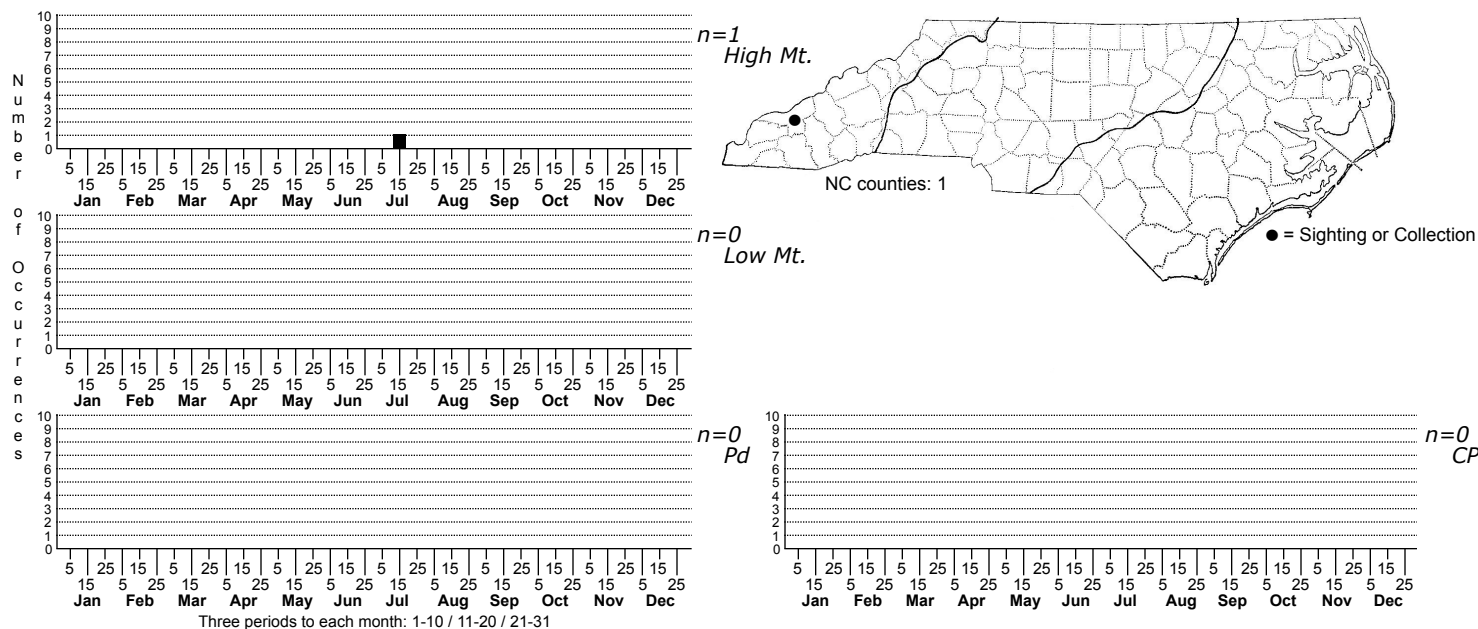


Minibiotus lazzaroi



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 μm ; 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 μm ; 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 μm) and somewhat narrow (mean width 2.2 μm); 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.