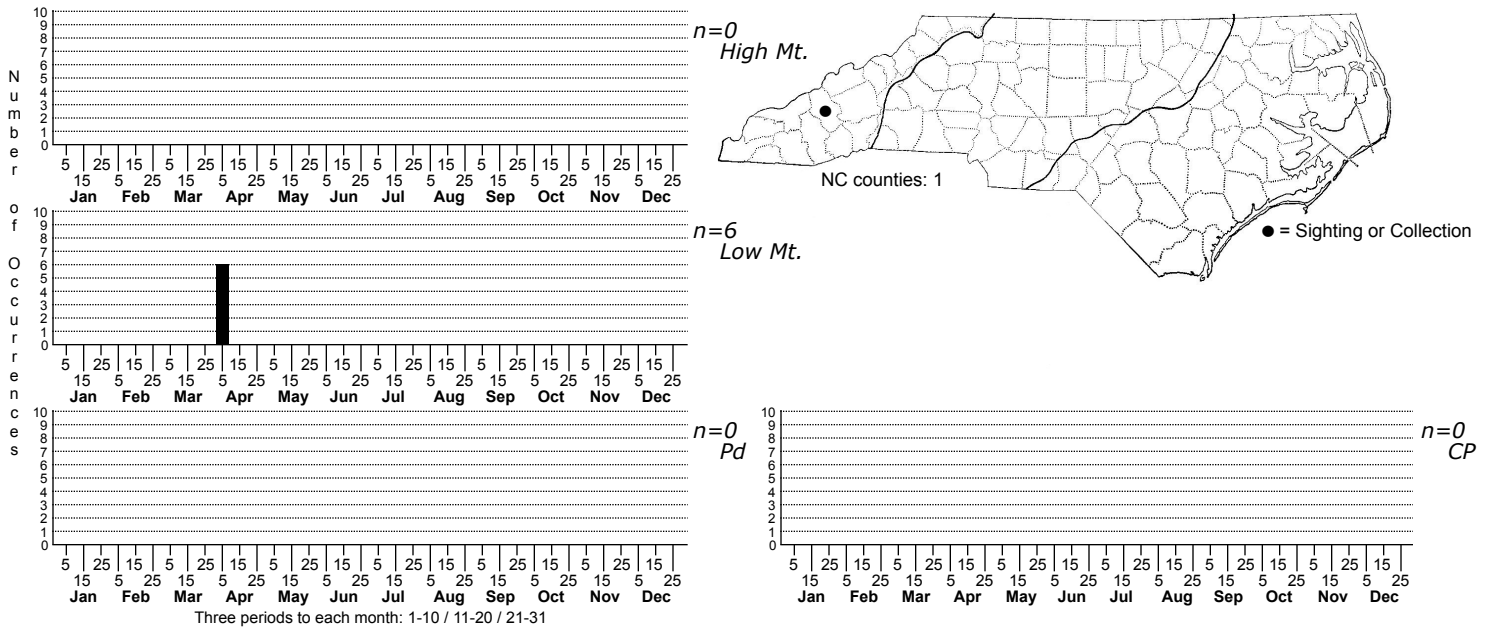


Grevenius granulifer



FAMILY: Doryphoribiidae

TAXONOMIC COMMENTS: Transferred from Isohypsibius by Gasiorek et al. 2019. Morphologically identical to European specimens, but no molecular data for further comparisons.

SPECIES COMMENTS: Freshwater. Appears to be cosmopolitan, scattered reports from various US state.

ID COMMENTS: Length up to 405 μm . The body is white. Cuticle covered with small thickenings (up to 1.5 μm), irregularly distributed (Pl. XVI d), being the biggest in the middle and the rear of the body. Granulation of legs similar, but distinctly smaller. Mouth opening situated antero-ventrally. Mouth tube 26 μm long (measurements in a specimen 230 μm long) and 2.5 μm wide. Pharynx oval (25 x 22 μm), with small apophyses and three narrow macroplacoids. No microplacoid. The first and the second macroplacoids equal in length (2.5 μm), the third one slightly longer (3.5 μm). All macroplacoids and apophyses are connected with thin, cuticular lists. Claws large, with small accessory spines at the main branches. No bars at the bases of I - III inner claws, no lunules. The outer claws of IVth pair 21 μm long. In exuviae 6-9 smooth eggs. Very rare, hydrophilous species, probably widely distributed in Poland. A geopolitan element.

-Dastyh 1988

DISTRIBUTION: Please refer to the dot map.

HABITAT: Freshwater streams.

OBSERVATION METHODS: PC and DIC