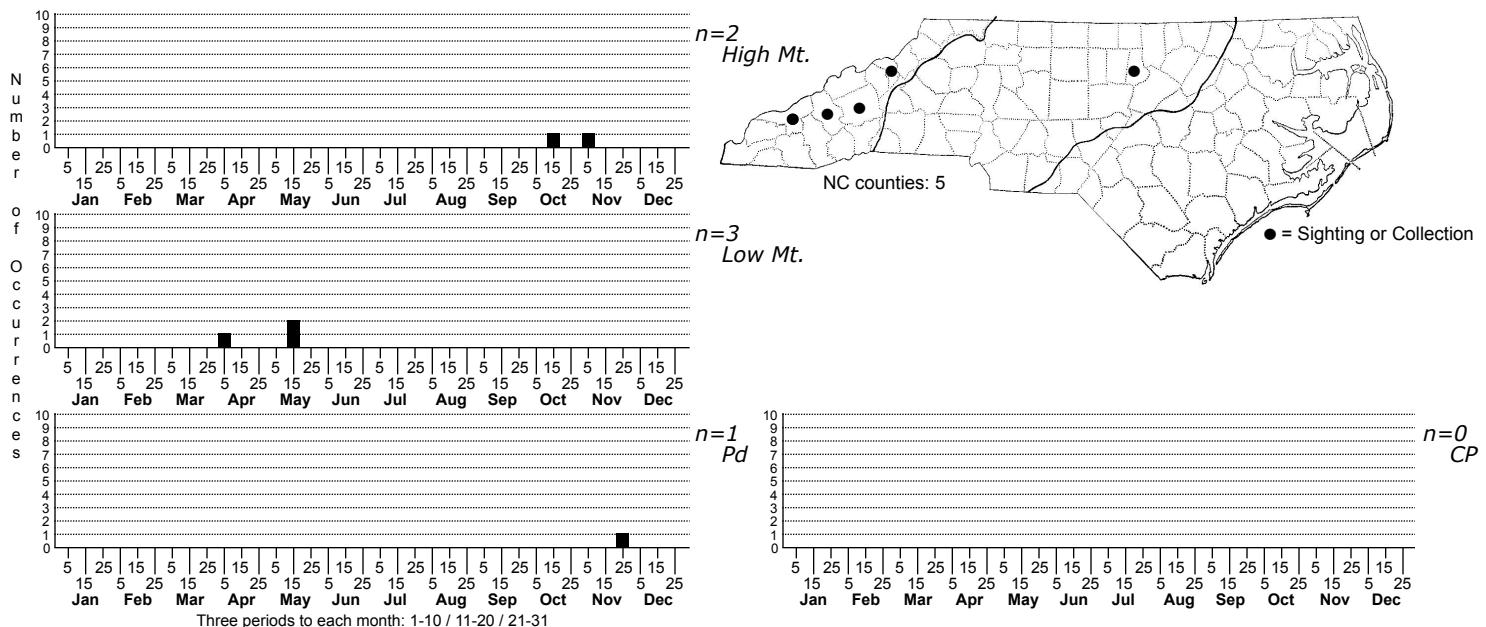


Minibiotus jonesorum



FAMILY: Macrobiotidae

TAXONOMIC COMMENTS: *Minibiotus jonesorum* was first discovered in Michigan. DNA sequences for *M. intermedius* and others in the genus are available in GenBank, but not for this species. In Bartels 2021 this species was identified as *M. pustulatus*. This updated species designation postdates Bartels 2021.

SPECIES COMMENTS: Terrestrial. Appears to be an eastern N. Am. endemic. Reports from Canada to Georgia.

ID COMMENTS: A *Minibiotus* with three macroplacoids increasing in length from anterior to posterior, lacking microplacoid and leg granulation and having ten transverse bands of polygonal pores which increase in size from anterior to posterior (Figs 3 and 4; Table 2). Eyespots present. Eggs not found.

-Meyer et al. 2011

Note: June 2023 specimens from GSMNP and Buncombe Co., originally identified as *Minibiotus pustulatus*, were compared to the type specimens of *Minibiotus jonesorum*. Unlike *pustulatus* and like *jonesorum*, the NC specimens have eyes, and both anterior and posterior pore sizes and shapes agree with *jonesorum*. NC specimens and type specimens also have claw bars on all legs, even though these were not described in the original description (Meyer et al. 2011).

DISTRIBUTION: Please refer to the dot map.

HABITAT: Predominantly tree moss, but found in many other terrestrial substrates.

OBSERVATION METHODS: PC and DIC.