

1. *Eleotris guavina* *.

Eleotris guavina, Cuv. & Val. Hist. Nat. Poiss. xii. p. 223 (1837)¹; Günth. Cat. Fish. iii. p. 124 (1861)²; Poey, Repert. i. p. 337 (1867)³, Syn. p. 395 (1868)⁴, and Enum. p. 127 (1875)⁵.
Guavina guavina, Eigenm. & Fordice, Proc. Ac. Philad. 1885, p. 73⁶; Jord. & Eigenm. Proc. U.S. Nat. Mus. 1886, p. 483⁷; Eigenm. & Eigenm. Proc. Cal. Ac. (2) i. 1888, p. 54⁸; Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1898, p. 2198⁹.

Depth of body 4 to 5 in the length, length of head $3\frac{2}{5}$ to 4. No præopercular spine. Dorsal VII, I 10. Anal I 10. 95 to 110 scales in a longitudinal series. Uniformly brownish (in spirit).

Hab. Atlantic Coasts and Rivers from Mexico and Cuba to Southern Brazil:

Central America⁸; Turbo⁸; Demerara²; Brazil⁸; Cuba^{3 4 5}; Martinique¹; Barbados⁸.

Here described from two specimens, 150 and 220 mm. in total length, from Demerara.

2. *Eleotris pisonis*.

Gobius pisonis, Gmelin, Linn. Syst. Nat. p. 1206 (1788)¹.

Gobius amorea, Walbaum, Artedi Pisc. iii. p. 205 (1792)².

Eleotris pisonis, Schneid. Bloch's Syst. Ichth. p. 68 (1801)³; Eigenm. & Fordice, Proc. Ac. Philad. 1885, p. 75⁴; Jord. & Eigenm. Proc. U.S. Nat. Mus. 1886, p. 483⁵; Eigenm. & Eigenm. Proc. Cal. Ac. (2) i. 1888, p. 55⁶; Jord. & Everm. Bull. U.S. Nat. Mus. xlvii. 1898, p. 2201⁷; Meek, Zool. Pub. Columbian Mus. v. 1904, p. 228⁸.

Eleotris gyrinus, Cuv. & Val. Hist. Nat. Poiss. xii. p. 220, t. 356 (1837)⁹; Girard, U.S. & Mexico Bound. Survey, Ichth. p. 28, t. 12, figs. 11 & 12 (1859)¹⁰; Günth. Cat. Fish. iii. p. 122 (1861)¹¹; Poey, Repert. i. p. 336 (1867)¹², Syn. p. 395 (1868)¹³, and Enum. p. 127 (1875)¹⁴; Jord. & Gilb. Synopsis, p. 631 (1883)¹⁵.

Culius perniger, Cope, Proc. Am. Phil. Soc. 1870, p. 473¹⁶.

Culius belizianus, Sauv. Bull. Soc. Philom. 1879, p. 55¹⁷; Eigenm. & Fordice, l. c.¹⁸; Eigenm. & Eigenm. l. c.¹⁹.

Eleotris perniger, Eigenm. & Eigenm. l. c.²⁰; Jord. & Everm. t. c. p. 2201²¹.

Depth of body 4 to $4\frac{2}{3}$ in the length, length of head 3 to $3\frac{1}{2}$. A small concealed antrorse spine at the angle of the præoperculum. Dorsal VI, I 8. Anal I 8. 54 to 67 scales in a longitudinal series.

Hab. Atlantic Coasts and Rivers from Florida to Southern Brazil †:

Florida⁶; Rio Grande¹⁰; Vera Cruz⁸; Boca del Rio⁸; Belize¹⁷.—Surinam⁹; Brazil^{1 6}; Cuba^{4 6 12 13 14}; Haiti; Dominica^{6 9}; Martinique^{6 9}; St. Vincent⁶; St. Christopher⁶.

Here described from several specimens from Haiti, St. Vincent, Dominica, and Pernambuco, measuring up to 160 mm. in total length. This series of examples includes some with the cheeks wholly or partially naked, corresponding to *E. perniger*, and others which closely approach *E. abacurus*, Jord. & Gilb., in the small number of scales in a longitudinal series.

E. amblyopsis, Cope, is a closely allied species, but appears to have larger scales.

* *Eleotris brasiliensis*, Sauv., 1880, is probably not distinct from *E. guavina*.

† This or a very similar species has been recorded from West-African rivers.