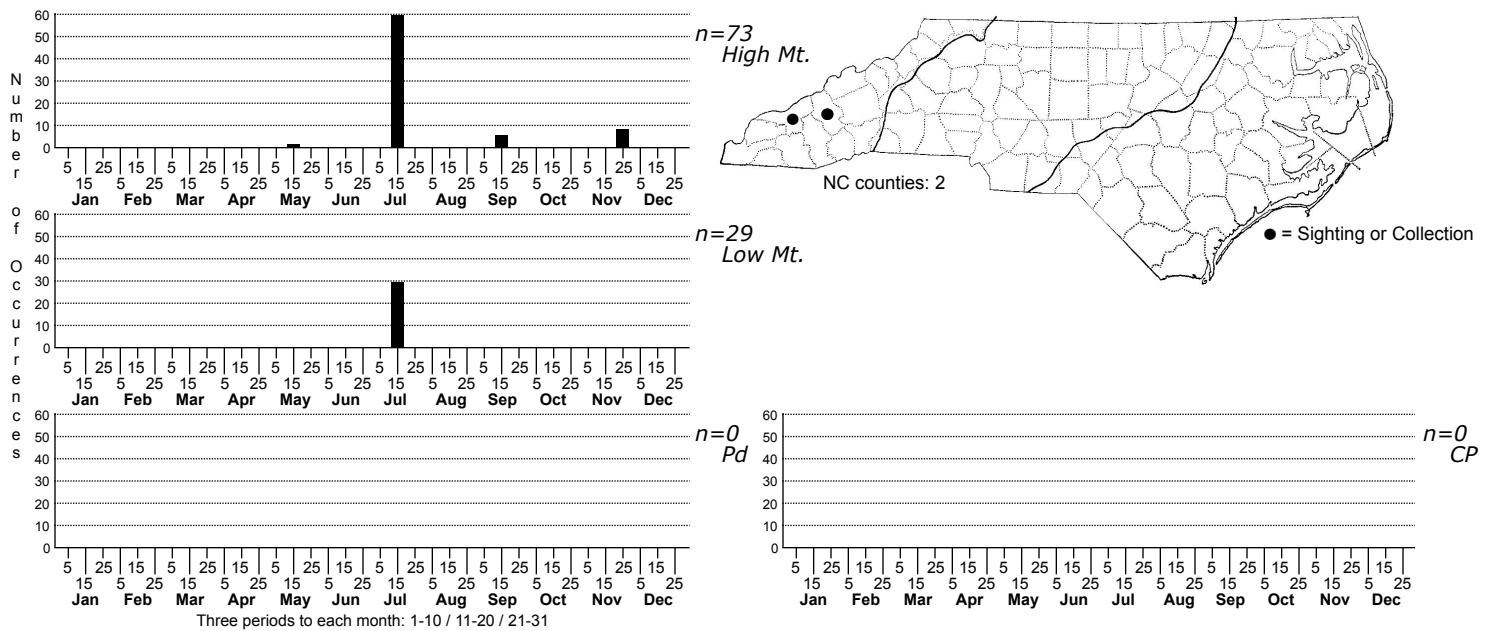


# Paramacrobiotus halei



## FAMILY: Macrobiotidae

TAXONOMIC COMMENTS: New species discovered in GSMNP. Transferred to Paramacrobiotus by Bartels & Nelson 2012. Part of the P. richtersi group, containing 3 macroplacoids and a microplacoid.

SPECIES COMMENTS: Terrestrial. New species discovered in GSMNP, named in honor of Gilbert Hale, student of Diane Nelson's at ETSU, who contributed extensively to lab work in the early stages of the Smokies tardigrade inventory.

ID COMMENTS: Colorless, cuticle with very small tubercles, quite difficult to see; very fine granules present on all legs, more evident on legs IV; eyes absent. Buccal armature in oral cavity of richtersi-type; buccal tube wide; stylet supports inserted on the buccal tube at 81.0-82.7% of its length; three macroplacoids and a microplacoid (far away from the third macroplacoid) present. Claws of the hufelandi-type; accessory points and lunules present. Eggs with truncated conical processes with a reticular design; egg shell areolated; areolae sculptured.

-Bartels et al. 2009

DISTRIBUTION: Please refer to the dot map.

HABITAT: Soil / leaf litter, less commonly in other terrestrial habitats.

OBSERVATION METHODS: DIC and PC.