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A Checklist of the Coccinellidae of Arkansas**

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ABSTRACT

A checklist of 49 species of Coccinellidae in Arkansas is updated by the inclusion of species from the reference collection of the University of Arkansas and the collection in the Louisiana State University.

This list extends the range of eight species. Distribution, ecological data if known, and references for their identification are included.

INTRODUCTION

Catalogues of the Coccinellidae list only the more common ones found within the boundaries of Arkansas. This list updates such lists and extends the known range of eight species (indicated by asterisk). Voucher specimens are in the collections of the University of Arkansas and Louisiana State University and are identified by Chapin (1974) and Wingo (1952).

The list consists of 49 species and includes distribution by county and ecological information if known.

FAMILY COCCINELLIDAE

SUBFAMILY STICHOLOTINAE

TRIBE SERANGIINI

Delphastus pusillus (LeConte). Sevier County; on crimson clover.

TRIBE STICHOLOTINI

Microwiseia misella (LeConte). Ashley, Johnson, and Washington Counties; on pine.

SUBFAMILY SCYMINAE

TRIBE STETHORINI

Stethorus punctum (LeConte). Johnson and Washington Counties; on pecan.

TRIBE SCYMNINI

Scymnus (Scymnus) indianensis Weise. Crawford County; on soybeans.

Scymnus (Scymnus) apicanus Chapin. Conway, Drew, Mississippi, and Washington Counties; numerous on ironweed; sometimes on Johnson grass and cotton.

Scymnus (Scymnus) paracanus Chapin. Ashley, Conway, Crawford, Lee, and Washington Counties; on bitterweed; sometimes on corn and cotton.

**Scymnus (Pullus) punctatus* Melsheimer. Mississippi County; in a malaise trap from a cotton-alfalfa strip crop field.

**Scymnus (Pullus) louisianae* Chapin. Franklin and Washington Counties; in greenhouse on both cotton and corn.

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Scymnus (Pullus) fraternus LeConte. Mississippi County; in malaise trap from cotton-alfalfa strip crop.

Scymnus (Pullus) rubricaudus Casey. Johnson and Polk Counties; on pine.

Scymnus (Pullus) loewii Mulsant. Calhoun, Chicot, Conway, Crawford, Desha, Hempstead, Lincoln, Mississippi, and Washington Counties; numerous on crops of alfalfa, corn, cotton, pecan, and sweet potatoes.

Scymnus (Pullus) cervicalis Mulsant. Franklin, Johnson, St. Francis, and Washington Counties; on pecan.

Scymnus (Pullus) creperus Mulsant. Conway, Crawford, Desha, Hempstead, Washington and White Counties, on cotton and soybeans.

Scymnus (Pullus) socer LeConte. Desha County; on cotton.

Scymnus (Pullus) uncus Wingo. Mississippi County; in a malaise trap in cotton.

Scymnus (Pullus) compar Casey. Franklin County; on pecan.

Scymnus (Nephus) intrusus Horn. Bradley and Crawford Counties; on crimson clover.

Scymnus (Diomus) amabilis LeConte. Washington County.

Scymnus (Diomus) terminatus Say. Arkansas, Benton, Conway, Crawford, Cross, Desha, Hempstead, Lee, Little River, Lonoke, Mississippi, Pulaski, Saline, Washington, and Yell Counties; on cotton, soybeans, sweet potatoes, and wheat.

**Cephaloscymnus zimmermanni zimmermanni* Crotch. Johnson County; on apple.

TRIBE HYPERASPINI

Hyperaspis pinorum Casey. Ashley County; on pine.

**Hyperaspis rivularis* Dobzhansky. Washington County.

Hyperaspis bigeminata (Randall). Desha and Washington Counties; on *Forsytha* sp., in malaise traps in cotton, cotton-sorghum strips, and on oats.

Hyperaspis fimbriolata Melsheimer. Washington, White, and Yell Counties; on wheat.

Hyperaspis undulata (Say). Desha, Mississippi Counties; in malaise traps in cotton and cotton-sorghum strips.

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Brachyacantha dentipes (Fabricius), Washington County.

Brachyacantha felina (Fabricius), Franklin, Mississippi, and Washington Counties; on cotton.

**Brachyacantha testudo* Casey, Crawford, Desha, and Madison Counties; in malaise traps in hardwood forests and in lawns.

SUBFAMILY CHILOCORINAE

TRIBE CHILOCORINI

Axion tripustulatum (DeGeer), Lee, Pulaski, Sebastian, and Washington Counties; on oak.

Chilocorus stigma (Say), Benton, Crittenden, Desha, Franklin, Johnson, Poinsett, Van Buren, and Washington Counties; on pecan.

Exochomus marginipennis (LeConte), Clark, Crawford, Faulkner, Franklin, Grant, Jackson, Johnson, Lafayette, Little River, Logan (LSUC), Mississippi, Pulaski, Sevier, and Washington Counties.

SUBFAMILY COCCINELLINAE

TRIBE COCCINELLINI

Coleomegilla maculata lengi (Timberlake), Arkansas, Conway, Crawford, Hempstead, Hot Springs, Howard, Jefferson, Lafayette, Lee, Madison, Mississippi, Poinsett, Sevier, Washington, and White Counties; on alfalfa and cotton.

**Hippodamia tredecimpunctata tibialis* (Say), Conway, Mississippi, Pope, and Pulaski Counties; in light traps.

**Hippodamia parenthesis* (Say), Craighead, Mississippi, and Washington Counties; on alfalfa.

Hippodamia quindecimmaculata Mulsant, Conway County; on alfalfa.

Hippodamia convergens Guerin-Meneville, Arkansas, Benton, Conway, Crawford, Drew, Faulkner, Franklin, Hempstead, Howard, Lafayette, Lee, Lincoln, Mississippi, Nevada, Pulaski, Washington, and White Counties.

Neoharmonia venusta venusta (Melsheimer), Desha, Hempstead, Little River, and Washington Counties; on cottonwood.

Coccinella novemnotata Herbst, Benton, Bradley, Chicot, Clark, Conway, Crawford, Cross, Desha, Drew, Franklin, Hempstead, Jefferson, Johnson, Lafayette, Lee, Lincoln, Logan (LSUC), Mississippi, Nevada, Phillips, Pope, Washington, White, and Yell Counties.

Cycloneda munda (Say), Arkansas, Clark, Conway, Crawford, Desha, Franklin, Jefferson, Lincoln, Lonoke, Madison, Mississippi, Sevier, Washington, White, and Yell Counties.

Cycloneda sanguinea (Linnaeus), Jefferson and Desha Counties.

Olla abdominalis (Say), Arkansas, Ashley, Conway, Crawford, Desha, Franklin, Hempstead, Jefferson, Johnson, Little River, Lonoke, Madison, Mississippi, Phillips, Sebastian, Sevier, Washington, and Yell Counties.

Adalia bipunctata (Linnaeus), Jefferson (LSUC), Mississippi, Washington, and Yell Counties; on bark lice on spruce.

Mulsantina picta (Randall), Calhoun County; on pine.

Anatis quindecimpunctata (Olivier), Desha, Johnson, Mississippi, and Washington Counties.

Neomysia oblongoguttata pullata (Say), Conway, Crawford, Desha, Drew, Grant, Johnson, Lee, Lincoln, Logan (LSUC), Mississippi, Polk, Pulaski, and Washington Counties. A long series in the LSUC was collected at catalpa nectaries in the town of Magazine, Arkansas.

TRIBE PSYLLOBORINI

Psyllobora vigintimaculata (Say), Benton, Conway, Desha, Lafayette, Madison, Mississippi, Washington, and Yell Counties and LSUC.

**Psyllobora renifera* Casey, Mississippi and Washington Counties.

SUBFAMILY EPILACHNINAE

Epilachna borealis (Fabricius), Baxter, Mississippi, and Washington Counties.

Epilachna varivestis Mulsant, Chicot, Desha, Washington, and White Counties.

LITERATURE CITED

- CHAPIN, J.B. 1974. The Coccinellidae of Louisiana (Insecta: Coleoptera). La. Agri. Expt. Sta. Bull. 682:2-87.
- WINGO, C.W. 1952. The Coccinellidae (Coleoptera) of the upper Mississippi basin. Iowa State Coll. J. Sci. 27:15-53.