3. *Pristis pectinatus* Latham.

13512 *a*, I. U. M. Georgetown Harbor, British Guiana. Max M. Ellis.

4. *Pristis perrotteti* Valenciennes.

13513 *a*, I. U. M. Market of Guayaquil, Ecuador, May, 1913. Arthur Henn.

Family RHINOBATIDÆ.

5. *Rhinobatus leucorhynchus* Günther.

5674 *a*, C. M.; 13511 *a*, I. U. M. Tumaco, Colombia, Jan. 2, 1913. Henn & Wilson.

Family SILURIDÆ.

6. *Galeichthys simonsi* Starks.

5586 *a-f*, C. M.; 13218 *a-b*, I. U. M. Mouth of Rio Dagua, Buenaventura, Colombia. Eigenmann.

6721 *a-b*, C. M., 220-265 mm. Buenaventura. Eigenmann.

5663 *a-b*, C. M.; 13223 *a-b*, I. U. M. Tumaco, Colombia, Jan. 2, 1913. Henn & Wilson.

5664 *a*, C. M.; 13224 *a*, I. U. M. Rio Rosario, Colombia. Henn.

5665 *a*, C. M.; 13225, I. U. M. Buenaventura, Colombia. Eigenmann.

<sup>1</sup> A species of *Pristis* is abundant both in the Atrato and in the San Juan Rivers.

Genus FELICHTHYS Swainson.

This marine genus is composed of four species, two of which occur in the Pacific and two in the Atlantic. We have the two Pacific species, *F. panamensis* and *F. pinnimaculatus* from Buenaventura, and *F. pinnimaculatus*, from Guayaquil.

- a. Dorsal spine not produced in a long filament. occipital process large and shaped like a clover-leaf, anal with dark margin. Head 3.66-4.25; depth 4.66-5.5; D. 1, 7; A. 28 to 30. . . . . *panamensis* Gill.
- aa. Dorsal spine produced in a long filament, occipital process normal; anal with a large dark blotch on the anterior lobe. Head 4-4.75; depth 4-4.8; D. 1, 7; A. 28 to 30. . . . . *pinnimaculatus* Steindachner.

7. *Felichthys pinnimaculatus* (Steindachner).

*Æthrichthys pinnimaculatus* STEINDACHNER, Sitzber. Akad. Wiss. Wien, LXXIV, Ichthyol. Beitr., IV, 1875, p. 15, pl. VIII, figs. 1-3 (Panama); JORDAN & GILBERT, Bull. U. S. Fish Comm., 1882, p. 34 (Panama); Proc. U. S. Nat. Mus., 1882, p. 662 (Panama); EIGENMANN & EIGENMANN, Proc. Cal. Acad. Sci., 2d ser., Vol. I, 1888, p. 148 (Panama); South American Nematognaths, 1890, p. 35 (Panama).

*Felichthys pinnimaculatus* GILBERT & STARKS, Mem. Cal. Acad. Sci., Vol. IV, 1904, p. 20 (Panama); JORDAN & EVERMANN, Bull. U. S. Nat. Mus., No. 47, Vol. 1, 1896, p. 117.

6680 a, C. M., 453 mm. Guayaquil. Henn. 13553, I. U. M., 245 mm. Buenaventura. Eigenmann.

8. *Felichthys panamensis* (Gill).

6679 a, C. M., 305 mm. Buenaventura. Eigenmann.

9. *Sciadeichthys troscheli* (Gill).

6723 a-e, C. M., 210-240 mm.; 13554, I. U. M., 195-260. Tumaco. Henn.

10. *Netuma kessleri* (Steindachner).

6722 a, C. M., 245 mm. Buenaventura. Eigenmann.

Family SYNODONTIDÆ.

11. *Synodus scituliceps* Jordan & Gilbert.

5669 a-c, C. M.; 13506 a-c, I. U. M. Tumaco, Colombia, Jan. 2, 1913, Henn & Wilson; 13507 a, I. U. M., Guayaquil market, Henn.

The specimens from Tumaco and Guayaquil market agree with *S. jenkinsi* Jordan & Bollman, which Gilbert and Starks (California.

Academy of Sciences, Vol. IV, p. 50) consider synonymous with *S. scituliceps* Jordan & Gilbert.

Family HEMIRAMPHIDÆ.

12. **Hyporhamphus roberti** (Cuvier & Valenciennes).

13503 a, I. U. M. Market of Guayaquil, Ecuador. May, 1913. Henn.

Family SYNGNATHIDÆ.

13. **Hippocampus punctulatus** Guichenot.

5653 a, C. M.; 13430 a, I. U. M. Cartagena, Colombia. Eigenmann.

14. **Siphostoma rousseau** (Kaup).

5673 a, C. M.; 13510, I. U. M. Cartagena, Colombia. Eigenmann.

15. **Siphostoma eigenmanni** Wilson, sp. nov.

5672 a, C. M. **Type** 121 mm. Rio Vermelho, Bahia. Oct. 24, 1907. J. D. Haseman.

Body-rings eighteen, caudal rings twenty-eight, dorsal rays forty-five, commencing before the vent and extending on one-and-a-half plus seven rings. Snout slender and compressed; its length is contained one and five-eighths times in total length of head. Diameter of eye contained five and one-half times in length of snout and eight and one-fifth times in total length of head. Space from the anterior border of the orbit of eye to the posterior border of the opercle is contained one and five-eighth times in the length of snout. Head is contained in total length, including caudal, five and three-fourths times. Depth of body before dorsal is contained two times in the space between the posterior border of the opercle and the anterior border of the orbit of the eye. Distance from vent to tip of caudal is contained in the distance from vent to tip of snout one and seven-hundredths times. Keels sharp and high; each body-ring bearing two ventral, two lateral, and two dorsal keels. Lateral line interrupted above the vent. Five radiating ridges pass from the anterior border of the opercle backward and downward. The uppermost dorsal ridge passes ventral to the blotches. The three central ridges are visible without lens. The upper two-thirds of the opercle covered with brown blotches. A brown line commences on the anterior ventral border of the snout and passes backward and laterally through the eye and along the dorsal border

of the opercle and is continued as a broken line to its termination above the vent. Center of caudal rays dark. A brown line on ventral surface extends from vent to head. Color in alcohol pale, with brown blotches on the sides of each ring.

Family MUGILIDÆ.

16. **Mugil cephalus** Linnæus.

5244 *a-e*, C. M., 13204 *a-e*, I. U. M. Eighteen duplicates. Tumaco, Colombia. Henn & Wilson.

5644, C. M. Barra de Penedo. Mouth of Rio San Francisco. J. D. Haseman.

17. **Mugil brasiliensis** Agassiz.

5245 *a-b*, C. M., 13205, I. U. M. Cartagena, Colombia. Eigenmann.

18. **Mugil curema** Cuvier & Valenciennes.

5642 *a*, C. M. Cachoeira. April 17, 1908. J. D. Haseman.

5643 *a*, C. M.; 13429 *a-b*, I. U. M. Chone, Province Manabi, Ecuador. Henn.

The specimens from Ecuador examined agree with the description of *M. gaimardianus* Desmarest, but Regan in the *Biologia Centrali-Americana, Pisces*, p. 72, considers the difference between *M. curema* and *M. gaimardianus* to be due merely to individual variation.

Family POLYNEMIDÆ.

19. **Polydactylus approximans** (Lay & Bennett).

5576 *a*, C. M.; 13207 *a*, I. U. M. Buenaventura. Eigenmann.

20. **Polydactylus virginicus** (Linnæus).

5583 *a-h*, C. M.; 13208 *a-d*, I. U. M. Cartagena. Eigenmann.

5263 *a*, C. M. Cachoeira. April 17, 1908. J. D. Haseman.

5264 *a*, C. M. Rio Vermelho, Bahia. Oct. 24, 1907. J. D. Haseman.

Family HOLOCENTRIDÆ.

21. **Holocentrus ascensionis** (Osbeck).

5575 *a-b*, C. M.; 13212 *a*, I. U. M. Cartagena. Eigenmann.

Family MULLIDÆ.

22. **Upeneus grandisquamis** Gill.

5581 *a-b*, C. M.; 13206 *a*, I. U. M. Tumaco. Henn & Wilson.

## Family CARANGIDÆ.

23. *Oligoplites refulgens* Gilbert & Starks.

5652 *a*, C. M.; 13436 *a*, I. U. M. Market of Guayaquil, Ecuador.  
Henn.

24. *Oligoplites mundus* Jordan & Starks.

5655 *a-c*, C. M.; 13439 *a-c*, I. U. M. Mouth of Rio Dagua, Buenaventura, Colombia. Eigenmann.

5656 *a-d*, C. M.; 13440 *a-d*, I. U. M. Market of Guayaquil, Ecuador.  
Henn.

5659 *a-b*, C. M.; 13443 *a*, I. U. M. West Bank, Georgetown Harbor,  
British Guiana. Max M. Ellis.

25. *Oligoplites altus* (Günther).

5657 *a-b*, C. M.; 13441 *a-b*, I. U. M. Market of Guayaquil, Ecuador.  
Henn.

13445 *a*, I. U. M. Rio Rosario, Colombia. Henn & Wilson.

26. *Oligoplites saurus* (Bloch & Schneider).

5658 *a-e*, C. M.; 13442 *a-e*, I. U. M. Cartagena, Colombia. Eigenmann.

27. *Caranx hippos* (Linnaeus).

5650 *a*, C. M.; 13434 *a*, I. U. M. Market of Guayaquil, Ecuador.  
Henn.

5660 *a*, C. M. Cartagena, Colombia. Eigenmann.

28. *Caranx caballus* (Günther).

13435 *a*, I. U. M. Tumaco, Colombia. Henn & Wilson.

29. *Trachinotus fasciatus* Gill.

13209 *a*, I. U. M. Tumaco, Colombia. Henn & Wilson.

30. *Trachinotus culveri* Jordan & Starks.

5661 *a-f*, C. M.; 13444 *a-e*, I. U. M. Cartagena, Colombia. Eigenmann.

31. *Trachinotus glaucus* (Bloch).

5662 *a*, C. M. Cartagena, Colombia. Eigenmann.

32. *Selene vomer* (Linnaeus).

13239 *a*, I. U. M. Tumaco, Colombia. Jan. 2, 1913. Henn & Wilson.

33. *Vomer setipinnis* (Mitchill).

5265 *a*, C. M.; 13240 *a*, I. U. M. Tumaco, Colombia. Jan. 2, 1913.  
Henn & Wilson.

## Family CENTROPOMIDÆ.

34. *Centropomus pectinatus* Poey.

5256 *a-c*, C. M.; 13232 *a-d*, I. U. M. Cartagena, Colombia. Eigenmann.

5258 *a*, C. M.; 13233 *a-b*, I. U. M. Buenaventura, Colombia. Eigenmann.

5252 *a-g*, C. M. Rio Vermelho, Bahia. Oct. 24, 1907. J. D. Haseman.

35. *Centropomus grandoculatus* Jenkins & Evermann.

5257 *a*, C. M.; 13234 *a-b*, I. U. M. Mouth of Rio Dagua, Buenaventura. Eigenmann.

D. vii, i. 10, A. iii, 7. Scales 8-54 to 56-13, before first dorsal 25. Specimens 4022 and 7743, I. U. M., have D. vii, i. 10. A. iii, 7. Scales 8-54-13, number scales before first dorsal (4022, I. U. M.) 24 and (7743, I. U. M.) 26.

Gilbert & Starks (California Academy of Sciences, Vol. IV, p. 90), say: "*C. grandoculatus* is certainly not separable from *C. medius* Günther, or from *C. pedimacula* Poey. The describers of *grandoculatus* seem to have neglected the first spine, which is very short and often concealed by scales. The first dorsal contains eight spines as in all other species of the genus."

Regan (*Biologia Centrali-Americana*, p. 47) considers *C. grandoculatus* and *C. medius* Günther as the same species.

Günther (*Fishes of Central America*, Trans. Zoöl. Soc. Lond. Vol. VI, 1868, p. 406), describes *C. medius* as having: "D. 8  $\left| \begin{array}{l} 1 \\ 10 \end{array} \right.$ ; A.  $\frac{3}{7}$ ; L. lat. 57."

Jordan & Evermann (Bulletin U. S. National Mus., No. 47, Part 1, p. 1120) described *C. grandoculatus* as having D. vii-i, 10; A. iii, 7; scales 8-52 to 54-13, 23 to 26 before dorsal.

I consider *C. grandoculatus* Jenkins & Evermann to be a distinct species. Specimens 4022 and 7743 have only seven spines in the first dorsal. The specimens collected at Buenaventura, Colombia, have only seven spines in the first dorsal. The specimens examined by

Gilbert & Starks were evidently *C. medius* Günther, and not *C. grandoculatus* Jenkins & Evermann.

36. *Centropomus parallelus* Poey.

5251 *a*, C. M. Barbados, B. W. I. Eigenmann.

37. *Centropomus undecimalis* Bloch.

5255 *a-b*, C. M.; 13231 *a-b*, I. U. M. Cartagena, Colombia. Eigenmann.

38. *Centropomus viridis* Lockington.

5254 *a-b*, C. M.; 13230 *a*, I. U. M. Market of Guayaquil, Ecuador. Henn.

39. *Centropomus nigrescens* Günther.

5250 *a*, C. M.; 13229 *a-b*, I. U. M. Market of Guayaquil. Henn.

40. *Centropomus ensiferus* Poey.

5253 *a*, C. M. Cachoeira, Brazil. April 17, 1908. J. D. Haseman.

41. *Centropomus armatus* Gill.

5243 *a-b*, C. M.; 13226 *a-c*, I. U. M. Mouth of Rio Dagua, Buenaventura, Colombia. Eigenmann.

5248 *a*, C. M.; 13227 *a-b*, I. U. M. Puerto Negria, Colombia. Eigenmann.

5249 *a*, C. M.; 13228 *a-b*, I. U. M. Rio Rosario, Colombia. Henn & Wilson.

Family SERRANIDÆ.

42. *Epinephelus maculosus* (Cuvier & Valenciennes).

5641 *a*, C. M. Cartagena, Colombia. Eigenmann.

Family LUTIANIDÆ.

43. *Neomænis griseus* (Linnæus).

5259 *a-c*, C. M.; 13235 *a-g*, I. U. M. Nine duplicates. Cartagena, Colombia. Eigenmann.

44. *Neomænis apodus* (Walbaum).

5574 *a-e*, C. M.; 13216 *a-b*, I. U. M. Three duplicates. Cartagena, Colombia. Eigenmann.

13215 *a*, I. U. M. Tumaco, Colombia. Henn & Wilson.



45. *Neomænis argentiventris* (Peters).

5579 *a*, C. M.; 13213 *a*, I. U. M. Buenaventura, Colombia. Eigenmann.

46. *Neomænis analis* (Cuvier & Valenciennes).

5582 *a-j*, C. M., 13214 *a-e*, I. U. M. Cartagena, Colombia. Eigenmann.

47. *Neomænis mahogoni* (Cuvier & Valenciennes).

5573 *a-d*, C. M.; 13217 *a-c*, I. U. M. Cartagena, Colombia. Eigenmann.

48. *Neomænis aratus* (Günther).

5260 *a-b*, C. M.; 13236 *a-c*, I. U. M. Tumaco, Colombia. Jan. 2, 1913. Henn & Wilson.

In young specimens I find the scales in the lateral line to be from forty-five to fifty; soft rays in dorsal twelve to fourteen; soft rays in anal seven to nine; interorbital area broad, width four to five times in head.

49. *Ocyurus chrysurus* (Bloch).

5261 *a-b*, C. M.; 13237 *a-b*, I. U. M. Cartagena, Colombia. Eigenmann.

Family HÆMULIDÆ.

50. *Hæmulon plumieri* (Lacépède).

5578 *a-d*, C. M.; 13219 *a-c*, I. U. M. Cartagena. Eigenmann.

5577 *a*, C. M.; 13220 *a*, I. U. M. Soplaviento. Eigenmann.

51. *Hæmulon macrostomum* Günther.

5585, eight specimens, C. M.; 13222 *a-c*, I. U. M. Cartagena, Colombia. Eigenmann.

52. *Hæmulon scudderi* Gill.

5262 *a*, C. M.; 13238<sup>7</sup>*a*, I. U. M. Guayaquil Market. Henn.

53. *Hæmulon parra* (Desmarest).

5267 *a-c*, C. M., 13243 *a-b*, I. U. M. Cartagena, Colombia. Eigenmann.

54. *Hæmulon sciurus* (Shaw).

13221 *a*, I. U. M. Cartagena, Colombia. Eigenmann.

## Family POMADASIDÆ.

55. *Pomadasis macracanthus* (Günther).

5651 *a*, C. M.; 13243 *a*, I. U. M. Mouth of Rio Dagua, Buenaventura, Colombia. Eigenmann.

56. *Pomadasis branicki* (Steindachner).

5266 *a-b*, C. M.; 13241 *a*, I. U. M. Mouth of Rio Dagua, Buenaventura, Colombia. Eigenmann.

## Family SPARIDÆ.

57. *Archosargus unimaculatus* (Bloch).

5648 *a-h*, C. M.; 13433 *a-d*, I. U. M. Cartagena, Colombia. Eigenmann.

58. *Calamus brachysomus* (Lockington).

5649 *a*, C. M. Mouth of Rio Dagua, Buenaventura, Colombia. Eigenmann.

## Family GERRIDÆ.

59. *Gerres simillimus* Regan.

5268 *a*, C. M.; 13437 *a-b*, I. U. M. Market of Guayaquil, Ecuador. Henn.

60. *Gerres cinereus* (Walbaum).

5269 *a-o*, C. M.; 13244 *a-f*, I. U. M. Cartagena, Colombia. Eigenmann.

61. *Gerres rhombeus* Cuvier & Valenciennes.

5270 *a*, C. M. Cachoeira, April 17, 1908. Haseman.

62. *Gerres lineatus* (Humboldt).

5274 *a-f*, C. M.; 13248 *a-f*, I. U. M. Mouth of Rio Dagua, Buenaventura, Colombia. Eigenmann.

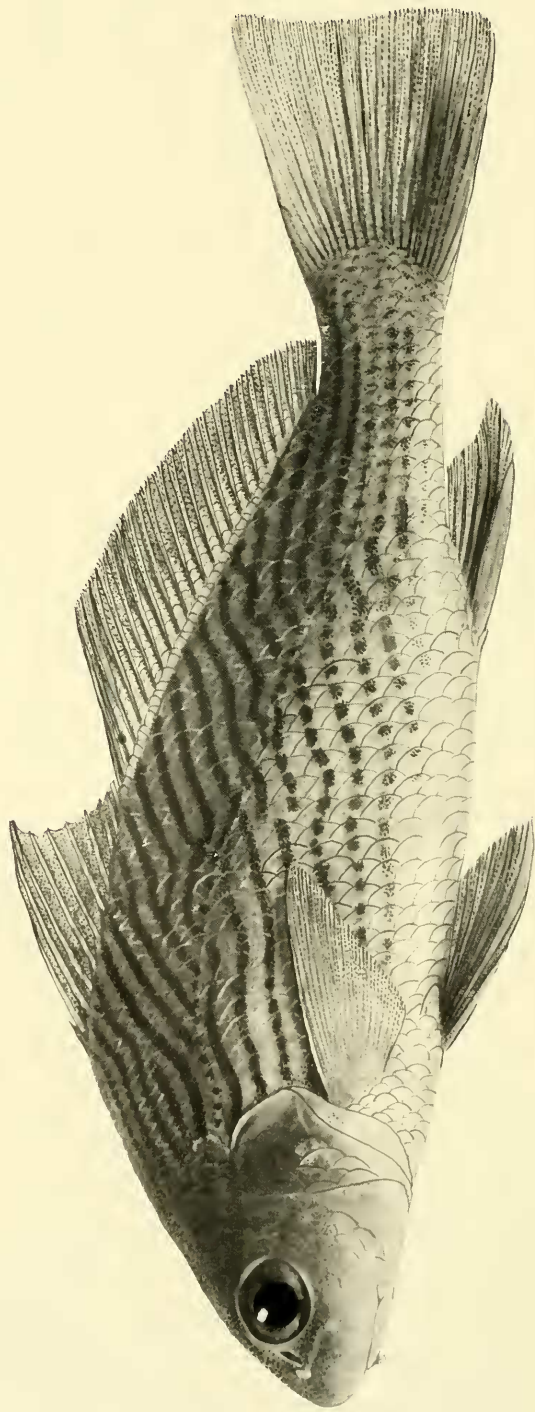
5273 *a*, C. M.; 13247 *a-b*, I. U. M. Tumaco, Colombia. Jan. 2, 1913, Henn & Wilson.

63. *Gerres aureolus* Jordan & Gilbert.

13249 *a*, I. U. M. Rio Rosario, Colombia. Henn & Wilson.

5375 *a-f*, C. M., 13250 *a-f*, I. U. M. Mouth of Rio Dagua, Buenaventura, Colombia, Eigenmann.





*Umbrina tumacoensis* Wilson. Type. 5654 a, C. M. 163 mm. Tumaco.

64. *Gerres olisthostomus* Goode & Bean.

5276 *a-b*, C. M.; 13426 *a-b*, I. U. M. Cartagena, Colombia. Eigenmann.

65. *Gerres patao* Poey.

5272 *a*, C. M.; 13246 *a*, I. U. M. Cartagena, Colombia. Eigenmann.

66. *Eucinostomus pseudogula* Poey.

5241, C. M.; 13201 *a-d*, I. U. M, fifteen duplicates. Cartagena, Colombia. Eigenmann.

5584, thirty-two specimens, C. M., 13203 *a-h*, I. U. M. Tumaco, Colombia, Jan. 2, 1913. Henn & Wilson.

67. *Eucinostomus gula* (Cuvier & Valenciennes).

5242 *a-e*, C. M.; 13202 *a-e*, I. U. M. Forty-seven duplicates. Cartagena, Colombia. Eigenmann.

68. *Eucinostomus californiensis* (Gill).

5271 *a-c*, C. M.; 13245 *a-f*, I. U. M. Guayaquil Market. Henn.

## Family SCIÆNIDÆ.

69. *Umbrina tumacoënsis* Wilson, sp. nov. (Plate X.)

5654 *a*, C. M. **Type**, 163 mm. **Paratypes** 90-121 mm. 5654 *b-c*, C. M.; 13438 *a-b*, I. U. M. Tumaco, Colombia. Henn & Wilson.

D. x, i, 24; A. ii, 6; scales in lateral line 50-52. Length of head three and one-half times in total length, including caudal. The height of the body is contained three and one-half times in the total length without caudal. Snout produced beyond the mouth. Diameter of eye is contained four times in head, and one and one-half times in snout.

Symphyseal barbel short, scarcely longer than posterior nostril. Preoperculum distinctly serrated; the serræ slightly enlarged at the angle. The second and third spines of first dorsal fin subequal, contained one and one-half times in the length of head. Color dark above, silvery below; a dark blotch on the opercle; dark olive stripes follow the centers of the scale-rows upward and backward on the sides and back; spinous dorsal and anal dusky; ventrals with punctulations; gill-membrane and peritoneum pale. Maxillary extending to center of pupil.

## Family LABRIDÆ.

70. *Iridio bivittatus* (Bloch).

5278 *a*, C. M. Cartagena, Colombia. Eigenmann.

71. *Iridio bimaculata* sp. nov.

5280 *a*, C. M. **Type**, 170 mm. **Paratype**, 5280 *b*, C. M. 112 mm.  
13428 *a*, **Paratype** 164 mm., I. U. M. Mouth of Rio Dagua,  
Buenaventura, Colombia. Eigenmann.

D. IX, 11; A. III, 12. Scales 3-27-10. Length of head contained three times in total length, not including the caudal. Width contained three and one-half times in total length, not including the caudal. Diameter of eye contained in length of head six and one-half times. Anterior canines in lower jaw subequal. Dorsal spines slender. First anal spine much reduced. Caudal rounded. Ventrals not reaching vent, but extending beyond the vertical from hind margins of pectorals. Lateral line continuous; the posterior portion running on the third series below the anterior portion. A spot on soft dorsal extending from behind the second ray to the fourth ray. A spot at the base of caudal equal to two-thirds the diameter of eye. Above grayish olive; below pale.

## Family SCARIDÆ.

72. *Scarus croicensis* (Bloch).

5279 *a-f*, C. M.; 13427 *a-d*, I. U. M. Cartagena, Colombia. Eigenmann.

## Family BALISTIDÆ.

73. *Balistes polylepis* Steindachner.

5646 *a*, C. M.; 13431 *a*, I. U. M. Tumaco, Colombia, Jan. 2, 1913.  
Henn & Wilson.

74. *Balistes naufragium* Jordan & Starks.

5647 *a*, C. M.; 13432 *a*, I. U. M. Market of Guayaquil, Ecuador. Henn.

## Family MONACANTHIDÆ.

75. *Monacanthus oppositus* Poey.

5277 *a*, C. M. Cartagena, Colombia. Eigenmann.