

The Great Lakes Entomologist

Volume 21
Number 3 - Fall 1988 *Number 3 - Fall 1988*

Article 4

October 1988

Araphe Carolina in Illinois (Hemiptera: Largidae)

John K. Bouseman
Illinois Natural History Survey

Follow this and additional works at: <https://scholar.valpo.edu/tgle>



Part of the [Entomology Commons](#)

Recommended Citation

Bouseman, John K. 1988. "*Araphe Carolina* in Illinois (Hemiptera: Largidae)," *The Great Lakes Entomologist*, vol 21 (3)

DOI: <https://doi.org/10.22543/0090-0222.1644>

Available at: <https://scholar.valpo.edu/tgle/vol21/iss3/4>

This Peer-Review Article is brought to you for free and open access by the Department of Biology at ValpoScholar. It has been accepted for inclusion in The Great Lakes Entomologist by an authorized administrator of ValpoScholar. For more information, please contact a ValpoScholar staff member at scholar@valpo.edu.

ARAPHE CAROLINA IN ILLINOIS (HEMIPTERA: LARGIDAE)John K. Bouseman¹

Araphe carolina (Herrich-Schäffer) is a little-known species that has been recorded "from North Carolina south to Florida, thence west through Tennessee to Arizona and Baja California" (Halstead, 1972). Froeschner (1944) characterized it as a "scarce species" in recording it from five counties in the Ozark Region of southern Missouri. The purpose of this note is to provide the first records of *A. carolina* in Illinois and incidentally to provide the first record of any largid bug in the state.

On 11 and 12 June, 1966, I collected insects at Pine Hills Recreation Area in Union County, Illinois. While collecting from flowerheads of New Jersey tea, *Ceanothus americanus* (Rhamnaceae), at a site ca. 8 km. north of Wolf Lake, I took a macropterous female of *A. carolina* on the first day and a micropterous female on the second. This specific collection site was later used by McPherson and Mohlenbrock (1976) in their study of the Scutelleroidea of the LaRue-Pine Hills Ecological Area and designated "Collecting Site 15." The reader is referred to their study for a description of the collecting area.

No host information is available for *A. carolina*. The two Illinois records along with an earlier record (Banks, 1912) of a related largid bug, *Largus succinctus* L., on *Ceanothus americanus* in Virginia suggest that the association of largid bugs with this plant might be more than casual.

ACKNOWLEDGMENTS

This publication is a contribution of the Illinois Natural History Survey and the Illinois Agricultural Experiment Station, College of Agriculture, University of Illinois at Urbana-Champaign. It was supported in part by Hatch Project No. 12-0361, Biosystematics of Insects. Thanks are due to G. L. Godfrey and D. J. Voegtlin for their comments on a version of this paper and to J. E. McPherson for suggesting its publication.

LITERATURE CITED

- Banks, N. 1912. At the *Ceanothus* in Virginia. Entomol. News 23:102-110.
Froeschner, R. C. 1944. Contributions to a synopsis of the Hemiptera of Missouri, Pt. 3. Lygaeidae, Pyrrhocoridae, Piesmididae, Tingididae, Enicocephalidae, Phymatidae, Ploiariidae, Reduviidae, Nabidae. Amer. Midl. Nat. 31:638-683.
Halstead, T. F. 1972. A review of the genus *Araphe* Herrich-Schäffer. Pan-Pacific Entomol. 48:1-7.
McPherson, J. E., and R. H. Mohlenbrock. 1976. A list of the Scutelleroidea of the La Rue-Pine Hills Ecological Area with notes on biology. Great Lakes Entomol. 9:125-169.

¹Section of Economic Entomology, Illinois Natural History Survey, 607 E. Peabody, Champaign, IL 61820