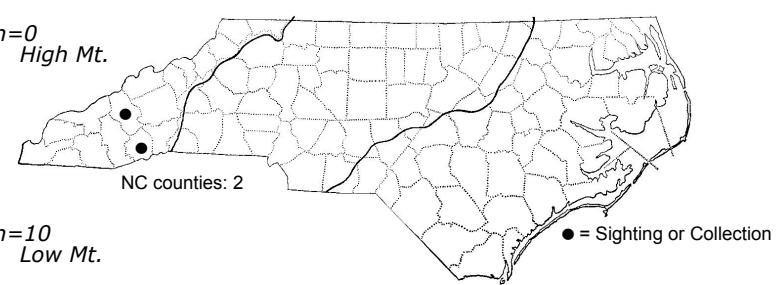
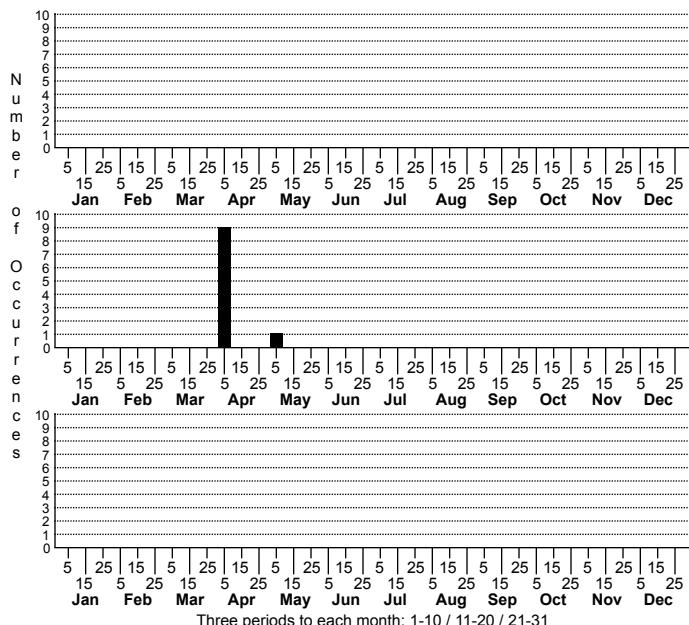


Thulinius cf. salturus



FAMILY: Doryphoribiidae

TAXONOMIC COMMENTS: The genus was transferred to Doryphoribiidae by Gasiorek et al. 2019. Specimens from GSMNP are discussed in Bertolani et al. 2014.

SPECIES COMMENTS: Freshwater. Additional analysis with DNA necessary to compare with *S. salturus*.

ID COMMENTS: For *T. salturus* proper:

Colorless, cuticle smooth or slightly wrinkled; eye spots absent. Mouth not surrounded by lamellae. The buccal tube medium width (length 33 microns, width 7 microns, in an example of 561 microns; pharynx oval, with large elongated apophyses and three macroplacoids of rod-shape, the first two very close, the third farther away; the second macroplacoid is the shortest, the first is the longest; microplacoid absent. Claws large, with basal part narrowed at the proximal end, and massive branch at their junction, and then rapidly attenuating toward the apices; robust accessory points, especially on the principal branch of the internal claw. The original description did not mention lunules, but they are present, however not very pronounced, and are particularly large on the 4th pair of legs. Eggs smooth, deposited in the exuvium.

-Ramazzotti & Maucci 1983

DISTRIBUTION: Please refer to the dot map.

HABITAT: Freshwater streams.

OBSERVATION METHODS: PC and DIC.