

2d subgenus, **POMOTIS**. (p. 28.)

9th species, Red-Eye Sunfish, **ICTHELIS ERYTHROPS**, *Ichthele oculi-rouge*. (p. 29.)

**AMPLOPLITES RUPESTRIS** (Raf.) Gill.

*Bodianus rupestris* Rafinesque, 1818.

Description fair. The name *Pomotis*, first proposed in 1819, is a mere synonym of *Lepomis*.

\* 10th species, Eared Sunfish, **ICTHELIS AURITA**, *Ichthele oreilleuse*.

**XENOTIS LYTHROCHLORIS** Jordan. *nom. sp. nov.*

Not *Pomotis auritus* ("L.") Günther.

= *Lepomis auritus* Cope. (Not of Raf. 1818.)

11th species, Big-Ear Sunfish, **ICTHELIS MEGALOTIS**, † *Ichthele megalote*. (p. 29.)

**XENOTIS MEGALOTIS** (Raf.) Jordan.

*Pomotis nitidus* Kirtland.

Not *Ichthele incisor* (C. & V.) Holbr.

Not *Lepomis megalotis* Cope.

*Ichthele megalotis* Raf., Bliss (*in lit.*).

Description pretty good. This cannot be the *Lepiopomus pallidus* (*incisor*), as has been supposed by Professor Cope.

**V. Genus, RIVER-BASS, LEPOMIS, Lepome**. (p. 30.)

= *Micropterus* Lacépède.

Not *Lepomis* Raf., 1819.

\* Body oval elliptic (diameter one-third), olivaceous with blue and rufous dots; head small, jaws equal, opercule flexuose, appendage black, broad and truncate, some blue flexuose lines on the side of the head; tail brownish lunulate; back brownish; anal fin 3 and 9; pectorals not reaching the vent. Thoracics mucronate.

Length from 3 to 12 inches; common in the rivers, creeks, and ponds of Kentucky. Vulgar name, Sunfish. Iris brown. Dorsal fin brownish, 10 and 10, spiny rays shorter, thoracic fins very long; spiny rays rather shorter, first soft ray mucronate; pectorals nearly rhomboidal with 14 rays, tail 16 rays.

† Body oval, rounded (diameter two-fifths), chestnut color with blue dots, belly red; head large, lower jaw longer, opercule with blue flexuose lines, appendage black, very large elliptic, end rounded; tail black, slightly forked, pectoral large, reaching the vent; anal fin 3 and 9; thoracics long and mucronate; black tail.

A fine species, called Red-belly, Black-ears, Black-tail Sun-fish, &c. It lives in the Kentucky, Licking, and Sandy Rivers, &c. Length from 4 to 8 inches. Head very sloping, iris silvery brown, belly of a bright copper red color. All the fins black except the pectorals, which are olivaceous, trapezoidal, acute and large. The dorsal has 20 rays, whereof 9 short ones are spiny. Body very short, hardly as long as broad, if the head and tail are deducted. Thoracics like those of the foregoing species.

12th sp

(Young;

= *Micro*= *M. flor*

13th sp

Lepome t

MICROPT

14th sp

flexueux.

MICROPT

This is

15th sp

(p. 32.)

MICROPT

16th sp

(p. 32.)

MICROPT

17th sp

icteloides

*Amblopli*

AMBLOPT

This is

= *Pomo*

18th sp

annulaire.

*Cichla st**Pomoxys*

Descrip

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