

The Great Lakes Entomologist

Volume 29
Number 2 - Summer 1996 *Number 2 - Summer*
1996

Article 6

June 1996

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Recommended Citation

Snitgen, J. L. 1996. "New State Record for the Riffle Beetle *Microcyloepus Pusillus* (Coleoptera: Elmidae)," *The Great Lakes Entomologist*, vol 29 (2)
DOI: <https://doi.org/10.22543/0090-0222.1907>
Available at: <https://scholar.valpo.edu/tgle/vol29/iss2/6>

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NEW STATE RECORD FOR THE RIFFLE BEETLE
MICROCYLLOEPUS PUSILLUS (COLEOPTERA: ELMIDAE)

J. L. Snitgen¹

ABSTRACT

The riffle beetle *Microcyloopus pusillus* is reported from the Upper Peninsula of Michigan, representing a new state record.

A single adult, and nine larval *Microcyloopus pusillus* (LeConte) were collected from a small stream in the northern portion of the Upper Peninsula of Michigan. These were the only specimens collected during a distributional survey of the riffle beetles (Dryopidae, Elmidae, Psephenidae) of Marquette County in 1989–1990. A total of 981 adult and 3241 larval riffle beetles were collected from 100 collection sites within the county as part of a research project at Northern Michigan University.

There are no previously published records for this species in Michigan. The specimens were collected from gravel, partially decayed wood, and stones in a riffle area of a small, cold, clear stream flowing out of Charley Lake (T.45N – R.27W, Section 25). The adult keyed to *Microcyloopus pusillus pusillus* (LeConte) in Brown (1972), but several authors believe that this subspecies is merely a “color morph” of *M. pusillus* (Barr and Chapin 1988, Shepard 1990, Hilsenhoff and Schmude 1992). Brown (1983) reported the range of *M. pusillus pusillus* as occurring in 38 states ranging from California to Montana in the west and from Florida to Maine in the east. Records in the Great Lakes Region include New York, Ontario, and Wisconsin.

ACKNOWLEDGMENTS

I thank Dr. Donald A. Snitgen for support and encouragement, assistance in the field, and for providing specimens. I also thank Dr. Kurt L. Schmude for confirmation of species identifications and for review comments on the manuscript. This research was supported, in part, by a faculty research grant from Northern Michigan University.

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