

Notice of a new genus of Cyprinidæ.

By S. F. BAIRD AND CHARLES GIRARD.

COCHLOGNATHUS, B. & G.—The jaws are armed with a spoon-shaped plate, the edge of which is sharp and cutting. Pharyngeal teeth disposed upon one single row. The general appearance of the fish is cyprinoid, and strongly suggestive of *Pimephales*, the head having a rather robust appearance with a blunt snout. The mouth itself is rather small. There are no barbules or rudimentary barbules of any kind. The insertion of the ventral fins is situated opposite the anterior margin of the dorsal. The caudal is emarginate. The scales are very large. The lateral line is conspicuous, running through the middle of the flanks, slightly bent downwards upon the abdomen.

COCHLOGNATHUS ORNATUS, B. & G.—Head forming two ninths of the entire length, and abruptly rounded off on the snout. Mouth proportionately small and terminal with oblique cleft. Eyes rather above the medium size; their diameter being contained four times in the length of the side of head. Body much compressed, covered with large scales disposed in twelve longitudinal rows on the line of greatest depth. Lateral line inflexed downwards upon the abdomen. Anterior margin of dorsal nearly equidistant between the snout and rudimentary rays of the caudal. Anal, situated entirely backwards of the dorsal. Caudal forked. Insertion of ventrals beneath the anterior margin of dorsal; tip of pectoral not reaching them.

D I. 8. A 6. C 4. I. 9. 8. 1. 3. V 8. P 12.

The colors, as preserved in alcohol, present a reddish brown ground, and a dark lateral band or stripe. The dorsal fin exhibits two elongated dark spots, one anteriorly and basal, the other posteriorly and nearer to its tip. The posterior half of the caudal has likewise a darker hue than its anterior and basal half, which is of a dull orange, as is also its extreme margin.

Brownsville, Texas; collected by Capt. Van Vliet.

Synopsis of the EROTYLIDÆ of the United States.

By JOHN L. LeCONTE, M. D.

ENGIS Paykull.

1. *E. quadrimaculata* Say, Bost. Journ. Nat. Hist. 1, 169. Middle, Southern and Western States. *E. confluentus* Say, Journ. Acad. Nat. Sc. 3, 195, is a species of *Ips*.

DACNE Latr.

1. *D. fasciata* Latr. Hist. Nat. Crust. et Ins. 10, 14: Gen. Crust. et Ins. 2, 20. Lacord. Erotyl. 65. *Ips fasciata* Fabr. Ent. Syst. emend. 2, 511: *Engis fasciata* Syst. El. 2, 582. (Laporte, Hist. Nat. Col. 2, 15). *Erotylus bifasciatus* Oliv. Enc. Méth. 6, 433. Middle and Southern States abundant; the reference in parenthesis is copied from Lacordaire.

2. *D. heros* Lacord. Erotyl. 67. *Engis heros* Say. Journ. Acad. Nat. Sc. 3, 196. Southern and Western States, not rare: also found in the Middle States, but very rare.

ISCHYRUS Lac.

1. *I. quadripunctatus* Lac. Erotyl. 127. *Erotylus 4-punctatus* Oliv. Enc. Méth. 6, 437. Ins. 89, tab. 3, fig. 37. Say, Bost. Journ. Nat. Hist. 1, 201. Georgia, Texas, Missouri.

LANGURIA Latr.

A. Antennæ articulis 6-11 dilatatis.

1. *L. thoracica*; rufa nitida, thorace parce punctulato, latitudine vix longiore, antrosum angustato, lateribus rotundato, macula dorsali rotundata ornato, elytris