

- Snout as long as eye; maxillary extending to below anterior $\frac{1}{4}$ of eye; depth of body $2\frac{3}{4}$ –3 in the length; 8 gill-rakers on the lower part of anterior arch. 4. *harengulus*.
- b. Præmaxillary processes $\frac{1}{2}$ the length of head; 7 gill-rakers on the lower part of anterior arch.
- Depth of body $2\frac{1}{2}$ – $2\frac{4}{5}$ in the length 5. *californiensis*.
- Depth of body 3– $3\frac{2}{5}$ in the length 6. *pseudogula*.
- B. Anal II 8 7. *lefroyi*.
- II. Præoperculum finely serrated.
- A. Præorbital entire; no conspicuous dark longitudinal lines along the series of scales.
1. Anal III 8.
- a. Second dorsal spine from $\frac{4}{5}$ to as long as the head.
- Maxillary extending nearly to below middle of eye (in specimens of 220 mm.);
- 4 scales between pectoral and ventral 8. *peruvianus*.
- Maxillary extending to below anterior $\frac{1}{3}$ of eye (in a specimen of 220 mm.);
- 3 scales between pectoral and ventral 9. *olithostomus*.
- b. Second dorsal spine $\frac{1}{2}$ the length of head 10. *aureolus*.
2. Anal II 9 11. *rhombeus*.
- B. Præorbital finely serrated; conspicuous dark longitudinal lines along the series of scales.
1. Pectoral extending to, or nearly to, origin of anal.
- a. Second anal spine as long as longest dorsal spine.
- α . Anal III 8.
- 4 scales between lateral line and middle of dorsal fin; 15 gill-rakers on the lower part of anterior arch 12. *lineatus*.
- 3 scales between lateral line and middle of dorsal fin; 12 gill-rakers on the lower part of anterior arch 13. *axillaris*.
- β . Anal III 7 14. *patao*.
- b. Second anal spine $\frac{4}{5}$ – $\frac{7}{8}$ as long as longest dorsal spine. Anal III 8. 15. *plumieri*.
2. Pectoral not extending to origin of anal. Anal III 8.
- Second anal spine $\frac{4}{5}$ as long as longest dorsal spine; pectoral $\frac{3}{4}$ – $\frac{4}{5}$ the length of head 16. *brevimanus*.
- Second anal spine $\frac{5}{8}$ as long as longest dorsal spine; pectoral as long as head . 17. *mexicanus*.

1. *Gerres cinereus*, Walbaum, 1792.

Nystæma cinereum (part.), Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1898, p. 1372, and 1900, fig. 556.

Hab. Atlantic Coasts from Florida to Brazil; freshwater ponds of Barbados.

2. *Gerres simillimus*, sp. n. (Tab. VIII. fig. 2.)

Nystæma cinereum (part.), Jord. & Everm. l. c.

Depth of body $2\frac{1}{3}$ – $2\frac{1}{2}$ in the length, length of head 3 to $3\frac{1}{4}$. Snout as long as or longer than eye, the diameter of which is more than $\frac{1}{4}$ the length of head; interorbital width $2\frac{3}{4}$ to 3 in the length of head. Maxillary extending to below anterior $\frac{1}{4}$ of eye. Præorbital and præoperculum entire. 8 gill-rakers on the lower part of the anterior arch. 40–43 scales in a longitudinal series, 4 between lateral line and