

## SOME MAYFLIES (EPHEMEROPTERA) OF MIDDLE AND EAST TENNESSEE

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The purpose of this paper is to establish current distributional records for 25 species of mayflies collected between fall 1975 and spring 1976 from seven counties in Middle and East Tennessee. Wright and Berner (1949) had previously reported distributional records for numerous species from the same regions of Tennessee.

Specimens were either preserved in the field or returned to the laboratory, where the nymphs were reared to the imago stage. A listing of species, dates and locations of collections follow for Blount, DeKalb, Overton, Polk, Putnam, Roane and White Counties in Tennessee.

## BLOUNT COUNTY

- Isonychia tuscultanensis* Berner  
Pistol Creek, Maryville, Tennessee, May 26, 1976.  
*Stenacron interpunctatum* (Say)  
Pistol Creek, Maryville, Tennessee, May 26, 1976.

## DEKALB COUNTY

- Hexagenia limbata* (Serville)  
Center Hill Reservoir, Tech Aqua Dock, August 2, 1975.

## OVERTON COUNTY

- Paraleptophlebia jeanae* Berner  
Roaring River, May 4, 1976.  
*Ephemerella dorothea* Needham  
Roaring River, May 7, 1976.  
*Ephemerella needhami* McDunnough  
Roaring River, May 3, 1976.  
*Ephemerella temporalis* McDunnough  
Roaring River, May 7, 1976.  
*Ephemerella rotunda* Morgan  
Roaring River, May 4, 1976.  
*Isonychia bicolor* (Walker)  
Roaring River, May 4, 1976.  
*Pseudocloeon veteris* McDunnough  
Roaring River, May 2, 1976.

## POLK COUNTY

- Hexagenia limbata occulta* Walker  
Ocoee Reservoir Three, May 23, 1976.  
*Ephemerella guttulata* Pictet  
Tumbling Creek, Cherokee National Forest, May 22, 1976.  
*Ephemerella rotunda* Morgan  
Ocoee River, Copperhill, Tennessee, April 4, 1976.  
*Ephemerella invaria* (Walker)  
Ocoee River, Copperhill, Tennessee, March 28, 1976.  
*Epeorus plenralis* (Banks)  
Caney Creek, Cherokee National Forest, May 25, 1976.  
*Epeorus vitrea* (Walker)

Tumbling Creek, Cherokee National Forest, May 22, 1976.

*Stenonema quinquespinum* Lewis  
Caney Creek, Cherokee National Forest, May 25, 1976.

## PUTNAM COUNTY

- Caenis amica* Hagen  
Green Valley Herford Pond, May 14, 1976.  
*Ephemerella rotunda* Morgan  
Blackburn Fork, April 18, 1976.  
*Ephemerella septentrionalis* McDunnough  
Blackburn Fork, April 3, 1976.  
*Ameletus lineatus* Traver  
Mill Creek, Calf Killer Drainage, April 3, 1976.  
*Callibaetis fluctuans* (Waish)  
City Lake on Falling Water River, March 14, 1976.  
*Stenonema tripunctatum* (Banks)  
Blackburn Fork, April 14, 1976.  
*Stenonema annexum* Traver  
Blackburn Fork, April 11, 1976.

## ROANE COUNTY

- Leptophlebia cupida* (Say)  
Bear Creek, Oak Ridge, Tennessee, March 15, 1976.  
*Habrophlebiodes americana* (Banks)  
Grassy Creek, Oak Ridge, Tennessee, May 26, 1976.  
*Ephemerella needhami* McDunnough  
Bear Creek, Oak Ridge, Tennessee, April 16, 1976.  
*Ephemerella temporalis* McDunnough  
Bear Creek, Oak Ridge, Tennessee, April 20, 1976.  
*Ephemerella rotunda* Morgan  
Grassy Creek, Oak Ridge, Tennessee, April 20, 1976.  
*Stenonema tripunctatum* (Banks)  
Bear Creek, Oak Ridge, Tennessee, April 10, 1976.  
*Stenonema vicarium* (Walker)  
Grassy Creek, Oak Ridge, Tennessee, May 8, 1976.

## WHITE COUNTY

- Ephemerella needhami* McDunnough  
Taylor Creek above Fancher's Falls, April 14, 1976.  
*Ephemerella rotunda* Morgan  
Taylor Creek above Fancher's Falls, April 14, 1976.  
*Stenonema pulchellum* (Walsh)  
Taylor Creek above Fancher's Falls, April 14, 1976.

## ACKNOWLEDGMENTS

The authors would like to thank and express our appreciation to Dr. Wills Flowers, Laboratory of Aquatic Entomology, Florida A & M University and Mr. Philip A. Lewis (*Stenonema*), U. S. Environmental Protection Agency, Cincinnati for their verification of the specimens. Also, we would like to express sincere thanks to Dr. Eric L. Morgan, Director of the Environmental Biology Research Center, Tennessee Technological University, for use of laboratory facilities and for his encouragement.

## LITERATURE CITED

Wright, M. and Lewis Berner. 1949 Notes on the mayflies of eastern Tennessee. *Jour. Tenn. Acad. Sci.* 24(2):287-298.

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