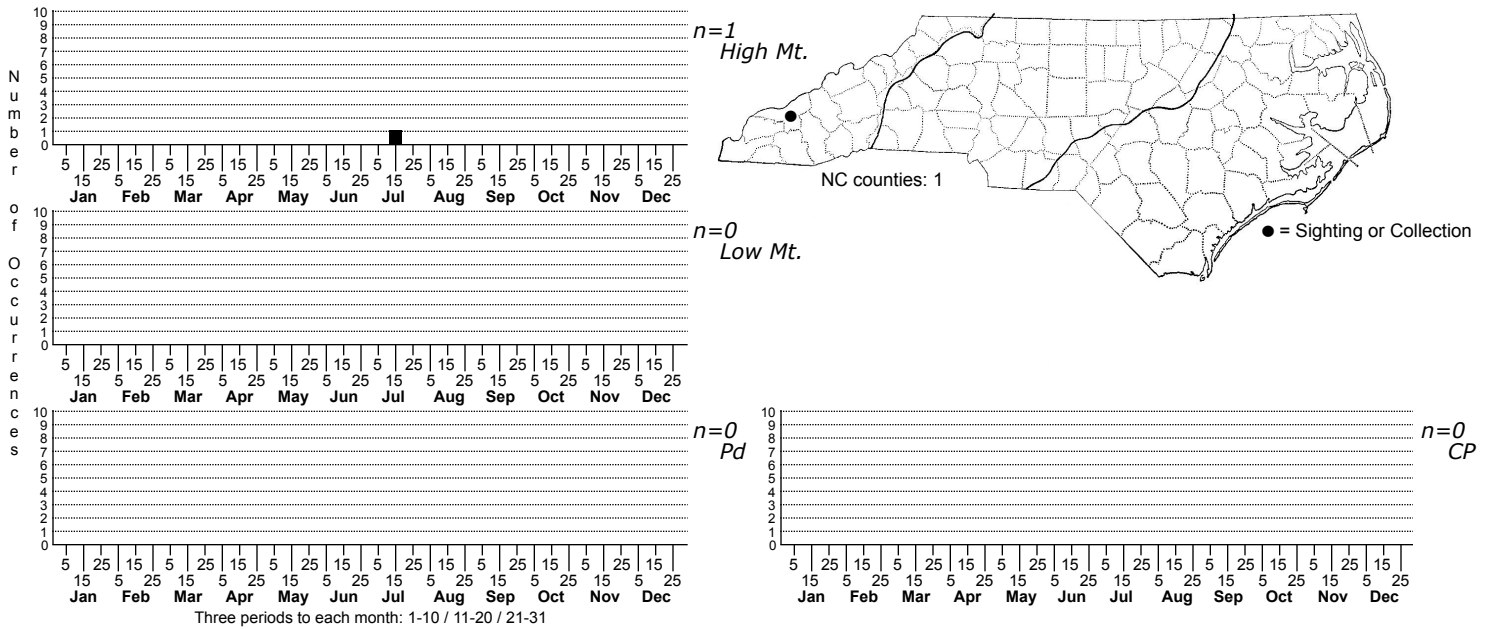


# *Minibiotus lazzaroi*



FAMILY: Macrobiotidae

TAXONOMIC COMMENTS: Redescribed by Kathman 1990. Transferred from Macrobiotus by Stec et al. 2021.

SPECIES COMMENTS: Terrestrial. Recorded from Canada and in the US only in the Smokies.

ID COMMENTS: Length up to 420  $\mu\text{m}$ ; slightly yellow in color; posterior eyes present. Dorsal surface with 9 transverse bands or rows of large pores, mostly triangular or polygonal, but a few rounded; rows 4, 6, and 8 narrower than other rows; these pores are also present on the dorsal surface of all legs; pore size approximately 2  $\mu\text{m}$ ; slightly larger caudally. Ventral surface with small elliptical or round pores, sparse and irregularly spaced. Ten buccal lamellae present. Buccal tube short (mean length 36  $\mu\text{m}$ ) and somewhat narrow (mean width 2.2  $\mu\text{m}$ ); mean width to length ratio 6.2%. Pharyngeal bulb round, often slightly wider than long; apophyses; 3 macroplacoids, the first 2 rounded and the 3rd slightly elongated (mean lengths (in micrometers): 1st, 2.8; 2nd, 2.8; 3rd, 3.4); microplacoid present, small. Claws Y-shaped, large; 2 accessory points large and obvious on each primary branch; lunules small and smooth, sometimes very slightly dentate on leg IV but difficult to discern. -Kathman 1990

DISTRIBUTION: Please refer to the dot map.

HABITAT: Tree lichen. Less commonly tree moss rarely in streams.

OBSERVATION METHODS: DIC and PC.