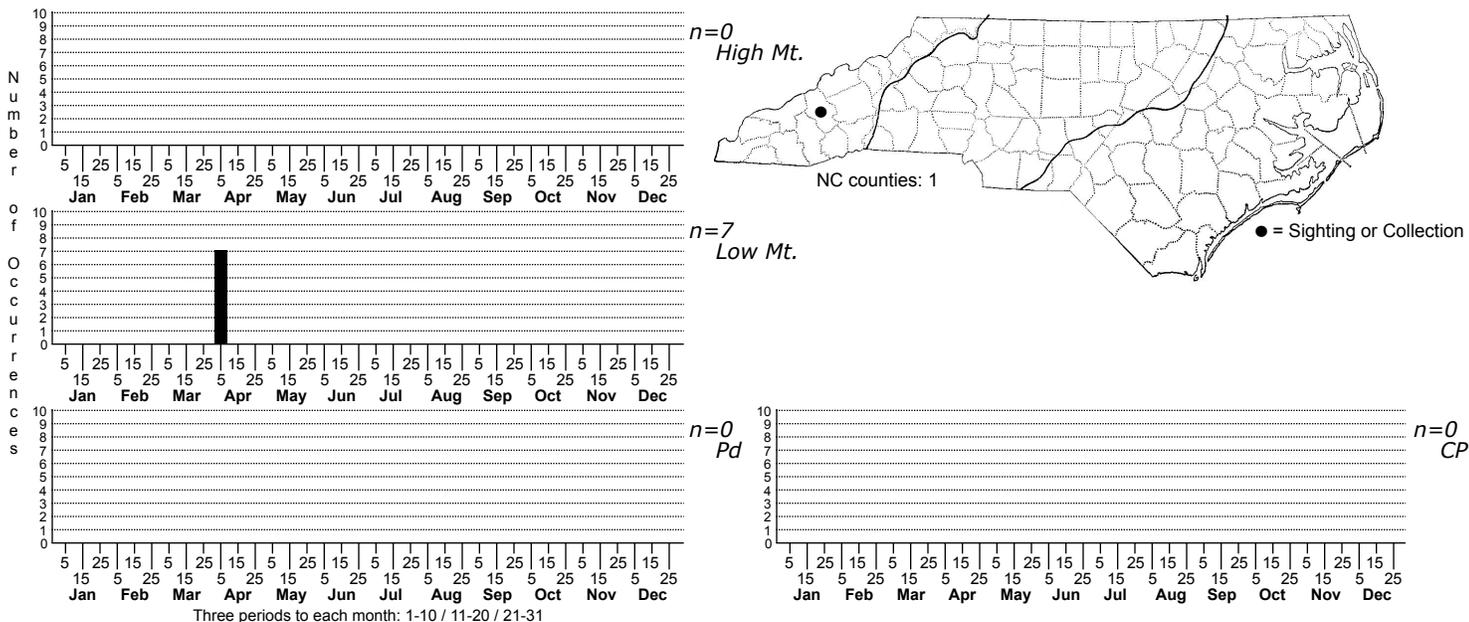


Microhypsibius bertolanii



FAMILY: Microhypsibiidae

TAXONOMIC COMMENTS: Morphologically indistinguishable from species first described in Greenland. DNA sequences are available in GenBank, but fresh specimens from the smokies are necessary for further comparison.

SPECIES COMMENTS: Freshwater. Only reported from Smokies and Roan Mt. in US.

ID COMMENTS: Smooth cuticle, eyes absent. The forehead is strongly bulging, with antero-ventral buccal aperture. Mouth without lamellae or papillae. Buccal tube rather slender, with a thin reinforcement bar. Pharynx oval (10.4 x 8 microns), with apophyses and three macroplacoids respectively 0.9, 0.9, 1.5 microns long; the third macroplacoid terminates in a drop shape. Microplacoid present. Legs short, with very small claws.
-Ramazzotti & Maucci 1983

DISTRIBUTION: Please refer to the dot map.

HABITAT: Freshwater streams.

OBSERVATION METHODS: PC and DIC.