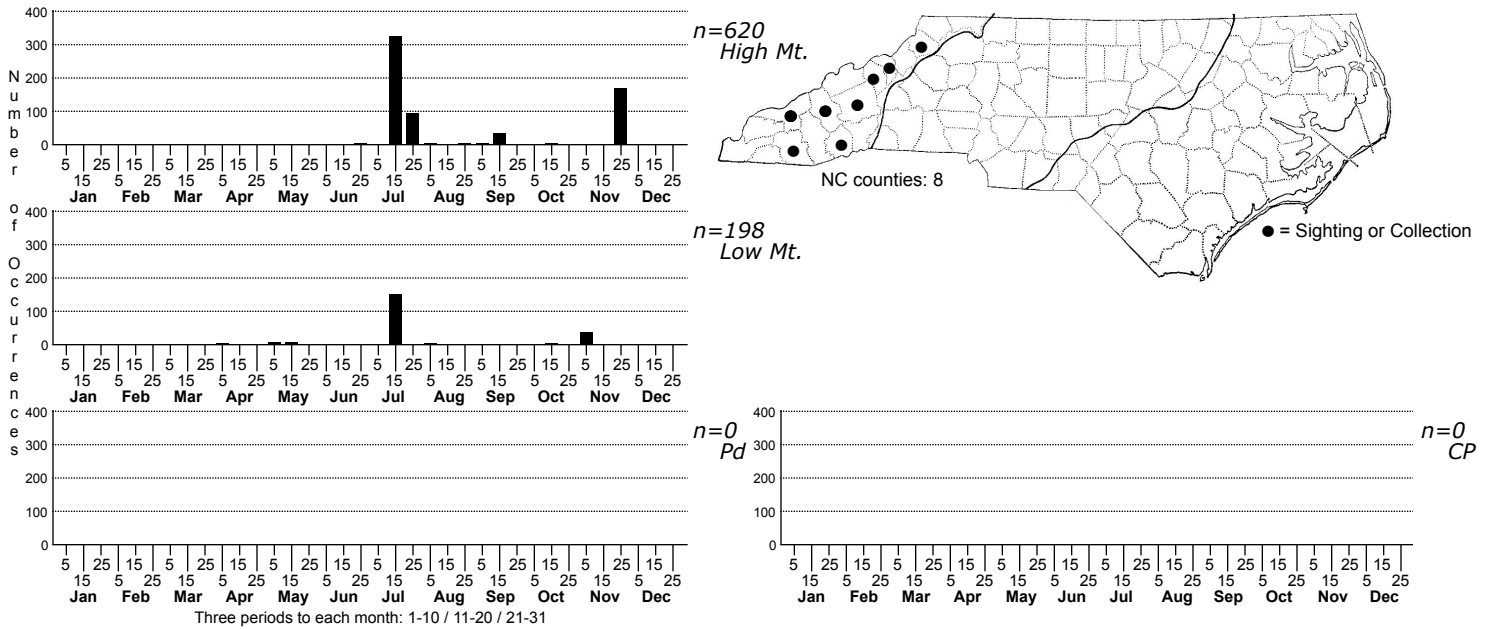


Minibiotus intermedius



FAMILY: Macrobiotidae

TAXONOMIC COMMENTS: This species was integratively redescribed and the neotype was designated by Kaczmarek et al. 2022.

SPECIES COMMENTS: Terrestrial. Apparently cosmopolitan, widely reported in US, but likely pseudocryptic complex means many older records are doubtful. The identification for the smokies records was verified by the queen of Minibiotus, the late Sandra Claxton.

ID COMMENTS: The body cuticle was smooth without pores and granulation, but very poorly visible granulation on the IV pair of legs was present. Large eye spots were also present. The buccal tube with an anterior and a posterior bend and slightly thicker below the stylet insertion point. The pharyngeal bulb had apophyses, three granular macroplacoids, and a small microplacoid (length sequence 2 ≤ 3 < 1). Eggs with processes (28–32 around the circumference) in the shape of a screw’s head were covered by a separate membrane.

-Kaczmarek et al. 2022

DISTRIBUTION: Please refer to the dot map.

HABITAT: Tree moss. Less commonly in soil, and rarely in othe terrestrial habitats.

OBSERVATION METHODS: DIC, PC.