

AN ANNOTATED LIST OF THE MIRIDAE (HETEROPTERA) FOUND
IN THE YAZOO-MISSISSIPPI DELTA AND ASSOCIATED
AREAS IN ARKANSAS AND LOUISIANA

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Abstract.—A list of the Miridae found in the Yazoo-Mississippi Delta and in associated areas in Arkansas and Louisiana is compiled from sweepnet, beating net, and black light trap samples taken from September 1981 through October 1982, and during May 1983. A total of 107 species representing 47 genera are reported. Thirty-nine species are considered new state records for Mississippi, 10 for Louisiana, and 5 for Arkansas. Months of collection, hosts, and methods of collection are given for each species studied.

The plant bug family Miridae is the largest and most diverse family found in the Hemiptera-Heteroptera. Most species are phytophagous, although an increasingly large number of species are known to be predatory. The best sources for information on the distribution and life cycles of species occurring in the eastern United States are the works of Blatchley (1926) and Knight (1923, 1941). In the Southeast, species of Miridae have been listed from Florida (Frost, 1964, 1966, 1969, and 1975), Georgia (Henry and Smith, 1979), Louisiana and Mississippi (Khalaf, 1971), North Carolina (Brimley, 1938; Wray, 1950 and 1967), and West Virginia (Wheeler et al., 1983).

The mirid species composition of the Yazoo-Mississippi Delta (Fig. 1) is largely unrecorded, with the exception of several crop species. The Delta, one of ten physiographic regions in Mississippi, is drained by several streams that empty into the Yazoo River that in turn empties into the Mississippi River near Vicksburg, MS. It is one of the most fertile bodies of land in the world (Bennett, 1921), and most of the land has been cleared of its native vegetation for crop production. The forests that remain are mostly restricted to state and national parks and the area found between the Mississippi River and its flood levees. Areas found along drainage ditches and between the ditches and cultivated land contain many of the species of woody and herbaceous vascular plants found in the Delta. The vascular flora of the Delta differed from that of surrounding areas by lacking at least 28 native species of trees, although many now have been introduced (Gunn et al., 1980; Little, 1971 and 1977). In addition to habitat reduction, the mirid fauna of the Delta has also been pressured by the use of insecticides for agricultural pests. In the past, insecticides were commonly applied to crops (especially cotton)

on a scheduled basis regardless of need, and the use of more than 10 applications in a single season was not uncommon. These insecticides may have reduced the number of mirid species in the Delta because of the proximity of many of the suitable mirid habitats to sprayed fields. Because of the importance of the Delta as an agricultural area, this study was initiated to investigate and understand more fully plant bug-host relationships and plant bug distribution in the Delta. This study also helps document the species composition of Miridae found in the Delta so that changes in the mirid fauna potentially can be detected.

Miridae listed here were collected from September 1981 through October 1982, and during May 1983, at the sample locations shown in Fig. 1. Miridae were taken by sweepnet from the main crops and by sweepnet and beating net from wild plants growing in or near the crops. Samples were taken at each location at least on a monthly basis, except for samples at Vicksburg and Port Gibson, Mississippi that were taken during May 1983. Additional specimens also were collected in black light traps located at Greenville, MS; Mound, LA; and West Memphis, AR. A few species of Miridae were collected in pitfall traps placed in a small wooded area near Stoneville, MS. Seven-hundred and eleven host-plant specimens were collected and are deposited at The Institute for Botanical Exploration, Botany Department, Mississippi State University, Mississippi State, MS.

One hundred and seven species of Miridae representing 7 subfamilies, 13 tribes, and 47 genera were collected in the study. All were identified by the second author; specimens are deposited at the Mississippi Entomological Museum, Entomology Department, Mississippi State University, and the U.S. National Museum of Natural History. The classification system used in the list follows that used by Wheeler et al. (1983). All apparent new state records are marked with an asterisk. Although five possibly new species were discovered, they are not included in the present work. They will be treated in future papers by the second author.

State, county, and plant host(s) (when available) are given for each species. Those species collected in a black light trap (BLT) are indicated. During some months only adults or only nymphs were collected on the host plant(s) listed. These months are preceded by (A) for adults only, or (N) for nymphs only. Authors and common names for the host plants are given in Table 1.

SUBFAMILY ISOMETOPINAE

Tribe Diphlebini

Diphleps unica Bergroth. *MISSISSIPPI—Washington Co.: (A) July, on *Taxodium distichum*.

Tribe Isometopini

Corticoris signatus (Heidemann). *MISSISSIPPI—Washington Co.: (A) June, on *Taxodium distichum*.

SUBFAMILY PHYLINAE

Tribe Phylini

Keltonia sulphurea (Reuter). ARKANSAS—Phillips Co.: Aug.–Sept., on *Ambrosia artemisiifolia*; Sept., on *Eupatorium serotinum*. Chicot Co.: Sept., on *Iva annua* and *A. artemisiifolia*. Desha Co.: (A) Sept., on *Xanthium strumarium*. LOUI-

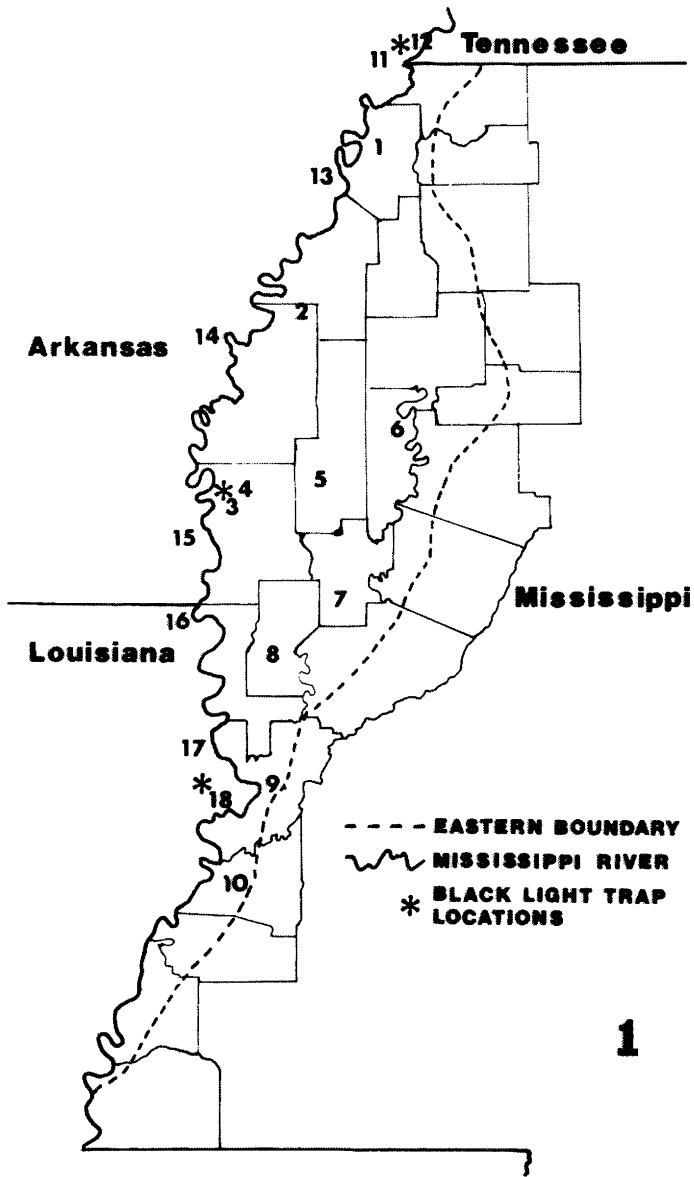


Fig. 1. Sample locations used in the Yazoo-Mississippi Delta and associated areas in Arkansas and Louisiana (redrawn after Gunn et al., 1980). The sample locations were: (1) Tunica, MS, Tunica Co.; (2) Alligator, MS, Bolivar Co.; (3) Greenville, MS, Washington Co.; (4) Stoneville, MS, Washington Co.; (5) Indianola, MS, Sunflower Co.; (6) Money, MS, Leflore Co.; (7) Louise, MS, Humphreys Co.; (8) Onward, MS, Sharkey Co.; (9) Vicksburg, MS, Warren Co.; (10) Port Gibson, MS, Claiborne Co.; (11) Shearerville, AR, Crittenden Co.; (12) West Memphis, AR, Phillips Co.; (13) Marvel, AR, Phillips Co.; (14) Watson, AR, Desha Co.; (15) Lake Village, AR, Chicot Co.; (16) Millikin, LA, East Carroll Par.; (17) Talla Bena, LA, Madison Par.; (18) Mound, LA, Madison Par.

Table 1. Host plants of Miridae in the Yazoo-Mississippi Delta and associated areas in Arkansas and Louisiana.

Scientific Name	Common Name
<i>Acer negundo</i> L.	boxelder
<i>Allium vineale</i> L.	wild garlic
<i>Amaranthus hybridus</i> L.	smooth pigweed
<i>A. palmeri</i> Wats.	Palmer amaranth
<i>A. retroflexus</i> L.	redroot pigweed
<i>A. spinosus</i> L.	spiny amaranth
<i>A. viridis</i> L.	slender amaranth
<i>Ambrosia artemisiifolia</i> L.	common ragweed, small ragweed
<i>A. trifida</i> L.	giant ragweed
<i>Amorpha fruticosa</i> L.	false-indigo
<i>Ampelopsis arborea</i> (L.) Koehne	peppervine
<i>Anoda cristata</i> (L.) Schlecht.	spurred anoda
<i>Anthemis cotula</i> L.	mayweed
<i>Aster pilosus</i> Willd.	white heath aster, frost aster
<i>A. subulatus</i> Michx. var. <i>ligulatus</i> Shinnery	aster
<i>Baccharis halimifolia</i> L.	groundsel-tree, eastern baccharis
<i>Berchemia scandens</i> (Hill) K. Koch	Alabama supplejack
<i>Bidens frondosa</i> L.	devils beggarticks
<i>Bromus japonicus</i>	Japanese brome
<i>Brunnichia ovata</i> (Wah.) Shinnery	ladies' eardrops
<i>Carya aquatica</i> (Michx. f.) Nutt.	water hickory
<i>C. illinoensis</i> (Wang) K. Koch	pecan
<i>Cassia fasciculata</i> Michx.	partridge-pea
<i>Celtis laevigata</i> Willd.	sugarberry
<i>Cephalanthus occidentalis</i> L.	buttonbush
<i>Chenopodium album</i> L.	common lambsquarters
<i>C. ambrosioides</i> L.	Mexican-tea
<i>Commelina virginica</i> L.	dayflower
<i>Coreopsis tinctoria</i> Nutt.	plains coreopsis, tickseed
<i>Cornus drummondii</i> C. A. Mey	roughleaf dogwood
<i>C. stricta</i> Lam.	swamp dogwood
<i>Crataegus viridis</i> L.	green hawthorn
<i>Croton capitatus</i> Michx.	woolly croton
<i>Cynodon dactylon</i> (L.) Pers.	bermudagrass
<i>Cyperus rotundus</i> L.	purple nutsedge, cocograss
<i>Digitaria ciliaris</i> (Retz.) Koel.	southern crabgrass
<i>Diospyros virginiana</i> L.	persimmon
<i>Dracopis amplexicaulis</i> (Vahl) Cass.	coneflower
<i>Eclipta alba</i> (L.) Hassk.	eclipta, yerba de tajo
<i>Eleusine indica</i> (L.) Gaertn	goosegrass
<i>Erigeron annuus</i> (L.) Pers.	annual fleabane
<i>E. bonariensis</i> L.	erigeron
<i>E. canadensis</i> L.	horseweed
<i>E. philadelphicus</i> L.	daisy fleabane, Philadelphia fleabane
<i>E. strigosus</i> Muhl. ex. Willd.	rough fleabane
<i>Eupatorium capillifolium</i> (Lam.) Small	dog-fennel
<i>E. incarnatum</i> Walt.	eupatorium
<i>E. serotinum</i> Michx.	late eupatorium
<i>Euphorbia humistrata</i> A. Gray	silver-leafed spurge
<i>E. maculata</i> L.	prostrate spurge, spotted spurge
<i>E. nutans</i> Lag.	eyebane

Table 1. Continued.

Scientific Name	Common Name
<i>Forestiera acuminata</i> (Michx.) Poir.	swamp privet
<i>Fraxinus pennsylvanica</i> Marsh.	green ash
<i>Galium aparine</i> L.	catchweed bedstraw
<i>Geranium carolinianum</i> L.	Carolina geranium
<i>G. dissectum</i> L.	cutleaf geranium
<i>Gossypium hirsutum</i> L.	cotton
<i>Gleditsia triacanthos</i> L.	honey-locust
<i>Glycine max</i> (L.) Merr.	soybean
<i>Hackelia virginiana</i> (L.) Johnst.	beggar's lice
<i>Haplopappus divaricatus</i> (Nutt.) Gray	haplopappus
<i>Helenium amarum</i> (Raf.) H. Rock	bitter sneezeweed, bitterweed
<i>Helianthus grosse-serratus</i> Martens	sawtooth sunflower
<i>Heterotheca latifolia</i> Buckl.	heterotheca
<i>Hordeum pusillum</i> Nutt.	little barley
<i>Ilex decidua</i> Walt.	deciduous yaupon, possum-haw
<i>Ipomoea hederacea</i> (L.) Jacquin	ivyleaf morning glory
<i>Iva annua</i> L.	marsh elder
<i>Juniperus virginiana</i> L.	eastern red-cedar
<i>Lamium amplexicaule</i> L.	henbit
<i>Laportea canadensis</i> (L.) Gaud.	wood nettle
<i>Lathyrus hirsutus</i> L.	caley-pea
<i>Lepidium virginicum</i> L.	Virginia pepperweed, peppergrass
<i>Leptochloa panicoides</i> (Presl.) Hitchc.	sprangletop
<i>Ligustrum japonicum</i> Thunb.	Japanese privet
<i>Liquidambar styraciflua</i> L.	sweetgum
<i>Lythrum lanceolatum</i> Ell.	winged loosestrife
<i>Ludwegia alternifolia</i> L.	seedbox
<i>L. decurrens</i> Walt.	primrose-willow
<i>L. glandulosa</i> Walt.	marsh-purslane
<i>Matricaria matricarioides</i> (Less.) Porter	pineappleweed
<i>Medicago arabica</i> (L.) Huds.	spotted burclover
<i>M. sativa</i> L.	alfalfa
<i>Mikania scandens</i> (L.) Willds.	climbing hempweed
<i>Morus rubra</i> L.	red mulberry
<i>Oenothera biennis</i> Nutt.	common eveningprimrose
<i>O. laciniata</i> Hill.	cutleaf eveningprimrose
<i>O. speciosa</i> Nutt.	white eveningprimrose
<i>Parthenium hysterophorus</i> L.	ragweed parthenium
<i>Phytolacca americana</i> L.	common pokeweed
<i>Pluchea camphorata</i> (L.) DC.	stinkweed
<i>Polygonum aviculare</i> L.	prostrate knotweed
<i>P. coccineum</i> Muhl. ex. Willd.	swamp smartweed, shoestring smartweed
<i>P. hydropiperoides</i> Michx.	mild smartweed, wild waterpepper
<i>P. lapathifolium</i> L.	pale smartweed, dock-leaved smartweed
<i>P. pensylvanicum</i> L.	Pennsylvanica smartweed, pinkweed
<i>P. punctatum</i> Ell.	dotted smartweed, water smartweed
<i>Populus deltoides</i> Marsh.	eastern cottonwood
<i>Portulaca oleracea</i> L.	common purslane
<i>Pyrrhopappus carolinianus</i> (Watl.) DC.	Carolina false-dandelion
<i>Quercus nigra</i> L.	water oak
<i>Ranunculus sardous</i> Crantz	hairy buttercup
<i>Rhus glabra</i> L.	smooth sumac

Table 1. Continued.

Scientific Name	Common Name
<i>R. toxicodendron</i> L.	poison oak
<i>Robinia pseudoacacia</i> L.	black locust
<i>Rumex crispus</i> L.	curly dock, sour dock
<i>Salix nigra</i> Marsh.	black willow
<i>Sambucus canadensis</i> L.	American elderberry
<i>Saururus cernus</i> L.	lizardtail
<i>Senecio glabellus</i> Poir.	cressleaf groundsel, butterweed
<i>Sesbania exaltata</i> (Raf.) ex. A. W. Hill	hemp sesbania, coffeeweed
<i>Setaria geniculata</i> (Lam.) Beauv.	knotroot foxtail, prairie foxtail
<i>Sherardia arvensis</i> L.	field madder
<i>Solanum carolinense</i> L.	horsenettle
<i>S. elaeagnifolium</i> Cav.	silverleaf nightshade, white horsenettle
<i>Solidago altissima</i> L.	goldenrod
<i>Sonchus asper</i> (L.) Hill	spiny sowthistle
<i>Sorghum halepense</i> (L.) Pers.	johnsongrass
<i>Spilanthes americana</i> (Walt.) A. H. Moore	spilanthes
<i>Stellaria media</i> L. Cyrillo	chickweed
<i>Taxodium distichum</i> (L.) Rich.	bald cypress
<i>Torilis arvensis</i> (Huds.) Link	hedge parsley
<i>Trepocarpus aethusae</i> Nutt.	trepocarpus
<i>Trifolium incarnatum</i> L.	crimson clover
<i>T. repens</i> L.	white clover
<i>T. resupinatum</i> L.	Persian clover
<i>Triticum aestivum</i> L.	wheat
<i>Ulmus americana</i> L.	American elm
<i>Verbena bonariensis</i> L.	tall vervain
<i>V. brasiliensis</i> Vell.	vervain
<i>Vicia</i> sp.	vetch
<i>V. angustifolia</i> L.	narrow-leaved vetch
<i>Vitis cinerea</i> Millardet	pigeon grape
<i>Xanthium strumarium</i> L.	heartleaf cocklebur

SIANA—Madison Par.: May, BLT. East Carroll Par.: (A) July, on *Heterotheca latifolia*. MISSISSIPPI—Washington Co.: June, Sept., BLT; (A) June, on *Ambrosia trifida*; (A) Aug., on *Erigeron canadensis* and *Helenium amarum*; Sept., on *I. annua*; (A) Sept., on *Aster pilosus*, *E. serotinum*, and *Haplopappus divaricatus*. Tunica Co.: (A) July, on *Oenothera laciniata*; Oct., on *A. artemisii-folia*. Leflore Co.: (A) Oct., on *A. pilosus*.

Lepidopsallus miniatus Knight. *ARKANSAS—Crittenden Co.: (A) Apr., on *Vicia angustifolia*.

L. rubidus (Uhler). *LOUISIANA—Madison Par.: (A) June, on *Salix nigra*. MISSISSIPPI—Washington Co.: June, BLT.

Plagiognathus caryae Knight. MISSISSIPPI—Washington Co.: June, BLT; May, on *Carya illinoensis*; (A) June, on *C. illinoensis*. Claiborne Co.: (N) May, on *C. illinoensis*.

P. cornicola Knight. *MISSISSIPPI—Washington Co.: May, on *Cornus drummondii*; (A) June, on *C. drummondii*.

P. dispar Knight. *LOUISIANA—Madison Par.: May, BLT.

- P. fuscus* (Provancher). *MISSISSIPPI—Washington Co.: June, BLT; (A) May–June, on *Cornus stricta*.
- P. geminus* Knight. MISSISSIPPI—Washington Co.: May, on *Ilex decidua*.
- P. gleditsiae* Knight. *MISSISSIPPI—Washington Co.: May, on *Gleditsia triacanthos*.
- P. politus* Uhler. MISSISSIPPI—Claiborne Co.: May, on *Solidago altissima*.
- Pseudatomoscelis seriatus* (Reuter). ARKANSAS—Chicot Co.: (A) May, on *Vicia angustifolia*, *Oenothera laciniata*, and *Lepidium virginicum*; May–June, on *O. laciniata* and *Oenothera speciosa*; June, on *Torilis arvensis*; (A) July, on *Gossypium hirsutum*; August, on *Oenothera biennis*; Sept.–Oct., on *Croton capitatis*; Sept., on *Cassia fasciculata*; (A) Sept., on *Polygonum coccineum*; (A) Oct., on *Erigeron canadensis*. Crittenden Co.: (A) Aug., on *Polygonum lapathifolium*. Phillips Co.: (A) July, on *Helenium amarum*. Desha Co.: (A) May, on *O. speciosa*; (A) June, on *Erigeron annuus*; June, on *O. laciniata*; (A) July, on *Lythrum lanceolatum*; Sept., on *C. capitatis*. LOUISIANA—East Carroll Par.: (A) May, on *O. laciniata* and *O. speciosa*; June, on *O. laciniata*; (A) June, on *T. arvensis*. Madison Par.: May, Sept.–Oct., BLT; May, on *O. speciosa*; (A) May, on *O. laciniata*; June, on *O. laciniata*; (A) June, on *O. speciosa*, *T. arvensis*, *G. hirsutum*, and *Glycine max*; (A) July, on *Polygonum pensylvanicum* and *Ambrosia artemisiifolia*; (A) Aug., on *Medicago sativa*; (A) Oct., on *Eupatorium incarnatum* and *C. capitatis*. MISSISSIPPI—Washington Co.: May–July, Sept., BLT; (A) May, on *Trifolium incarnatum*, *O. laciniata*, and *Erigeron philadelphicus*; May–June, on *O. speciosa*; (A) June on *Solanum elaeagnifolium*; June–July, on *O. laciniata*; June, on *Anthemis cotula*; (N) July, on *Coreopsis tinctoria*; (A) July, on *O. speciosa*, and *E. annuus*; July, on *Parthenium hysterophorus*; July–Oct., on *C. capitatis*; (A) Aug.–Sept., on *P. pensylvanicum*; (A) Sept., on *Helenium amarum* and *P. hysterophorus*. Sunflower Co.: May, on *Vicia angustifolia*, *A. cotula*, and *O. speciosa*; May–June, on *O. laciniata*; June–Sept., on *C. capitatis*; (A) June–Aug., on *G. hirsutum*; July, on *E. annuus*; (N) July, on *Pyrrhopappus carolinianus*; (A) Aug., on *Aster pilosus*, *Amaranthus viridis*, *P. pensylvanicum*, and *Polygonum hydropiperoides*. Leflore Co.: (A) May–June, on *E. annuus*; (A) May, on *O. speciosa* and *O. laciniata*; June, on *O. laciniata*; June–Sept., on *C. capitatis*; July, on *H. amarum*. Sharkey Co.: (A) May, on *Stellaria media*, *O. laciniata*, *Polygonum aviculare*, and *Geranium dissectum*; June–July, on *O. laciniata*; July, on *Erigeron bonariensis*; (A) Aug., on *P. aviculare*. Humphreys Co.: (A) May, on *O. speciosa*; June, on *O. laciniata*; (A) July, on *O. laciniata*; Sept.–Oct., on *C. capitatis*; (A) Sept., on *Verbena brasiliensis*. Bolivar Co.: (A) May, on *O. laciniata* and *A. cotula*; (A) June, on *E. annuus*; June, on *O. laciniata*. Tunica Co.: (A) May, on *O. laciniata*; (A) June, on *O. speciosa*; July, on *O. laciniata*.
- Reuteroscopus ornatus* (Reuter). LOUISIANA—Madison Par.: May, BLT; (A) Aug., on *Chenopodium album* and *Ambrosia artemisiifolia*. MISSISSIPPI—Washington Co.: June, BLT.
- Rhinacloa forticornis* Reuter. MISSISSIPPI—Washington Co.: (A) Oct., on *Ulmus americana*.
- Spanagonicus albofasciatus* (Reuter). ARKANSAS—Phillips Co.: (A) Aug., on *Euphorbia maculata*; (A) Sept., on *Xanthium strumarium*; Sept., on *Polygonum aviculare*. Crittenden Co.: Oct., on *P. aviculare*; (N) Oct., on *E. maculata*; (A)

- Jan., on *Lamium amplexicaule*; Aug., on *E. maculata* and *Helenium amarum*. LOUISIANA—East Carroll Par.: (N) Aug., on *E. maculata*; Sept., on *P. aviculare* and *Portulaca oleracea*. Madison Par.: July, on *Medicago sativa* and *Amaranthus spinosus*; (A) Aug., on *M. sativa*; Sept., on *P. aviculare*; (A) Oct., on *A. spinosus*. MISSISSIPPI—Washington Co.: June, Aug.–Oct., BLT; (A) Jan., on *L. amplexicaule*; July, on *Parthenium hysterophorus*; (A) July, on *P. oleracea*; (A) Sept., on *H. amarum*; (A) Oct., on *P. oleracea*. Leflore Co.: Aug., on *E. maculata*; (A) Aug., on *Erigeron canadensis*; (N) Aug., on *P. aviculare* and *Euphorbia humistrata*; (A) July, on *H. amarum*; (A) Sept., on *E. maculata*; (A) Oct., on *P. aviculare*; (N) Oct., on *E. maculata*; (A) Dec., on *Trifolium incarnatum*. Humphreys Co.: (A) Sept., on *Iva annua*; (A) Oct., on *P. oleracea*. Sharkey Co.: (A) Apr., on *Trifolium repens*; (A) May, *Oenothera laciniata*; (A) July, on *Amaranthus viridis*; (A) Aug., *P. aviculare*; (A) Sept.–Oct., on *P. oleracea*. Bolivar Co.: (A) July, on *P. oleracea*. Sunflower Co.: Aug., on *A. viridis*. Tunica Co.: (A) Aug., on *Solanum carolinense*; (N) Aug., on *E. maculata*; Sept., on *P. aviculare* and *P. oleracea*; (A) Sept., on *X. strumarium*; (N) Sept., on *E. maculata*.
- Sthenarus mcateei* Knight. MISSISSIPPI—Washington Co.: June, on *C. drummondii*; (A) June, on *Ampelopsis arborea*; (A) July, on *Vitis cinerea*, and *Ampelopsis arborea*.

SUBFAMILY ORTHOTYLINAE

Tribe Ceratocapsini

- Ceratocapsus blatchleyi* Henry. *MISSISSIPPI—Washington Co.: July–Aug., Oct., BLT.
- C. fuscinus* Knight. LOUISIANA—Madison Par.: June–July, Sept., BLT. MISSISSIPPI—Washington Co.: May–July, BLT; June, on *Ampelopsis arborea* and *Brunnichia ovata*.
- C. insperatus* Blatchley. *MISSISSIPPI—Washington Co.: May, BLT.
- C. modestus* (Uhler). *MISSISSIPPI—Washington Co.: May–June, BLT.
- C. pumilus* (Uhler). MISSISSIPPI—Washington Co.: June, BLT; (A) June, on *Ulmus americana*, *Ligustrum japonicum*, *Carya illinoensis*, *Vitis* spp., *Liquidambar styraciflua*, and *Cephalanthus occidentalis*. Bolivar Co.: (A) June, on *Robinia pseudoacacia*.
- C. punctatus* (Reuter). ARKANSAS—Chicot Co.: (A) June, on *Taxodium distichum*. LOUISIANA—Madison Par.: May–Oct., BLT; June, on *T. distichum*; (A) July, on *Medicago sativa*. MISSISSIPPI—Washington Co.: July, BLT; June, on *T. distichum*; (A) July, on *T. distichum* and *Cephalanthus occidentalis*.
- C. quadrispiculus* Knight. LOUISIANA—Madison Par.: June, BLT. *MISSISSIPPI—Washington Co.: June, BLT; (A) May, on *Salix nigra*; (A) June, on *Cephalanthus occidentalis*. Sunflower Co.: (A) June, on *C. occidentalis*.
- C. seticornis* Knight. *LOUISIANA—Madison Par.: July, BLT. *MISSISSIPPI—Washington Co.: June–Oct., BLT.
- C. setosus* Reuter. MISSISSIPPI—Washington Co.: July, BLT.
- C. spinosus* Henry. *MISSISSIPPI—Washington Co.: June, BLT.
- C. taxodii* Knight. LOUISIANA—Madison Par.: June, on *Taxodium distichum*. MISSISSIPPI—Washington Co.: June, Aug., BLT; May–July, on *T. distichum*.

C. uniformis Knight. MISSISSIPPI—Washington Co.: (A) Aug., on *Vitis cinerea*.
C. wheeleri Henry. *LOUISIANA—Madison Par.: Aug., BLT.

Tribe Orthotylini

- Diaphnocoris chlorionis* (Say). MISSISSIPPI—Washington Co.: May, on *Gleditsia triacanthos*. Warren Co.: (A) May, on *G. triacanthos*.
- Halticus bractatus* (Say). LOUISIANA—Madison Par.: (A) July, on *Amaranthus spinosus*; (A) Aug., on *Medicago sativa*. MISSISSIPPI—Washington Co.: (A) Aug., on *Phytolacca americana*; (N) Aug., on *Portulaca oleracea*.
- Heterocordylus malinus* Slingerland. MISSISSIPPI—Washington Co.: Apr., on *Crataegus viridis*; (A) May, on *C. viridis*.
- Ilnacora stalii* Reuter. ARKANSAS—Crittenden Co.: Sept., BLT. LOUISIANA—Madison Par.: June, Aug., BLT. MISSISSIPPI—Washington Co.: June, BLT. Claiborne Co.: May, on *Ambrosia trifida*.
- Labopidicola allii* (Knight). *MISSISSIPPI—Sunflower Co.: Apr., on *Allium vineale*. Washington Co.: (A) May, on *A. vineale*.
- L. geminatus* (Johnston). *ARKANSAS—Phillips Co.: (A) Apr., on *Allium vineale*; (A) Oct., on *A. vineale*.
- Lopidea heidemanni* Knight. ARKANSAS—Phillips Co.: Apr., on *Sherardia arvensis*; (A) May, on *Oenothera laciniata*. MISSISSIPPI—Washington Co.: (A) May, on *Ilex decidua*; (A) June, on *Anthemis cotula*.
- L. robiniae* (Uhler). LOUISIANA—Madison Par.: (A) June, on *Robinia pseudoacacia*. MISSISSIPPI—Warren Co.: (N) May, on *R. pseudoacacia*.
- Orthotylus basicornis* Knight. LOUISIANA—Madison Par.: May, BLT. *MISSISSIPPI—Washington Co.: May–June, BLT.
- O. celtidis* Henry. *MISSISSIPPI—Washington Co.: (A) May, on *Celtis laevigata*.
- O. juglandis* Henry. *LOUISIANA—Madison Par.: May, BLT.
- O. modestus* Van Duzee. *MISSISSIPPI—Washington Co.: May, BLT.
- O. ornatus* Van Duzee. *LOUISIANA—Madison Par.: (A) Apr., on *Senecio glabellus*. *MISSISSIPPI—Washington Co.: Apr., BLT; Apr., on *Salix nigra*, *Trifolium resupinatum* and *Vicia angustifolia*. Sunflower Co.: Apr., on *Geranium carolinianum* and *Geranium dissectum*; (A) Apr., on *Rumex crispus* and *Lepidium virginicum*. Leflore Co.: (A) Apr., on *Galium aparine*. [Although nymphs of *O. ornatus* were collected on *T. resupinatum*, *V. angustifolia*, *G. carolinianum* and *G. dissectum*, small stands of *Salix* spp. (their normal breeding host) were present near the collection sites].
- O. ramus* Knight. MISSISSIPPI—Washington Co.: June, on *Carya illinoensis*.
- O. taxodii* Knight. *MISSISSIPPI—Sharkey Co.: (N) May, *Taxodium distichum*. Washington Co.: (A) June, on *T. distichum*.
- Paraproba capitata* (Van Duzee). *MISSISSIPPI—Washington Co.: July, collected in a pitfall trap by log in deciduous woods.
- Parthenicus juniperi* (Heidemann). MISSISSIPPI—Washington Co.: Aug., Oct., BLT; (N) May, on *Juniperus virginiana*; (A) June, on *J. virginiana*.
- P. taxodii* Knight. *MISSISSIPPI—Washington Co.: May–July, BLT; (A) June, on *Taxodium distichum*; (A) July, on *Gossypium hirsutum*. [The breeding host of *P. taxodii* is *T. distichum*].
- Saileria irrorata* Henry. *MISSISSIPPI—Washington Co.: Oct., BLT; June, on *Vitis cinerea*; (A) July, on *V. cinerea*; (A) Aug., on *Carya illinoensis*.

- Semium hirtum* Reuter. ARKANSAS—Phillips Co.: Aug., (A) Oct.–Nov., on *Euphorbia maculata*; Sept., on *Euphorbia humistrata*. Crittenden Co.: July–Oct., on *E. maculata*; (A) Sept., on *E. humistrata*. Desha Co.: July–Oct., on *E. maculata*; Sept., on *E. humistrata*. Chicot Co.: Aug., Oct., on *E. maculata*. *LOUISIANA—East Carroll Par.: Aug.–Oct., on *E. maculata*. Madison Par.: Sept., on *E. maculata*; (A) Oct., on *Euphorbia nutans*. MISSISSIPPI—Washington Co.: July–Oct., on *E. maculata*; Aug., on *E. humistrata*. Sunflower Co.: Aug.–Sept., on *E. maculata*; (A) Oct., on *E. nutans*. Leflore Co.: July–Sept., on *E. maculata*; (N) Aug., on *E. humistrata*. Humphreys Co.: July–Oct., on *E. maculata*. Sharkey Co.: July–Oct., on *E. maculata*. Bolivar Co.: Aug.–Oct., on *E. maculata*. Tunica Co.: July–Oct., (A) Nov., on *E. maculata*.
- Slaterocoris breviatus* (Knight). *MISSISSIPPI—Washington Co.: May, on *Ambrosia trifida*.
- S. stygicus* (Say). MISSISSIPPI—Claiborne Co.: May, on *Ambrosia trifida*. Washington Co.: May, on *A. trifida*.

Tribe Pilophorini

- Alepidia gracilis* Uhler. MISSISSIPPI—Washington Co.: July, BLT.
- Pilophorus taxodii* Knight. *MISSISSIPPI—Washington Co.: June, on *Taxodium distichum*.

SUBFAMILY CYLAPINAE

Tribe Fulviini

- Fulvius imbecilis* (Say). MISSISSIPPI—Washington Co.: July, collected in a pitfall trap by log in deciduous woods.

SUBFAMILY DERAEOCORINAE

Tribe Deraeocorini

- Deraeocoris histrio* (Reuter). *ARKANSAS—Crittenden Co.: Aug., BLT.
- D. nebulosus* (Uhler). ARKANSAS—Chicot Co.: (A) Oct., on *Baccharis halimifolia*. Phillips Co.: (A) Sept., on *Xanthium strumarium*. MISSISSIPPI—Washington Co.: Mar.–Oct., BLT; (A) May–July, on *Gossypium hirsutum*; (A) May, on *Quercus nigra* and *Salix nigra*; Aug.–Sept., (A) May–June, on *Diospyros virginiana*; Aug., (A) Sept., on *Ulmus americana*; (A) May, on *Ligustrum japonicum*, *Fraxinus pennsylvanica*, *Crataegus viridis*, *Celtis laevigata*, and *S. nigra*; May–Oct., on *Carya illinoensis*; (A) July and Oct., on *Taxodium distichum*; (N) Oct., on *Solidago altissima*; (A) Sept.–Oct., on *Parthenium hysterophorus*; (A) Apr., on *Vicia angustifolia* and *Trifolium incarnatum*; Sept., on *X. strumarium* and *Sesbania exaltata*. Sunflower Co.: (A) Oct., on *S. altissima*, *Aster pilosus*, and *Polygonum pensylvanicum*. Sharkey Co.: (A) Apr., on *V. angustifolia* and *Lathyrus hirsutus*; (N) Sept., on *S. altissima*. Humphreys Co.: (A) Oct., on *Erigeron canadensis*.
- D. poecilus* (McAtee). *MISSISSIPPI—Washington Co.: May, BLT.
- D. pinicola* Knight. *MISSISSIPPI—Sharkey Co.: (A) May, on *Taxodium distichum*. Washington Co.: (A) May, on *T. distichum*.
- Eurychlopterella luridula* Reuter. *MISSISSIPPI—Washington Co.: (A) May, July, on *Taxodium distichum*.

- Eustictus venatorius* Van Duzee. *MISSISSIPPI—Washington Co.: June, BLT.
E. salicicola Knight. MISSISSIPPI—Washington Co.: May, BLT.
E. mundus (Uhler). MISSISSIPPI—Washington Co.: Oct., BLT.

Tribe Hyaliadini

- Hyaliodes vitripennis* (Say). MISSISSIPPI—Washington Co.: May, on *Solidago altissima* and *Carya illinoensis*; (A) May, on *Acer negundo*, *Morus rubra*, *Liquidambar styraciflua*, *Ambrosia trifida*, *Celtis laevigata*, *Fraxinus pennsylvanica*, and *Diospyros virginiana*; June, on *Vitis cinerea*, *Diospyros virginiana*, and *C. illinoensis*; (A) June, on *Crataegus viridis*, *Ampelopsis arborea*, *Ulmus americana*, *Cornus stricta*, *Salix nigra*, *Fraxinus pennsylvanica*, *S. altissima*, *Taxodium distichum* and *Ambrosia artemisiifolia*; (A) July, on *Populus deltoides* and *Gossypium hirsutum*; Aug., on *C. illinoensis*, *S. altissima*, and *Ulmus americana*; (A) Aug., on *Ampelopsis arborea*, *Phytolacca americana*, *T. distichum*; Sept., on *U. americana* and *C. illinoensis*; (A) Oct., on *U. americana*. Humphreys Co.: (A) Aug., on *A. trifida*.

SUBFAMILY MIRINAE

Tribe Mirini

- Agnocoris pulverulentus* (Uhler). LOUISIANA—Madison Par.: May–Aug., BLT; (A) June, on *Taxodium distichum*. MISSISSIPPI—Claiborne Co.: (N) May, on *Salix nigra*. Washington Co.: May–Sept., BLT; June–July, on *Salix nigra*; (A) Aug., on *Carya illinoensis*. [The breeding host of *A. pulverulentus* is *Salix* spp.].
Dagbertus fasciatus (Reuter). LOUISIANA—Madison Par.: June, BLT. MISSISSIPPI—Washington Co.: June–July, BLT; (N) Aug., on *Portulaca oleraceae*.
Dichroscytus elegans Heidemann. MISSISSIPPI—Washington Co.: (A) June, on *Juniperus virginiana*. Warren Co.: (A) May, on *Juniperus virginiana*.
Lygocoris caryae (Knight). *ARKANSAS—Chicot Co.: (A) May, on *Vicia angustifolia*. MISSISSIPPI—Washington Co.: June, BLT; May, on *Carya illinoensis*; (A) June, on *C. illinoensis*. Claiborne Co.: (N) May, on *C. illinoensis*.
L. semivittatus (Knight). ARKANSAS—Crittenden Co.: (N) Mar., on *Vicia angustifolia*. MISSISSIPPI—Sunflower Co.: (A) May, on *Carya illinoensis*. Washington Co.: (A) Apr., on *Geranium dissectum*; (A) May, on *Senecio glabellus*, *Cornus drummondii*, *Liquidambar styraciflua*, *Morus rubra*, and *Acer negundo*. Leflore Co.: (A) Apr., on *Galium aparine*, *Geranium carolinianum*, and *Rumex crispus*.
L. tinctus (Knight). *MISSISSIPPI—Washington Co.: May, on *Gleditsia triacanthos*.
Lygus plagiatus Uhler. LOUISIANA—Madison Par.: (A) Oct., on *Ambrosia trifida*. MISSISSIPPI—Claiborne Co.: May, on *A. trifida*.
L. lineolaris (Palisot de Beauvois). ARKANSAS—Crittenden Co.: June–Oct., BLT. LOUISIANA—Madison Par.: May–Oct., BLT. MISSISSIPPI—Washington Co.: Mar., May–Oct., BLT. [*L. lineolaris* was collected on 169 plant species representing 36 plant families. These species are listed in Snodgrass et al., 1984].
Neurocolpus jessiae Knight. *ARKANSAS—Chicot Co.: (A) June, on *Sambucus canadensis*. LOUISIANA—Madison Par.: (A) June, on *S. canadensis*. MISSISSIPPI—Washington Co.: June–July, on *S. canadensis*.

- N. nubilus* (Say). ARKANSAS—Crittenden Co.: Aug., BLT; (A) Apr., on *Senecio glabellus*. Chicot Co.: July, on *Cephalanthus occidentalis*. Desha Co.: (A) May, on *Torilis arvensis*; (A) July, on *C. occidentalis*. Phillips Co.: June, on *Rhus glabra*; (A) July, on *Ludwegia alternifolia*; (A) Aug., on *Eupatorium serotinum*; (A) Sept., on *Xanthium strumarium*. LOUISIANA—Madison Par.: May, Aug., BLT. MISSISSIPPI—Washington Co.: May, July, BLT; May, on *Cornus stricta*, and *C. occidentalis*; (N) May, on *Ilex decidua*; (A) May, on *C. drummondii* and *O. speciosa*; June, on *C. occidentalis* and *C. stricta*; (A) July, on *C. occidentalis* and *R. glabra*; (A) Aug., on *C. occidentalis* and *Gossypium hirsutum*. Sunflower Co.: (A) June, on *G. hirsutum*; June, on *C. occidentalis*; (N) July, on *C. occidentalis*.
- Phytocoris brevisculus* Reuter. *MISSISSIPPI—Washington Co.: (A) May, on *Ilex decidua*.
- P. canadensis* Van Duzee. *MISSISSIPPI—Washington Co.: July, BLT.
- P. confluens* Reuter. MISSISSIPPI—Washington Co.: May–July, BLT; (A) June, on *Gossypium hirsutum*.
- P. conspurcatus* Knight. MISSISSIPPI—Washington Co.: Aug., BLT.
- P. erectus* Van Duzee. LOUISIANA—Madison Par.: May, BLT. MISSISSIPPI—Washington Co.: May–Aug., Oct., BLT; (A) June, on *Ampelopsis arborea*, *Forestiera acuminata* and *Carya illinoensis*; (A) July–Aug., on *Taxodium distichum*; (A) Oct., on *Polygonum pensylvanicum*.
- P. eximius* Reuter. LOUISIANA—Madison Par.: Oct., BLT. MISSISSIPPI—Washington Co.: May–June, BLT. Sharkey Co.: (A) May, on *Taxodium distichum*.
- P. husseyi* Knight. *MISSISSIPPI—Sharkey Co.: (N) May, on *Taxodium distichum*.
- P. luteolus* Knight. *LOUISIANA—Madison Par.: June, BLT.
- P. minutulus* Reuter. *MISSISSIPPI—Washington Co.: July, BLT.
- P. neglectus* Knight. MISSISSIPPI—Washington Co.: (N) Apr., on *Rhus toxicodendron*.
- P. nigricollis* Knight. *LOUISIANA—Madison Par.: Oct., BLT.
- P. salicis* Knight. MISSISSIPPI—Claiborne Co.: (N) May, on *Salix nigra*. Washington Co.: (N) May, on *Cornus stricta*.
- P. tibialis* Reuter. *LOUISIANA—Madison Par.: June, Sept., BLT; (A) June, on *Robinia pseudoacacia*. MISSISSIPPI—Washington Co.: May–June, BLT; (A) June, on *Saururus cernus*, *Laportea canadensis*, *Eupatorium serotinum*, *Ampelopsis arborea*, *Amorpha fruticosa*, *Vitis cinerea*, *Commelina virginica* and *Solidago altissima*; (A) Oct., on *Polygonum pensylvanicum* and *S. altissima*; July, on *Aster subulatus* var. *ligulatus*.
- P. venustus* Knight. *MISSISSIPPI—Washington Co.: May–June, BLT.
- Polymerus basalis* (Reuter). ARKANSAS—Crittenden Co.: July–Sept., BLT; (A) June, on *Coreopsis tinctoria* and *Oenothera laciniata*; Sept., on *Helenium amarum*; (A) Sept., on *Polygonum pensylvanicum*. Chicot Co.: July, on *C. tinctoria* and *Erigeron annuus*; (N) July, on *Erigeron canadensis*; (A) Aug., on *H. amarum*; Sept., on *H. amarum*. Desha Co.: (A) Apr. and June, on *C. tinctoria*; (A) Apr., on *Galium aparine*; July, on *C. tinctoria*; (A) Aug., on *E. canadensis*; Oct., on *Helianthus grosse-serratus* and *Aster subulatus* var. *ligulatus*. Phillips Co.: (A) Apr., on *G. aparine*; June, on *C. tinctoria*; (A) July, on *H. amarum*;

(A) Oct., on *Xanthium strumarium*; (A) Nov., on *Aster pilosus*. LOUISIANA—Madison Par.: May–Sept., BLT; (A) May, on *Verbena brasiliensis*, *Ambrosia trifida*, and *Anthemis cotula*; (A) June, on *Dracopis amplexicaulis*; (A) Oct., on *A. subulatus* var. *ligulatus*, *Parthenium hysterophorus* and *A. pilosus*. East Carroll Par.: (A) Apr., on *O. laciniata* and *Trifolium incarnatum*; (N) Sept., on *P. pensylvanicum*; (A) Oct., on *D. amplexicaulis* and *A. subulatus* var. *ligulatus*. MISSISSIPPI—Washington Co.: May–Sept., BLT; (A) Apr., on *Erigeron philadelphicus*; (N) May, on *O. laciniata*; (A) May, on *A. cotula* and *Matricaria matricarioides*; June, on *A. cotula*; July–Aug., on *C. tinctoria*; July, on *P. hysterophorus*; (A) July, on *E. annuus*; Aug.–Oct., on *Haplopappus divaricatus*; Aug.–Sept., on *H. amarum*; Aug., on *E. canadensis*; (A) Aug., on *O. biennis*; Sept., on *P. hysterophorus*; (A) Sept., on *A. subulatus* var. *ligulatus*; (A) Oct.–Nov., on *P. hysterophorus*; (A) Oct., on *Iva annua*; (A) Nov., on *A. subulatus* var. *ligulatus*, *Ranunculus sardous*, *Lamium amplexicaule*, and *H. divaricatus*. Sharkey Co.: (A) May–June, on *O. laciniata*; (A) June, on *P. hysterophorus*; June, on *D. amplexicaulis*; (A) July, on *Erigeron bonariensis* and *D. amplexicaulis*; Oct., on *P. hysterophorus*; (A) Oct., on *A. subulatus* var. *ligulatus*. Humphreys Co.: (A) May, on *O. speciosa* and *Lepidium virginicum*; June, on *V. brasiliensis*; (A) June, on *E. annuus* and *H. amarum*; (A) Aug., Oct., on *E. canadensis*; Sept.–Oct., on *H. amarum* and *V. brasiliensis*; Sept., on *I. annua*; (A) Sept., on *A. trifida*; Oct., on *Ambrosia artemisiifolia*; (A) Oct., on *Solidago altissima* and *A. pilosus*. Sunflower Co.: Apr., on *T. repens*; (A) May, on *A. cotula*; June–July, Sept., on *H. amarum*; June–July, on *C. tinctoria*; (A) June on *E. annuus*; (N) July, on *E. annuus*; (N) Sept., on *E. canadensis*; (A) Oct., on *A. pilosus* and *V. brasiliensis*. Leflore Co.: (N) June, on *E. annuus* and *O. laciniata*; July–Oct., on *H. amarum*; July, on *Eclipta alba* and *C. tinctoria*; (A) Sept., on *V. brasiliensis*; (A) Oct., on *A. pilosus*. Bolivar Co.: (A) Apr.–May, on *M. matricarioides*; (A) Apr., on *Rumex crispus*; (A) May, on *A. cotula*; (A) June, on *D. amplexicaulis*; (N) June, on *O. laciniata*; July, on *C. tinctoria*; (A) July, on *E. annuus*; (A) Aug., on *Amaranthus palmeri*; (A) Sept., on *X. strumarium*; (A) Nov., on *Polygonum aviculare* and *O. laciniata*. Tunica Co.: (A) June, on *E. annuus* and *C. tinctoria*; (N) July, on *E. annuus*; July, on *C. tinctoria*; Aug., on *H. amarum*; (A) Nov., on *H. amarum*.

Taedia celtidis (Knight). *MISSISSIPPI—Washington Co.: (A) May, on *Celtis laevigata*.

T. johnstoni (Knight). *MISSISSIPPI—Washington Co.: (N) May, on *Berchemia scandens*.

Taylorilygus pallidulus (Blanchard). ARKANSAS—Chicot Co.: (N) July, on *Erigeron canadensis*; Sept.–Oct., on *E. canadensis*; Sept.–Dec., on *Solidago altissima*; (A) Sept., on *Xanthium strumarium* and *Ambrosia trifida*; Oct.–Nov., on *Eupatorium capillifolium*; (A) Sept.–Oct., on *Baccharis halimifolia*; (A) Oct., on *Erigeron strigosus*, *Croton capitatis*, *Oenothera biennis*, and *Aster subulatus* var. *ligulatus*; (A) Oct.–Dec., on *Aster pilosus*; (A) Nov., on *Iva annua*, *Verbena bonariensis*, and *Erigeron annuus*; (A) Dec., on *Ranunculus sardous*, and *Lamium amplexicaule*. Desha Co.: (A) Aug., on *E. canadensis*; Sept.–Oct., on *E. canadensis*; (A) Sept., on *Helenium amarum*, *A. pilosus*, *A. trifida*, and *S. altissima*; Oct., on *A. pilosus*, *A. subulatus* var. *ligulatus*, *S. altissima*, and *Helianthus grosse-serratus*; (A) Oct., on *Polygonum punctatum*, *Eupatorium ser-*

otinum, *Solanum carolinense*, *O. biennis*, *Eupatorium nutans*, and *Cassia fasciculata*; (A) Nov., on *A. pilosus* and *X. strumarium*. Phillips Co.: July–Oct., on *E. canadensis*; Sept.–Oct., on *S. altissima*; (A) Sept.–Oct., on *A. trifida*; (A) Sept., on *Ambrosia artemisiifolia*, *C. capitatis*, *E. serotinum*; (A) Oct., on *X. strumarium*; (A) Nov., on *A. pilosus* and *E. canadensis*; (A) Dec., on *Chenopodium album*. Crittenden Co.: (A) June, on *E. annuus*; Sept.–Oct., on *E. canadensis*; (A) Sept., on *A. pilosus* and *A. trifida*; Oct., on *S. altissima* and *Polygonum pensylvanicum*; (A) Oct., on *A. pilosus* and *Anoda cristata*; Nov., on *A. pilosus*; (A) Nov., on *S. altissima* and *H. amarum*. LOUISIANA—Madison Par.: May, BLT; (A) July, on *E. canadensis* and *Lythrum lanceolatum*; (A) Aug., on *Meticago sativa*; Sept.–Nov., on *S. altissima*; (A) Sept., on *A. subulatus* var. *ligulatus*; Oct.–Nov., on *A. subulatus* var. *ligulatus*; Oct., on *A. pilosus* and *Chenopodium ambrosioides*; (A) Oct., on *A. trifida*, *E. canadensis*, *Verbena brasiliensis*, *Spilanthes americana*, *Ipomoea hederacea*, *Amaranthus spinosus*, and *Parthenium hysterophorus*; Nov., on *E. canadensis*; (A) Nov., on *A. pilosus*. East Carroll Par.: Sept.–Nov., on *E. canadensis*; (A) Sept., on *A. pilosus*; Oct., on *S. altissima* and *A. pilosus*; (A) Oct., on *Oenothera speciosa*, *V. brasiliensis*, and *A. subulatus* var. *ligulatus*; Nov., on *P. pennsylvanicum*; (A) Nov., on *C. ambrosioides*, *Sonchus asper*, *Amaranthus retroflexus*, *Geranium carolinianum*, *Portulaca oleracea*, *Dracopis amplexicaule*, and *S. altissima*. MISSISSIPPI—Washington Co.: Aug.–Oct., BLT; (A) Jan., on *L. amplexicaule*; (A) May, on *Anthemis cotula*, *Erigeron philadelphicus*, and *Matricaria matricarioides*; (A) June, on *E. annuus*; (A) July, on *Coreopsis tinctoria*; July–Oct., on *E. canadensis*; Sept.–Nov., on *P. hysterophorus*; (A) Sept.–Oct., on *A. trifida* and *A. subulatus* var. *ligulatus*; (A) Sept., on *O. biennis*, *S. altissima*, and *Pluchea camphorata*; (N) Sept., on *Bidens frondosa*; (A) Oct.–Nov., on *Eclipta alba*; Oct.–Dec., on *A. pilosus*; Oct.–Nov., on *S. altissima*, *A. subulatus* var. *ligulatus*, and *E. capillifolium*; (A) Oct., on *Euphorbia maculata*, *A. hybridus*, and *B. frondosa*; (N) Oct., on *E. serotinum*; (A) Nov.–Dec., on *L. amplexicaule*, *S. altissima*, and *Vicia* spp.; (A) Nov., on *O. laciniata*, *X. strumarium*, *E. nutans*, *Rumex crispus*, *A. spinosus*, *R. sardous*, *Senecio glabellus*, and *Haplopappus divaricatus*; (A) Dec., on *Lepidium virginicum*, *H. amarum*, *A. subulatus* var. *ligulatus*, and *E. capillifolium*. Sharkey Co.: (N) July, on *E. bonariensis*; (A) Aug., on *E. canadensis*; Sept.–Oct., on *S. altissima*; Sept., on *E. canadensis*; (A) Sept.–Oct., on *A. pilosus*; (A) Sept., on *A. artemisiifolia*; Oct., on *P. hysterophorus*; (A) Oct., on *Mikania scandens*, *E. canadensis*, *A. trifida*, *A. subulatus* var. *ligulatus*, *E. serotinum*, *Ludwigia decurrens*, and *B. halimifolia*; Dec., on *A. pilosus*; (A) Dec., on *L. amplexicaule*. Humphreys Co.: (A) Aug., on *E. canadensis*; Sept.–Oct., on *S. altissima* and *E. canadensis*; Sept., on *A. trifida*; (A) Oct., Dec., on *C. ambrosioides*; (A) Oct., on *A. pilosus*, *O. laciniata*, *V. brasiliensis*, and *Pyrrhopappus carolinianus*; Dec., on *A. pilosus*; (A) Dec., on *Vicia* spp. Sunflower Co.: (N) July, on *E. annuus*; Sept.–Oct., on *E. canadensis*; (A) Sept., Dec., on *S. altissima*; (A) Sept., on *C. ambrosioides*; Oct., on *S. altissima* and *A. pilosus*; (A) Oct., on *E. nutans*, *O. biennis*, and *A. subulatus* var. *ligulatus*; (A) Dec., on *E. canadensis*, *A. pilosus*, *L. amplexicaule*, and *Medicago arabica*. Leflore Co.: (A) May, on *E. annuus*; Sept.–Oct., on *S. altissima*; Sept., on *E. canadensis* and *E. annuus*; (A) Sept., on *A. pilosus*; Oct., on *A. pilosus*; (A) Oct., on *E. annuus*, and *A. artemisiifolia*; (A) Dec., on *Vicia*

spp. and *A. subulatus* var. *ligulatus*. Bolivar Co.: (A) June, on *E. annuus*; Aug.–Sept., on *E. canadensis*; (A) Sept., on *A. trifida* and *S. altissima*; Oct.–Nov., on *S. altissima*; Oct., on *A. trifida* and *A. subulatus* var. *ligulatus*; (A) Oct.–Nov., on *E. canadensis* and *A. pilosus*; (A) Nov.–Dec., on *O. laciniata*; (A) Dec., on *M. matricarioides* and *S. altissima*. Tunica Co.: (A) Aug., on *E. annuus* and *Erigeron strigosus*; Sept.–Oct., on *E. canadensis* and *S. altissima*; (A) Sept., on *E. annuus*; Oct., on *A. pilosus* and *A. artemisiifolia*; (N) on *A. trifida*; (A) Oct., on *A. cristata*; (A) Nov., on *S. altissima*, *A. pilosus*, *P. pennsylvanicum*, and *E. canadensis*.

Tropidosteptes canadensis Van Duzee. *MISSISSIPPI—Washington Co.: June, BLT; (A) May, on *Acer negundo* and *Trepocarpus aethusae*.

T. cardinalis Uhler. MISSISSIPPI—Washington Co.: (A) May, on *Ilex decidua* and *Fraxinus pennsylvanica*.

T. neglectus (Knight). *MISSISSIPPI—Washington Co.: (A) May, on *Carya aquatica* and *Fraxinus pennsylvanica*.

T. tricolor Van Duzee. MISSISSIPPI—Washington Co.: May, on *Fraxinus pennsylvanica*; (N) May, on *Cornus stricta*; (A) June, on *F. pennsylvanica*.

Tribe Resthenini

Prepops fraterculus (Knight). *MISSISSIPPI—Washington Co.: (A) July, on *Vitis cinerea*.

P. fraterculus (Knight). *MISSISSIPPI—Washington Co.: June, BLT.

P. rubrovittatus (Stal). LOUISIANA—Madison Par.: July, Sept., BLT. MISSISSIPPI—Washington Co.: Aug.–Sept., BLT; (A) July, on *Ludwegia glandulosa* and *Cephalanthus occidentalis*.

Opistheuria clandestina Van Duzee. LOUISIANA—Madison Par.: Oct., BLT.

Tribe Stenodemini

Trigonotylus coelestialium (Kirkaldy). ARKANSAS—Crittenden Co.: June, BLT. LOUISIANA—Madison Par.: June, BLT. MISSISSIPPI—Washington Co.: June–July, BLT. Sharkey Co.: Sept., on *Cynodon dactylon*.

T. doddi (Distant). ARKANSAS—Crittenden Co.: June–Oct., BLT; July–Oct., (A) June and Nov., on *Cynodon dactylon*; (A) Mar., on *Bromus japonicus*; (A) Sept., on *Sorghum halepense* and *Leptochloa panicoides*. Chicot Co.: May–Nov., (A) Dec., on *C. dactylon*; (A) Oct., on *Digitaria ciliaris*. Desha Co.: (A) Apr.–May, June–Nov., on *C. dactylon*. Phillips Co.: July–Oct., (A) June and Nov., on *C. dactylon*. LOUISIANA—Madison Par.: May–Nov., BLT; May–Nov., on *C. dactylon*; Oct., on *Eleusine indica*. East Carroll Par.: (A) Apr.–May, June–Nov., on *C. dactylon*; Oct., on *S. halepense*. MISSISSIPPI—Washington Co.: June–Oct., BLT; May–Nov., on *C. dactylon*; (N) July, on *E. indica*. Sunflower Co.: July–Oct., (A) June and Dec., on *C. dactylon*; (A) Oct., on *D. ciliaris* and *Setaria geniculata*. Leflore Co.: (A) May–June, July–Oct., on *C. dactylon*; Apr., on *Hordeum pusillum*; Sept., on *L. panicoides*. Sharkey Co.: Apr.–Oct., (A) Nov.–Dec., on *C. dactylon*; (N) Apr., on *H. pusillum*; Oct., on *L. panicoides*; (A) July on *Cyperus rotundus*. Humphreys Co.: May–Oct., on *C. dactylon*; (A) July, on *S. halepense*. Bolivar Co.: July–Nov., on *C. dactylon*; (A) Aug., on *S. halepense*. Tunica Co.: June–Oct., on *C. dactylon*.

SUBFAMILY BRYOCORINAE

Tribe Eccritotarsini

- Pycnoderes drakei* Knight. MISSISSIPPI—Washington Co.: (A) June, on *Saururus cernus* and *Laportea canadensis*. Bolivar Co.: (A) June, on *Carya illinoensis*, *Cornus stricta*, *Commelina virginica*, and *Hackelia virginiana*.
- P. medius* Knight. *MISSISSIPPI—Warren Co.: May, on *Commelina virginica*.
- P. quadrimaculatus* Guerin. MISSISSIPPI—Washington Co.: (A) Aug., on *Carya illinoensis*.
- Sixeonotus albicornis* Blatchley. LOUISIANA—Madison Par.: May, BLT. MISSISSIPPI—Washington Co.: (A) May, on *Ambrosia trifida*.
- S. insignis* Reuter. LOUISIANA—Madison Par.: Aug., BLT. MISSISSIPPI—Washington Co.: Sept.–Oct., BLT.

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