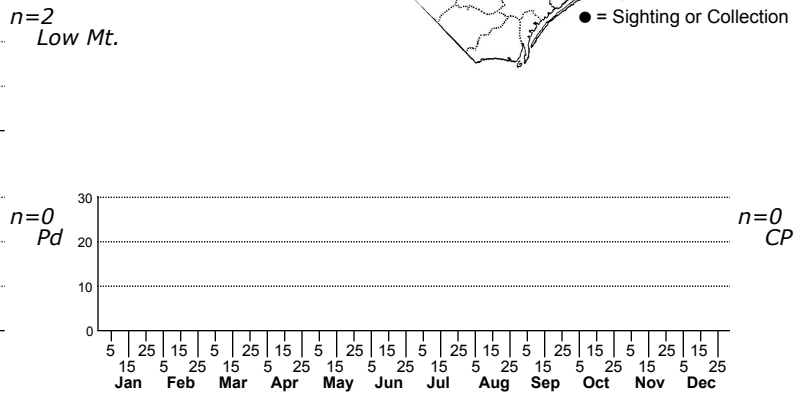
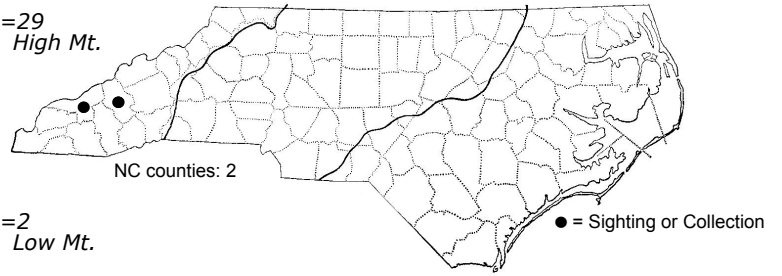
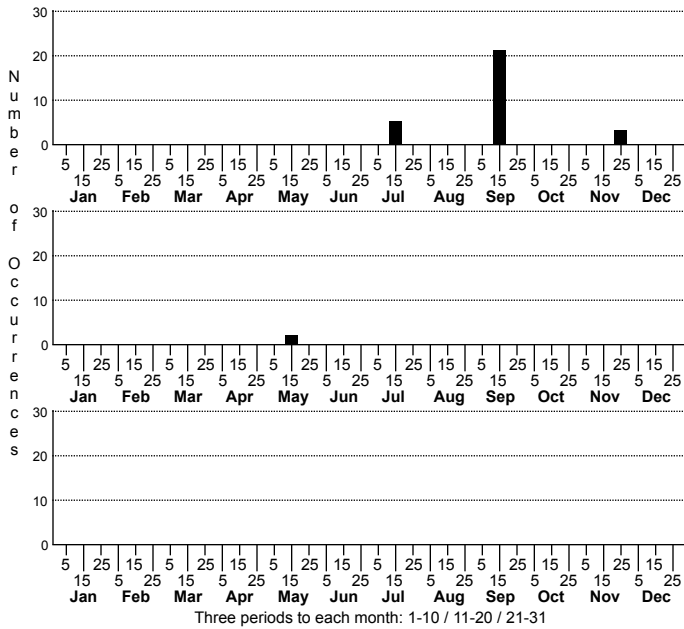


*Macrobiotus nelsonae*



FAMILY: Macrobiotidae

TAXONOMIC COMMENTS: Currently no molecular data is available for this species.

SPECIES COMMENTS: Terrestrial. This species was first described from Roan Mt., TN. Reported only from Roan Mt and GSMNP. Apparently a Southern Appalachian endemic.

ID COMMENTS: Animals of large size. Smooth cuticle with pores. Eye-spots anterior. Wide buccal tube; evident buccal armature, with two consistent bands of teeth and with transverse crests. Two rod-shaped macroplacoids and microplacoid. Claws of the 'hufelandi' type, with lunulae. Eggs laid freely, with big conical reticulated processes inserted onto an areolate surface. -Guidetti 1998

DISTRIBUTION: Please refer to the dot map.

HABITAT: Soil / leaf litter. Rarely found in stream sediment.

OBSERVATION METHODS: DIC and PC.