Annotated checklist of the longhorned beetles (Coleoptera:
Cerambycidae and Disteniidae) occurring in Missouri

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Abstract

The distribution, seasonal occurrence, relative abundance, and host associations of the six subfamilies, 42 tribes, 108 genera, and 219 described species and subspecies of Cerambycidae and one described species of Disteniidae known to occur in Missouri are presented and discussed. Distribution within the state is cited by counties or, for some species, by more specific locality data. Information is also presented on collecting techniques. Of the species discussed here, 66 represent new state records, and seven species previously recorded from or purportedly collected in Missouri are excluded from the state’s fauna.

Introduction

The Coleoptera of Missouri have received much attention recently. Riley and Enns (1979) presented an annotated checklist of the Chrysomelidae of the state, and this author presented an annotated checklist and keys to the species of Buprestidae occurring in Missouri (MacRae 1991). The cerambycid fauna of Missouri has also received attention. Rice and Enns (1981) presented an annotated checklist and keys to 72 Missouri species in the subfamily Lamiinae, and Rice (1982, 1989) recorded occurrences within the state and host plant associations of additional species of Cerambycidae. For North America as a whole, the family has been well-studied in the monographs of Linsley (1961, 1962a, 1962b, 1963, 1964) and Linsley and Chemsak (1972, 1976, 1984). Regional treatments of North American cerambycids have been presented for Indiana (Blatchley 1910), California (Garnett 1918), Pennsylvania (Kirk and Knell 1920), Ohio (Knell 1940), Georgia (Fatig 1947, Turnbow and Franklin 1980), the Chiricahua Mountains of Arizona (Linsley et al. 1961), the Panamint Mountains of California (Tyson 1970), the Pacific Northwest (Hatch 1971), Michigan (Gosling 1974; Gosling and Gosling 1977), North Dakota (Stein and Tagesdahl 1975), the Hualapai Mountains of Arizona (Lewis 1979), southern Texas (Hovore et al. 1987), and north-central Texas (Lingafelter and Horner 1993). This paper presents information on the distribution, seasonal occurrence, relative abundance, adult and larval hosts, and collecting techniques for the longhorned beetles occurring in Missouri.

The data presented were gleaned from 18,496 specimens examined by the author. The bulk of these reside in the author’s private collection and that of the University of Missouri-Columbia. The private collection of Dr. Marlin E. Rice (Ames, Iowa) also contributed significantly to this study. Additional data were taken from specimens loaned or donated by the individuals and institutions listed in the acknowledgements. The nomenclature used here follows Chemsak et al. (1992), except that genera are arranged phylogenetically (Chemsak and Linsley 1982; Linsley and Chemsak 1984; Skiles 1985). No taxonomic or nomenclatural changes are made in this paper. Species that represent new state records are so designated. Under each species discussion, information is presented on Missouri counties in which the species has been collected, seasonal activity, and relative abundance. Complete collection data is given for species that were encountered infrequently in the state. For brevity, abbreviations are used for certain locality data as follows: NA = Natural Area; NF = National Forest; RS = Recreation Site; SF = State Forest; SP = State Park; WA = Wildlife Area. Specimens for which complete collection data are given are retained by
The Natural Divisions of Missouri

Figure 1. The Natural Divisions of Missouri and their sections (Thom and Wilson 1980).
the collector unless indicated otherwise. Collection codens used are as listed in Arnett et al. (1993) or as designated in the acknowledgments. For species in the subfamily Lamiinae, only information that supplements or emends that already given by Rice and Enns (1981) is presented (except the genus Sternidus). Where available, information is provided on host associations and collecting techniques. Unless otherwise noted, discussions of host associations are limited to those determined from Missouri specmens. The term larval host indicates plants from which adults have emerged or been cut, adult host indicates plants on which adults have been collected (Nelson et al. 1981). Adult hosts may or may not serve as larval hosts. Although many of the host associations discussed here likely represent new host records, no attempt has been made to designate them as such. Host plant nomenclature follows that of Yatskievych and Turner (1990).

General Information

Thom and Wilson (1980) identified the natural divisions of Missouri (Figure 1). These include the Ozarks (Ozark and Ozark Border), Big Rivers, Mississippi Lowlands, Osage Plains, and Glaciated Plains. Within the state, collecting has occurred most extensively in the Ozarks. This region is a plateau characterized primarily by dry to dry-mesic, upland forests (Nelson 1985). Dominant woody plant species are oaks (Quercus spp.) and hickories (Carya spp.), along with maples (Acer spp.), elms (Ulmus spp.), flowering dogwood (Cornus florida), eastern redbud (Cercis canadensis), and serviceberry (Amelanchier arborea). Shortleaf pine (Pinus echinata) is common in the more southern and eastern forests (pineywoods). The plateau is highly dissected by dry-mesic to mesic bottomland forests along small, spring-fed streams and rivers, where woody plants such as black walnut (Juglans nigra), hackberries (Celastrus spp.), willows (Salix spp.), river birch (Betula nigra), eastern hop hornbeam (Ostrya virginiana), blue beech (Carpinus caroliniana virginiana), and common alder (Alnus serrulata) occur commonly. Cottonwood (Populus deltoides) is abundant in the larger river valleys of the plateau, as well as the Big Rivers. Most of the above plant species were found to be important larval hosts for longhorned beetles, and accordingly, the greatest diversity of species was collected in the Ozarks. The Osage Plains contains savannah and remnants of natural prairie habitats. Although yielding a relatively lower diversity of longhorned beetle species, some species that utilize herbaceous plants as larval hosts were collected only in this region. Little collecting has been done in the Glaciated Plains. This region has been largely converted to agriculture and contains only scattered remnants of natural habitat.

The use of ultraviolet (UV) light was an important collecting technique. “Blacklighting” was most productive when lights were placed in small forest openings or along forest edges away from other lights. Cloudy or moonless, humid nights with temperatures above 75°F resulted in the most activity. “Flower picking” was a productive collecting method for Lepturinae and certain Cerambycinae. Small populations of flowers in woodland openings or along forest or lake margins were more productive than large, open fields of flowers. “Rearing” was the most important method for determining larval hosts. Dead wood showing signs of larval infestation (e.g. sawdust piles, holes in the bark, etc.) was caged and examined periodically for adult emergence. In many cases, potential hosts plants were located, cut or girdled within a few months of adult activity, and left in situ until late the following winter to allow oviposition and larval development to occur. These presumably infested plants were then retrieved and caged. Adult host associations were determined by “beating” and examining dead wood, including logpiles and slash left from wood-cutting operations. Selected woodpiles were examined over the course of a season, often attracting different species during the day than at night or as the season progressed. Species associated with herbaceous plants (e.g. Ataxia, Dectes, and Megas) were collected by sweeping in suitable habitats. Fermenting bait traps (Champlain and Knoll 1932) were productive for species in genera such as Orthosoma, Eubria, Parelothidion, Purpuricenus, and Distenia. USDA-type Japanese beetle traps captured low numbers of a wide variety of species.

This study records 216 described species (plus thirteen subspecies) of Missouri cerambycids in 105 genera, 42 tribes, and six subfamilies and one described species of Missouri disteniid. Missouri specimens were examined for all except nine of the species presented here, which are included on the basis of literature records. Sixty-six of the species included here represent new records for Missouri, and two additional forms which may represent undescribed species are discussed. While the species list presented here is presumed to be fairly comprehensive, there are a number of species not included that might occur in Missouri. Some likely possibilities are: Archodentes melanopus serrulatus (Linnaeus), Priomus (Homaesthesia) palparis Say, and P. (Homaesthesia) simplex (Casey), recorded
from, respectively, northwestern Arkansas, eastern Kansas, and northeastern Oklahoma (Linsley 1962a); *Ochrium howdeni* Knall, described from Obion Co. in northwestern Tennessee (Knall 1955); *Callidium texanum* Schaeffer, recorded from eastern U. S. west to Arizona, Utah, and Nevada (Linsley 1964); *Xylotrechus aceris* Fisher, collected at Cahokia Mounds, Illinois (near St. Louis) [UMRM]; *Tachyderus deceptus* Knall, recorded from the sand prairies of western Illinois (Bouseman 1977), and *Eupyneus subburmatus* (Le Conte), recorded from eastern U. S. to Kansas (Linsley and Chemsak 1984).

Four species previously recorded from Missouri are considered here not to be members of the state's fauna. Say (1823, 1824) gave "Missouri Territory" as the type locality for *Moneilema annulatum* and *Prionus cilipes* (= *Archadantes melanopus* [Linnæus], respectively). This territory then encompassed much of central and southern U. S., and it is doubtful that either of these species occur in present-day Missouri. *M. annulatum* reaches the eastern limit of its distribution in Kansas (Linsley and Chemsak 1984), while *A. melanopus* is restricted to the coastal plain of southeastern U. S. (Linsley 1962a). Leng (1890) recorded *Acmaeops ligata* Le Conte (= *Cortodera longicornis* [Kirby]) from "Mo" and *Stictoleptura canadensis* (Olivier) from "Missouri." However, the former species is limited to the Pacific Northwest and northern Rocky Mountain states (Linsley and Chemsak 1972), while the latter is found in the boreal coniferous zone of North America (Linsley and Chemsak 1976).

While examining collections around the state, single specimens of *Derobrachus geminatus* Le Conte and *Tragosa dorus* Linnæus and four specimens of *Monochamus scutellatus* (Say) were found labeled as collected in Missouri. However, the known distributions of these species make their establishment in Missouri unlikely. These captures likely represent hitchhikers imported in cut wood, or possibly erroneous labeling (all were found in collections contributed to by students).

Family CERAMBYCIDAE
Subfamily PARANDRINAE
Tribe PARANDRINI
Genus Parandra
Subgenus Archandra

*Parandra polita* Say - New state record. 2 specimens: MISSISSIPPI CO., Big Oak Tree SP, 3-VII-1986 (2), UV light, T.C. MacRae

Subgenus Neandra

*Parandra brunnea brunnea* (Fabricius) - 156 specimens collected in Barry, Boone, Buchanan, Callaway, Clay, Cooper, Franklin, Jackson, Jefferson, Johnson, Lawrence, Pettis, Pike, Randolph, St. Charles, St. Louis, Stoddard, Sullivan, Vernon, and Wayne Counties. Seasonal occurrence: 9 March-12 November, most common during July and August. Most of the specimens were collected in Japanese beetle traps, others were attracted to UV light. A few adults emerged and were chopped from decayed logs, including those of *Acer sp.*

Subfamily PRIONINAE
Tribe MACROTOMINI
Genus Stenodontes
Subgenus Orthomalldodon

*Stenodontes dasytonus dasytonus* (Say) - 6 specimens: BOONE CO., 1-X-1968, J. Justus [TCMC]; CAPE GIRARDEAU CO., Jackson, 26-VI-1959, L. Whittier [SEMS], IX 1977 (2), "ex: elm stump" [UMRM]; NEW MADRID CO., Portageville, 8-VII-1966 (2) [TMC, UMRM]. Say (1824) gave "Lower Missouri River" as the type locality for this species.

Tribe MALLASPINI
Genus Deracnistrus
Subgenus Sphenostethus

*Deracnistrus tasiei* Buquet - 5 specimens, including: BOONE CO., Ashland WA, 13-VII-1971, D. Palmer [UMRM], 11-VIII-1976, UV light, J. R. Heitzman [TCMC], JACKSON CO., VI-1955, R. H. Pine [TCMC]. The two remaining specimens were collected in Boone (reared from oak) and Warren Counties (Rice 1982).

Tribe PRIONINI
Genus Orthosoma

ton, Wayne, and Wright Counties. Seasonal occurrence: 3 May-5 November, abundant during July and August. Adults were commonly attracted to lights and fermenting bait traps. Several specimens emerged from decayed logs of Cercis canadensis and Robinia pseudo-acacia.

**Genus Prionus S. Str.**


*Prionus peculiaris* Dalman - New state record. 5 specimens: CARTER CO., Mark Twain NF, Pinewoods Lake RS, 6 VIII 1983 (2), UV light, T. C. MacRae; TANEY CO., 2 mi W Ridgedale, 7-VII-1989, UV light, G. H. Nelson; ST. LOUIS CO., no date, F. Schwarz [UMRM]. The first two localities are pineywoods.

**Subgenus Neopolyarthron**


*Prionus imbricornis* (Linnaeus) - 274 specimens collected in Benton, Boonville, Boone, Butler, Callaway, Camden, Cape Girardeau, Carter, Clay, Cole, Crawford, Dade, Dallas, Dent, Douglas, Dunklin, Franklin, Greene, Iron, Jackson, Jasper, Jefferson, Laclede, Madison, Miller, Montgomery, Morgan, New Madrid, Oregon, Ozark, Pemiscot, Pettis, Polk, Pulaski, Randolph, Reynolds, Ripley, St. Clair, St. Francois, St. Louis, Ste. Genevieve, Scott, Shannon, Stoddard, Stone, Washington, Wayne, Webster, and Wright Counties. Seasonal occurrence: 29 April-1 November, abundant late June to mid-August. The majority of the species were collected at lights. Several were collected in Japanese beetle traps. Riley (1880) recorded larvae of this species boring through grape roots and feeding upon roots of herbaceous plants in Missouri.

**Subgenus Antennalia**

*Prionus fissicornis* Haldeman - No Missouri specimens were seen. Linsley (1962a) recorded this species from extreme southwestern Missouri.

**Subfamily ASEMINAE**

**Tribe ASEMINI**

**Genus Arhopalus**

*Arhopalus foveollicus* (Haldeman) - New state record. A single specimen was collected in BOONE CO., Columbia, 1951, K. Compton [UMRM].

*Arhopalus rusticus* obsoletus Randall - 36 specimens collected in Boone and Carter Counties. Seasonal occurrence: 12 July-29 September. Adults emerged from dead *Pinus sylvestris* and were collected at UV light in pineywoods.

**Genus Asemum**

*Asemum striatum* (Linnaeus) - New state record. 31 specimens collected in Boone, Carter, Chariton, Jefferson, Reynolds, and Wayne Counties. Seasonal occurrence: 10 April-14 June. Adults were collected on dead logs of *Pinus echinata* and *P. sylvestris* and emerged from the former.

**Tribe ATIMIINI**

**Genus Atimia**

*Atimia confusa confusa* (Say) - 99 specimens collected in Benton, Boone, Cape Girardeau, Franklin, Jefferson, Polk, St. Louis, Taney, and Wayne Counties. Seasonal occurrence: 3 April-13 June; 28 August-14 November. The occurrence of this species is apparently bimodal in Missouri, however, all of the late-season dates are from reared specimens. Adults were beaten and emerged exclusively from dead branches of *Juniperus virginiana*. A few adults were collected at UV light.

**Subfamily CERAMBYCINAE**

**Tribe SMODICINI**

**Genus Smodicum**

*Smodicum cucujiforme* (Say) - 308 specimens collected in Atchison, Barry, Benton, Boone, Cape Girardeau, Clay, Cole, Cooper, Crawford, Dent, Franklin, Holt, Jefferson, Mississippi, Phelps, Platte, Pulaski, Randolph, St. Charles, St. Louis, Ste. Genevieve, Shannon, Stoddard, Vernon, and Wayne Counties. Seasonal occurrence: 7 June-
16 September, common late June through July. Most of the specimens were attracted to UV light. Adults were also collected on dead logs of *Acer saccharinum*, *Carya ovata*, *Quercus* sp., and *Q. alba*.

**Tribe METHIINI**

**Genus Oeme**

*Oeme rigidula rigidula* (Say) - 43 specimens collected in Barry, St. Louis, and Taney Counties. Seasonal occurrence: 8 June-28 August. Many of the specimens were collected in Japanese beetle traps in St. Louis. A large series emerged from dead branch of *Juniperus virginiana*.

**Tribe TESCAROPA**

**Genus Tessaropa**

*Tessaropa tenuipes* (Haldeman) - New state record. A single specimen was collected in OREGON CO., Mark Twain NF, Greer Crossing RS, 14-V-1984, beating *Carya tomentosa*, T. C. MacRae.

**Tribe TORNEUTINI**

**Genus Knulliana**

*Knulliana cincta cincta* (Drury) - 252 specimens collected in Benton, Boone, Butler, Callaway, Clark, Clay, Cole, Cooper, Dallas, Dent, Douglas, Franklin, Greene, Howell, Jackson, Jasper, Jefferson, Johnson, Laclede, Lawrence, Lincoln, Linn, Marion, Miller, Mississippi, Monroe, Morgan, Newton, Nodaway, Oregon, Ozark, Pike, Platte, Polk, Randolph, Ray, Reynolds, St. Louis, Saline, Stone, Vernon, Washington, Wayne, and Wright Counties. Seasonal occurrence: 15 March-25 September, common early April through June. The "banded hickory borer" was commonly collected at UV light. Adults were collected on and emerged from dead branches of *Carya* sp., *C. glabra*, *C. ovata*, and *Cercis canadensis*. One adult was chopped dead from the 2 1/2"-diameter trunk of dead *Acer saccharum*. Adult hosts include dead branches of *Quercus* sp., *Q. alba*, and *Q. marilandica*.

*Knulliana* sp. - 49 specimens collected in Benton, Boone, Cape Girardeau, Carter, Cedar, Crawford, Jackson, Jefferson, Laclede, Mississippi, Ozark, Phelps, St. Louis, Ste. Genevieve, Shannon, Stoddard, Wayne, and Wright Counties. Seasonal occurrence: 10 May-5 September. All of the specimens were collected at UV light. They differ from *K. cincta cincta* (Drury) in the ochraceous coloration, resembling *K. cincta ochracea* (Bates), which occurs in Florida and extreme southern Georgia. In addition, the adults are most commonly collected in Missouri from late June through July, versus April through June for *K. cincta cincta*. Specimens resembling these have also been examined from Arkansas, northern Georgia, northern Mississippi, Tennessee, and southeastern Virginia. They differ from typical *K. cincta ochracea* by having faint indications of the oblique elytral fascia usually found in the nominate subspecies and the greatly expanded distribution across southeastern U.S. This form may represent a distinct species or may simply be a color morph of either *K. cincta cincta* or *K. cincta ochracea*.

**Tribe HESPEROPHANINI**

**Genus Tylonotus**

*Tylonotus bimaculatus* Haldeman - 90 specimens collected in Boone, Callaway, Cape Girardeau, Clay, Cooper, Gentry, Jackson, Jefferson, Johnson, Pike, Platte, Randolph, St. Louis, Vernon, and Wayne Counties. Seasonal occurrence: 12 June-6 August. Nearly all of the specimens were collected at UV light (Rice 1982), and one specimen was collected on *Fraxinus* sp. *Tylonotus masoni* Knuff - 17 specimens, including: BARRY CO., 3 mi S Roaring River SP, scenic overlook on Sugar Camp Rd., 2-VII-1986 (2), UV light, E. G. Riley; BOONE CO., 20-VII-1977, UV light, E. G. Riley; FRANKLIN CO., River 'Round WA, 1-VII-1983 (2), UV light, T. C. MacRae; JEFFERSON CO., Hillsboro, 1-VII-1967 (2), UV light, A. Littahorsky [CMC]; ST LOUIS CO, 18-, 20-VI-1977, 9-VII-1978, 4-VII-1979, all UV light, A. Littahorsky [CMC]. Specimens were also seen from Jackson Co. [CHNC].

**Genus Hesperophanes**

*Hesperophanes pubescens* (Haldeman) - New state record. 6 specimens: BARRY CO., 3 mi S Roaring River SP, scenic overlook on Sugar Camp Rd., 3-VII-1986 (2), UV light, E. G. Riley; SHANNON CO., Mark Twain NF, Logger's Lake RS, 21-VI-, 4-VII-1985 (3), UV light, T. C. MacRae.

**Genus Eburia**

*Eburia haldemani* LeConte - No Missouri specimens were examined. Linsley (1962b) recorded this species from northwestern Missouri.
_Eubria quadriseminata_ (Sav) - 383 specimens collected in Andrew, Atchison, Bates, Boone, Butler, Callaway, Cape Girardeau, Christian, Clark, Clay, Clinton, Cole, Cooper, Crawford, Dunklin, Franklin, Greene, Holt, Jackson, Jasper, Jefferson, Johnson, Lawrence, Lincoln, Mississippi, Montgomery, Nodaway, Platte, Putnam, Ray, St. Clair, St. Louis, Worth, and Wright Counties. Seasonal occurrence: 21 April-30 September, abundant early July through August. This species was strongly attracted to fermenting bait and sugar traps, accounting for the majority of the specimens collected. Occasional specimens were collected in Japanese beetle traps and at UV light.

**Tribe ELAPHIDIIINI**

**Genus Psyrassa**

_Psyrassa unicolor_ (Randall) - **New state record.** 75 specimens collected in Atchison, Barry, Benton, Boone, Callaway, Cape Girardeau, Carter, Cooper, Crawford, Douglas, Franklin, Greene, Jackson, Jefferson, Missouri, Ozark, Pike, Platte, Polk, Reynolds, St. Louis, Ste. Genevieve, Shannon, Stoddard, Wayne, Webster, and Wright Counties. Seasonal occurrence: 29 May-24 August, more common mid-June through July. Nearly all of the specimens were collected at UV light. One specimen emerged from dead branch of _Carya_ sp.

**Genus Stenosphenus**

_**Stenosphenus notatus**_ (Oliver) - 234 specimens collected in Benton, Bollinger, Boone, Callaway, Cole, Crawford, Dent, Jackson, Jefferson, Lincoln, Platte, Polk, St. Louis, Stone, Wayne, and Wright Counties. Seasonal occurrence: 26 March-5 July, collected mostly late April to mid-May. Most specimens of this early season species were collected on dead logs of _Carya_ sp., _Cordiformis_, _C. ovala_, and _C. lomentosa_ and emerged from the latter two. Another was collected on flower of _Hydrangea arborescens_.

**Genus Aneflomorpha**


**Genus Enaphalodes**

_Enaphalodes atomarius_ (Drury) - 411 specimens collected in Atchison, Benton, Boone, Butler, Callaway, Camden, Cape Girardeau, Carter, Cass, Clay, Cole, Cooper, Crawford, Dent, Douglas, Franklin, Greene, Grundy, Holt, Howell, Iron, Jackson, Jasper, Jefferson, Johnson, Laclede, Lafayette, Linn, Madison, Miller, Montgomery, Morgan, Osage, Ozark, Pettis, Phelps, Platte, Randolph, Reynolds, Ripley, St. Charles, St. Clair, St. Louis, Shannon, Shelby, Taney, Texas, Vernon, Wayne, Webster, and Wright Counties. Seasonal occurrence: 16 May-11 October, abundant mid-June to late August. The majority of the specimens were collected at UV light, and several were collected in Japanese beetle traps. A few were attracted to fermenting bait traps or taken on girdled _Quercus_ sp.

_Enaphalodes nepiphagus_ (Craighead) - **New state record.** A single specimen was collected in CAPE GIRARDEAU CO., Trail of Tears SP, 19-VII-1985, UV light, T. C. MacRae. Craighead (1923) reported this species damaging timber in “the Ozark mountains,” however, it was not specified whether this record referred to Missouri or to Arkansas.

_Enaphalodes hispicornis_ (Linneaus) - 74 specimens collected in Boone, Butler, Callaway, Camden, Cape Girardeau, Carter, Cass, Jackson, Jefferson, Johnson, Madison, Miller, Morgan, Pike, St. Louis, Vernon, Washington, and Wayne Counties. Linsley (1963) recorded this species from southwestern Missouri. Seasonal occurrence: 26 May-18 September, primarily mid-July to mid-August. Most of the specimens were collected at UV light.

_Enaphalodes rutulus_ (Haldeman) - 143 specimens collected in Atchison, Benton, Boone, Callaway, Cape Girardeau, Carter, Cooper, Crawford, Dent, Douglas, Franklin, Greene, Jackson, Jefferson, Johnson, Laclede, Oregon, Phelps, Platte, Pulaski, Randolph, Reynolds, Ripley, St. Charles, St. Clair, St. Louis, Ste. Genevieve, Shannon, Taney, Texas, Warren, Wayne, and Webster Counties. Seasonal occurrence: 16 May-27 October, common late June through July. This species has a two-year life cycle (Hay 1969), and most adults were collected in Missouri during odd-numbered years, usually at UV light.
Genus *Elaphidion*

*Elaphidion mucronatum* (Say) - 332 specimens collected in Barry, Bates, Boone, Cape Girardeau, Carter, Christian, Cole, Crawford, Franklin, Holt, Jackson, Jasper, Jefferson, Lafayette, Lawrence, Miller, Mississippi, Morgan, New Madrid, Ozark, Perry, Platte, Randolph, Reynolds, St. Charles, St. Clair, St. Francois, St. Louis, Stoddard, Vernon, Wayne, Webster, and Wright Counties. Seasonal occurrence: 19 March–2 August, abundant late April through early June. Adults of this species are often collected at UV light and in fermenting bait traps, and occasionally in Japanese beetle traps. Adult hosts include dead branches of *Acer saccharinum*, *A. saccharum*, *Carya* sp., and *Juglans nigra*. Adults emerged from dead branches of *Acer saccharum*, *Asimina triloba*, *Cercis canadensis*, *Cornus florida*, *Juniperus* sp. (ornamental variety), *Liquidambar styraciflua*, *Prunus* sp., *P. americana*, *Salix* sp., *S. caroliniana*, and *Ulmus americana*.

Genus *Parelaphidion*

*Parelaphidion aspersum* (Haldeman) - 95 specimens collected in Atchison, Barry, Boone, Callaway, Cole, Crawford, Dent, Franklin, Jackson, Jefferson, Lincoln, Linn, Morgan, Ozark, Platte, Randolph, St. Louis, Ste. Genevieve, Shannon, Stoddard, Taney, and Wayne Counties. Seasonal occurrence: 14 June–3 October, more common during July and August. Most of the specimens were captured at UV light, and a large series was attracted to fermenting bait traps. A few adults were collected on dead *Quercus* sp. and *Q. velutina*.


Genus *Anelaphus*


*Anelaphus parallelus* (Newman) - 525 specimens collected in Adair, Atchison, Barry, Benton, Boone, Butler, Callaway, Camel, Cape Girardeau, Carter, Clay, Cooper, Crawford, Dallas, Dent, Douglas, Franklin, Greene, Howell, Jackson, Jasper, Jefferson, Johnson, Laclede, Lawrence, Lincoln, Moniteau, Montgomery, Morgan, Nodaway, Oregon, Osage, Ozark, Platte, Randolph, Reynolds, St. Charles, St. Clair, St. Francois, St. Louis, Ste. Genevieve, Saline, Stoddard, Taney, Vernon, Warren, Wayne, and Wright Counties. Seasonal occurrence: 19 March–2 August, abundant late April through early June. Adults of this species are often incorrectly identified as *A. villosus* (Fabricius). Gosling (1978, 1981) regarded this species to be the true "twig pruner" instead of *A. villosus*, observing the latter emerging in Michigan only from larger, “unpruned” bolts of dead wood. Missouri specimens of *A. parallelus* emerged from both pruned twigs (*Carya glabra*, *C. lucinosa*, *C. tomentosa*, *Platanus occidentalis*, *Quercus coccinea*, and *Q. imbricaria*) and larger, unpruned, dead branches (*Acer saccharum*, *Celtis occidentalis*, *Ostrya virginiana*, and *Ulmus americana*). Adults were also collected nocturnally on dead branches of *Carya ovata* and *Quercus alba*, and the species was collected abundantly at lights. It is possible that specimens assigned to this species and *A. villosus* form a complex with as yet unrecognized species, although no distinguishing characters could be found to separate adults that emerged from pruned twigs versus unpruned branches in either species.

*Anelaphus pumilus* (Newman) - 123 specimens collected in Adair, Barry, Boone, Callaway, Cape Girardeau, Carter, Clay, Crawford, Douglas, Franklin, Hickory, Jasper, Montgomery, Oregon, Phelps, Platte, Randolph, St. Francois, St. Louis, Ste. Genevieve, Stoddard, Taney, and Wayne Counties. Rice (1982) recorded this species from Jackson Co. Seasonal occurrence: 9 April–21 July, more common late May to mid-June. Nearly all of the specimens were collected at UV light. Two specimens were collected on dead *Quercus* sp.

from larger, unpruned, dead branches rather than pruned twigs as has been commonly attributed to this species in the literature (see discussion under A. parallellus (Newman)). In Missouri, as for A. parallellus, adults of this species emerged both from pruned twigs and from larger, unpruned, dead branches, although they emerged primarily from the latter. Two specimens emerged from pruned Cercis canadensis twigs, and one emerged from a pruned Platanus occidentalis twig. Several adults emerged from larger, unpruned, dead branches of Acer saccharum, Amelanchier arborea, Cercis canadensis, and Quercus rubra. One adult was collected on dead Juglans nigra (Rice 1982). Adults were collected frequently at UV light.

Genus Micranoplium

_Micranoplium unicolor_ (Haldeman) - New state record. 15 specimens: BARRY CO., 3 mi S Roaring River SP, scenic overlook on Sugar Camp Rd., 2-VII-1934, E. G. & M. A. Riley; BOONE CO., Columbia, 10-VI-1978, UV light, S. E. Thewke [UMRM]; 10-VII-1957, UV light [UMRM]; CARTER CO., Mark Twain NF, Pinewoods Lake RS, 4-VI-1985, UV light, T. C. MacRae; FRANKLIN CO., River'Round WA, 1-VII-1983 (2), UV light, T. C. MacRae; MONTGOMERY CO., Graham Cave SP, 22-VI-1974, UV light, S. E. Thewke [UMRM]; RANDOLPH CO., 1 mi E Mohery, 5-VII-1975, 17-VII-1977, E. G. Riley; ST. LOUIS, no date (2) [SHAW]; ST. LOUIS CO., Concord Village, 15-VI-1987, UV light, T. C. MacRae; SHANNON CO., Mark Twain NF, Logger's Lake RS, 21-VI-1985, UV light, T. C. MacRae; WAYNE CO., Mark Twain NF, Markham Spring RS, 5-VI-1985, UV light, T. C. MacRae; Sam A. Baker SP, 26-V-1987, UV light, J. R. Heitzman [TCMC].

Tribe IBIDIONINI

Genus Heterachthes

_Heterachthes quadrimaculatus_ (Haldeman) - New state record. 49 specimens collected in Boone, Butler, Callaway, Cape Girardeau, Carter, Clay, Jackson, Johnson, Platte, Polk, Randolph, Reynolds, Scott, and St. Louis Counties. Seasonal occurrence: 14 May-21 August. A few specimens were collected at UV light, and several adults were collected by beating Caryya sp. and C. glabra. Adults emerged from dead branches of Caryya sp. and C. illinoensis.

Tribe CURININI

Genus Curius

_Curius dentatus_ Newman - New state record. A single specimen was collected in ST. LOUIS CO., Lemay, 29-VII-1970, A. Littahorsky [TCMC].

Tribe OBRININI

Genus Obrium

_Obrium maculatum_ (Olivier) - New state record. 54 specimens collected in Barry, Boone, Cape Girardeau, Carter, Christian, Cooper, Dent, Douglas, Franklin, Henry, Iron, Jackson, Jasper, Jefferson, Lewis, Morgan, St. Louis, and Ste. Genevieve Counties. Seasonal occurrence: 14 May-8 August. A few adults were beaten from Celtis occidentalis and dead branches of C. laciniosa. Many adults emerged from dead branches of Amelanchier arborea, Caryya cordifolium, C. laciniosa, C. ovata, Celtis tenuifolia, Cercis canadensis, Cledita triacanthos, and Morus alba (ornamental variety). A few specimens were collected at UV light.

_Obrium rufilum_ Gahan - New state record. 27 specimens collected in Boone, Franklin, Jackson, Mississippi, and St. Louis Counties. Seasonal occurrence: 20 May-28 August. Most of the specimens were collected at UV light.

Tribe MOLORCHINI

Genus Molorchus

arborea, Cercis canadensis, Cornus drummondii, C. floridana, Crataegus sp., Daucus carota, Malus sp., Physocarpus opulifolius intermedius, Prunus sp., P. americana, P. angustifolia, P. serotina, Pyrus sp., Salix sp., S. engras, Spiraea x vanhouttei, Viburnum sp., and V. rafidalum. Other adult hosts include Quercus velutina and dead branches of Acer saccharum. Adults emerged from dead branches of Acer saccharum, Betula nigra, Carpinus caroliniana virginiana, Carya cordiformis, C. glabra, Cornus florida, and Diospyros virginiana.

Molorchus bimaculatus corni Haldeman - New state record. 2 specimens: ST. LOUIS CO., Lemay, 28-VIII-1951. T. C. MacRae

Tribe STENOPTERINI
Genus Callimoxys

Callimoxys sanguinicolus sanguinicolus (Olivier) - 55 specimens collected in Boone, Cass, Christian, Clay, Franklin, Jackson, Jefferson, Phelps, St. Louis, and Taney Counties. Seasonal occurrence: 7 April-12 July. Adults were most often collected on flowers of Cornus drummondii and Daucus carota. Other adult hosts include Carpinus sp. and Celtis occidentalis. Rice (1982) recorded standing dead Carya prob. tamentosa as a larval host.

Tribe CALLIDIONI
Genus Hylotrupes


Genus Semanotus

Semanotus lignatus lignatus (Fabricius) - New state record. 6 specimens: BOONE CO., Columbia, 26-VI-1983, S. A. Meiners [UMRM]; 200 specimens collected in Bates, Boone, Dent, Franklin, Jasper, Jefferson, Laclede, Montgomery, Oregon, St. Francois, St. Louis, and Stone Coun-
Genus Phymatodes

Phymatodes aereus (Newman) - 1 specimen was examined from RANDOLPH CO., 1 mi E Moberly, 21-V-1978, E. G. Riley. Rice (1982) recorded 2 specimens collected in Boone Co. from dead Quercus sp. logs on 7 & 11 May.

Phymatodes amoenus (Say) - New state record. 23 specimens collected in Audrain, Boone, Cape Girardeau, Clay, Dade, Dent, Lewis, Randolph, St. Louis, and Warren Counties. Seasonal occurrence: 17 April-5 June. Several specimens emerged from dead vines of Vitis sp. Adult hosts include Acer saccharum, Crataegus crus-galli and Quercus imbricaria.

Phymatodes testaceus (Linnaeus) - 240 specimens collected in Boone, Crawford, Jackson, Jefferson, St. Louis, and Saline Counties. Seasonal occurrence: 7 April-2 June. Most of the specimens were collected as large series on logs of Quercus sp. and Q. alba. Several adults emerged from logs of Quercus sp. cut for firewood.

Phymatodes varius (Fabricius) - 101 specimens collected in Boone, Cape Girardeau, Carter, Cole, Crawford, Dent, Howell, Jackson, Jefferson, Laclede, Lincoln, Maries, Montgomery, Pike, Reynolds, St. Louis, Saline, and Wayne Counties. Seasonal occurrence: 15 April-25 May. Adults were collected on dead logs of Quercus sp. and Q. alba. A few specimens emerged from logs of dead Quercus sp. cut for firewood.

Genus Physocnemum

Physocnemum brevilineum (Say) - 14 specimens collected in Boone, Callaway, Jackson, Oregon, St. Louis, and Vernon Counties. Rice (1982) recorded Platte Co. Seasonal occurrence: 7 April-23 July. One adult was collected on dead log of Ulmus americana.

Physocnemum violaceipennis Hamilton - New state record. 2 specimens: JEFFERSON CO., Victoria Glades NA, 29-IV-1985, on dead branch Quercus velutina, T. C. MacRae; Valley View Glades NA, 13-V-1987, on dead log Quercus alba. T. C. MacRae.

Tribe Cl YENINI

Genus Megacyllene

Megacyllene curvae (Gahan) - New state record. 158 specimens collected in Adair, Andrew, Atchison, Benton, Boone, Cape Girardeau, Carroll, Clay, Cole, Cooper, Dekalb, Franklin, Greene, Holt, Jackson, Jefferson, Johnson, Laclede, Lincoln, Macon, Miller, Moniteau, New Madrid, Nodaway, Osage, Pike, Polk, Ray, St. Charles, St. Louis, Saline, Shannon, Vernon, and Wright Counties. Seasonal occurrence: 30 March-15 June, common during April. Adults were collected on dead branches of Carya sp., including a long series on C. ovata. Adults commonly emerge in houses during winter when hickory firewood is brought indoors. Occasional specimens were collected at UV light.

Megacyllene decora (Olivier) - 60 specimens collected in Adair, Boone, Buchanan, Cape Girardeau, Holt, Lewis, Livingston, Pike, St. Louis, Scott, Stoddard, and Wayne Counties. Seasonal occurrence. 18 August-26 September. This species was sporadically encountered, however, fair series were collected at Big Lake SP (Holt Co.) on flowers of Solidago sp. and Amorpha fruticosa. Rice (1989) recorded A. fruticosa as a larval host for this species in eastern Kansas (Pottawatomie Co.). A series collected in extreme northwestern Arkansas (Washington Co.) was collected on flowers of Eupatorium sp. [JRHC].

Megacyllene robiniae (Forster) - 352 specimens collected in Adair, Andrew, Atchison, Boone, Callaway, Cape Girardeau, Chariton, Dekalb, Holt, Jackson, Jasper, Jefferson, Johnson, Livingston, Maries, Miller, Newton, Nodaway, Ozark, St. Charles, St. Louis, and Wright Counties. Seasonal occurrence: 26 July-1 November, abundant early September through mid-October. The "locust borer" was commonly associated with Robinia pseudo-acacia, especially "globe" varieties grown in nurseries and urban landscapes. Larvae were observed boring in the trunk and lower branches of this plant, especially in the graft area. Adults were collected abundantly on flowers of Solidago sp. and S. nemoralis.

Genus Glycobius

Glycobius speciosus (Say) - New state record. A single Missouri specimen was collected in DENT CO., Montauk SP, 1954 [TCMC]. The species is known to attack trunks of living Acer saccharum.
Genus Calliopeidae


Genus Sarosesthes


Genus Xylotrechus

*Xylotrechus annosus annosus* (Say) - **No Missouri specimens were seen.** Say (1826) described this species from "Missouri," and Leng (1887) repeated this record. Its occurrence in Missouri, however, represents a significant southern extension of the range given by Linsley (1964) for this species, thus its occurrence in the state needs to be verified.

*Xylotrechus colonus* (Fabricius) - 383 specimens collected in Adair, Atchison, Benton, Bollinger, Boone, Callaway, Camden, Cape Girardeau, Carter, Christian, Clay, Cole, Cooper, Crawford, Dent, Franklin, Gasconade, Greene, Henry, Holt, Howard, Jackson, Jasper, Jefferson, Johnson, Lincoln, Linn, McDonald, Miller, Morgan, New Madrid, Nodaway, Platte, Randolph, St. Clair, St. Francois, St. Louis, Ste. Genevieve, Shannon, Stoddard, Taney, Vernon, Wayne, Webster, and Wright Counties. Seasonal occurrence: 2 April-23 October, abundant late May through August. The "redheaded ash borer" was collected on dead *Fraxinus americana* and *F. pennsylvanica* and emerged from logs of the former. Despite its common name, however, it is one of the most polyphagous of the Missouri cerambycids. Adults emerged from dead branches of *Acer saccharum*, *Amelanchier arborea*, *Carpinus caroliniana virginiana*, *Carya glabra*, *C. tomentosa*, *Cercis canadensis*, *Koelreuteria paniculata*, *Magnolia acuminata*, *Morus alba*, *Prunus americana*, *Salix caroliniana*, *Ulmus americana*, and *U. rubra*. Adults were also collected on *Quercus palustris*, dying *Robinia pseudo-acacia*, and dead branches of *Acer saccharinum*, *Carvus sp.*, *C. ovata*. *Maclura pomifera*, and *Q. alba*. Occasional specimens were collected at UV light.

*Neoceuta approximatus* (LeConte) - 23 specimens collected in Boone, Callaway, Carter, Franklin, Jackson, Morgan, Pettis, Pike, and St. Louis Counties. Seasonal occurrence: 14 June-16 August. Most specimens of this uncommon species were
collected in Japanese beetle traps. One specimen was collected on dead branch of *Pinus echinata* [TCCMC]. Another was labeled "*Monarda* sp." [UMRM].

**Neoclytus caprea** (Say) 136 specimens collected in Boone, Chariton, Cole, Jasper, Jefferson, Johnson, Livingston, Moniteau, Montgomery, New Madrid, Nodaway, Oregon, Osage, St. Francois, and St. Louis Counties. Seasonal occurrence: 18 March-13 June, more common during April. Many of the specimens were collected on and emerged from dead logs of *Fraxinus americana*. Like *Megacyllene caryae* (Cabanis), this species commonly emerges from infested firewood brought indoors during winter.

**Neoclytus fulguratus** Casey - New state record. 2 specimens: BOONE CO., Columbia, 23-IV-1958, D. Easterla [TCMC]; DENT CO., Clark (= Mark Twain) NF, 13-20-VII-1973, J. A. Gagne [UMRM]. Hoffman (1988) proposed Casey's name to be a junior synonym of *N. horridus* (LeConte), but this was not recognized by Chemsak et al. (1992).

**Neoclytus joutelii** ssp. - Rice (1982) recorded 2 specimens from Crawford and Polk Counties. Seasonal occurrence: July-20 August. The Polk Co. specimen emerged from dead *Carya* sp.

**Neoclytus mucronatus mucronatus** (Fabricius) - 103 specimens collected in Adair, Bates, Benton, Boone, Callaway, Cass, Christian, Cole, Franklin, Henry, Jackson, Jefferson, Johnson, Morgan, Newton, Pettis, Randolph, St. Louis, Scotland, Stoddard, and Vernon Counties. Seasonal occurrence: 14 April-31 October, more common during July and August. Many of the specimens were collected on and dying branches of *Carya* sp., *C. ovata*, and *C. tomentosa*. Other adult hosts include *Acer rubrum* and *Quercus* sp.

**Neoclytus scutellaris** (Olivier) - New state record. 73 specimens collected in Barry, Boone, Butler, Callaway, Cape Girardeau, Carter, Cole, Dent, Franklin, Henry, Howard, Jefferson, Lawrence, Perry, Pettis, Pike, Polk, Randolph, St Charles, St. Louis, Scott, and Vernon Counties. Seasonal occurrence: 1 May-21 October, more common during July and August. Several adults were collected on dead or dying *Quercus* sp., *Q. alba*, and *Q. palustris*, and a few adults emerged from dead *Quercus* sp.

**Genus Clytoleptus**

*Clytoleptus albofasciatus* (Laporte & Gory) - New state record. 10 specimens: Sibley, 11 VII 1957 (2), F. E. Wood [UMRM]; RANDOLPH CO., 1 mi W Moberly, 1-VII-1972, E. G. Riley [UMRM]; ST. LOUIS, no date (6) [UMRM]; ST. LOUIS CO., JCT 1-270 & Riverside Blvd., 9-VII-1986, Japanese beetle trap, T. C. MacRae.

**Tribe TILLOMORPHINI**

**Genus Euderces**

*Euderces pictipes pictipes* (Fabricius) - 337 specimens collected in Adair, Barry, Boone, Buchanan, Callaway, Carter, Christian, Clay, Cole, Crawford, Dent, Douglas, Franklin, Gasconade, Henry, Holt, Jackson, Jefferson, Johnson, Lafayette, Lewis, Lincoln, Maries, Miller, Montgomery, Morgan, Ozark, Phelps, Pike, Randolph, Reynolds, St. Charles, St. Francois, St. Louis, Ste. Genevieve, saline, Shannon, Stoddard, Taney, Texas, Warren, and Webster Counties. Seasonal occurrence: 15 April-21 August, abundant mid-May through late June. Adults were collected on flowers of *Apocynum cannabinum*, *Asclepias viridiflora*, *Buxus* sp., *Ceanothus velutinus*, and *Robinia pseudo-acacia* and were collected on dead branches of *ULmus* sp. Adults emerged from dead branches of *Amelanchier arborea*, *Carya* sp., *C. ovata*, *Cercis canadensis*, and *Ostrya virginiana*.

**Euderces pictipes occidentalis** Linsley - 63 specimens collected in Boone, Callaway, Cape Girardeau, Carter, Cass, Jefferson, Oregon, St. Francois, Ste. Genevieve, Scott, Stoddard, and Wayne Counties. Turnbow and Hovore (1979) recorded this subspecies from Callaway and Stone Counties. Seasonal occurrence: 23 April-17 July, most common during late May. Adults were collected on flowers of *Abelia* sp., *Amorpha fruticosa*, *Ceanothus americanus*, *Cornus drummondii*, *Daucus carota*, *Philadelphus coronarius*, *Physocarpus opulifolius intermedium*, *Ptelea trifoliata*, *Rhus glabra*, *Rosa carolina*, *R. setigera*, *Rubus sp.*, *Rudbeckia hirta*, *Salix exigua*, *Sambucus canadensis*, and *Zizia aurea*. Adults were beaten from *Curvus* sp., *Celtis* sp., *Cercis canadensis*, *Juglan nigra*, *Quercus* sp., *Q. stellata*, *Q. velutina*, and *Robinia pseudo-acacia* and were collected on dead branches of *Ulmus* sp. Adults emerged from dead branches of *Amelanchier arborea*, *Carya* sp., *C. ovata*, *Cercis canadensis*, and *Ostrya virginiana*.

**Euderces pictipes occidentalis** Linsley - 63 specimens collected in Boone, Callaway, Cape Girardeau, Carter, Cass, Jefferson, Oregon, St. Francois, Ste. Genevieve, Scott, Stoddard, and Wayne Counties. Turnbow and Hovore (1979) recorded this subspecies from Callaway and Stone Counties. Seasonal occurrence: 23 April-17 July, most common during late May. Adults were collected on flowers of *Abelia* sp., *Amorpha fruticosa*, *Ceanothus americanus*, *Cornus drummondii*, *Daucus carota*, *Philadelphus coronarius*, *Physocarpus opulifolius intermedium*, *Ptelea trifoliata*, *Rhus glabra*, *Rosa carolina*, *R. setigera*, and *Sambucus canadensis*. Adults were beaten from *Diospyros virginiana*, *Quercus palustris*, and *Q. stellata* and emerged from dead branches of *Carya*
illinoensis, Celtis occidentalis, Fagus americana, Juglans nigra, and Ostrya virginiana.

Euderces pini (Olivier) - 88 specimens collected in Bollinger, Butler, Cape Girardeau, Carter, Christian, Dade, Greene, Jasper, Jefferson, Platte, St. Louis, Ste. Genevieve, Saline, Stoddard, Taney, and Wright Counties. Seasonal occurrence: 27 March-30 June. Adults were collected on Crataegus crus-galli, dead branches of Acer saccharinum, Gleditsia triacanthos, Quercus palustris, and Ulmus sp., and flowers of Prunus americana, Ptelea trifoliata, Rubus sp., and Spiraea sp. One adult was collected 9-19 under bark. Larval hosts include "twig pruner pruned" branch of Carva laevigata and dead branches of Amelanchier arborea, Celtis occidentalis, and Juglans nigra.

Euderces rechei rechei LeConte - New state record. 61 specimens collected in Dade, Henry, Jackson, Jefferson, Lewis, St. Charles, St. Louis, Stoddard, Stone, Taney, Vernon, and Wayne Counties. Seasonal occurrence: 9 May-17 June. Most of the specimens were collected at Hereules Glades Wilderness (Taney Co.) on flowers of Cornus drummondii. Other adult hosts include Crataegus crus-galli, Diospyros virginiana, dead branches of Celtis laevigata and Quercus imbricaria, and flowers of Buxus sp. and Prunus sp. One adult emerged from dead branch of Acer saccharinum.

Tribe ANAGLYPTINI
Genus Cyrtophorus

Cyrtophorus verrucosus (Olivier) - New state record. 43 specimens collected in Boone, Buchanan, Clay, Crawford, Franklin, Gasconade, Jefferson, Johnson, Lewis, Phelps, St. Louis, Ste. Genevieve, Saline, Shannon, Taney, and Wayne Counties. Seasonal occurrence: 12 April-27 June. Adults were collected on Malus sp., Quercus imbricaria, Q. palustris, and flowers of Cornus drummondii, emerged from dead branches of Fagus americana and Prunus americana, and were attracted to UV light and malaise, sticky, and fermenting bait traps.

Tribe RHOPALOPHORINI
Genus Rhopalophora

Rhopalophora longipes (Say) - 185 specimens collected in Barry, Boone, Cape Girardeau, Cole, Crawford, Franklin, Holt, Jackson, Jefferson, Lafayette, Morgan, Newton, Ozark, Polk, St. Francois, St. Louis, Stoddard, Stone, Taney, Texas, Washington, and Wayne Counties. Say (1824) gave the type locality as "Fort Kennedy, on Barek Creek, Missouri Territory." Seasonal occurrence: 10 May-5 August, common late-May through June. Adults were collected on flowers of Abelia sp., Asclepias syriaca, A. viridis, Ceanothus sp., C. americanus, Cornus sp., C. drummondii, C. americana obliqua, Daucus carota, Hydrangea arborescens, Parthenium integrifolium, Prunus sp., Ptelea trifoliata, Rosa sp., Rubus sp., Taenidia integriceps, Toxicodendron radicans, and Thaspium barbinode. Adults were also collected on and emerged from dead branches of Coreus canadensis. Additional adult hosts include Quercus sp., Robinia pseudoacacia, and Ulmus rubra.

Tribe TRACHYDERINI
Genus Purpuricenus

Purpuricenus axillaris Haldeman - 70 specimens collected in Boone, Callaway, Carter, Clay, Jefferson, and Wayne Counties. Seasonal occurrence: 28 May-5 August. This species was rarely encountered in Missouri except for 66 specimens collected in fermenting bait traps at Victoria Glades NA and Valley View Glades NA (Jefferson Co.) [TMC]. One of the specimens has the basal elytral band reduced to small lateral spots behind the humeri. Rice (1982) recorded dead Caryx sp. as a larval host.

Purpuricenus humeralis (Fabricius) - 39 specimens collected in Boone, Callaway, Carter, Clay, Jefferson, Lincoln, Monteau, Morgan, Newton, Pulaski, St. Louis, and Wright Counties. Seasonal occurrence: 19 May-16 August. Adults were attracted to fermenting bait traps. A few specimens emerged from dead branches of Acer saccharum and Caryx ovata, other adults were collected on logpiles of Caryx sp., C. ovata, and trunks of fire-injured Quercus sp. A specimen from eastern Kansas (Johnson Co.) was collected on flower of Rhus sp. [TMC].

Purpuricenus sp. - 34 specimens collected in Jefferson Co. Seasonal occurrence: 22 May-23 July, mostly in June. These specimens were taken with the above two species exclusively in fermenting bait traps located at the edge of dolomitic glades surrounded by dry-mesic, oak/hickory forest. This species appears to be closely related to P. axillaris but differs consistently in size, coloration, punctuation, and characters of the pronotum.
Genus Tragidion

*Tragidion coquus* (Linneaus) - 130 specimens collected in Adair, Audrain, Barry, Boone, Callaway, Camden, Cape Girardeau, Cole, Franklin, Greene, Jackson, Jasper, Johnson, Laclede, Lafayette, Lewis, Linn, Monroe, Morgan, New Madrid, Newton, Nodaway, Perry, Phelps, Pike, Randolph, St. Louis, Saline, Shannon, Texas, and Wright Counties. Seasonal occurrence: 13 June-8 November, common during September and early October. Adults were collected on *Quecus* sp., dead *Ulmus* sp., flowers of *Arisaema triphyllum*, *Erigeron* sp., and *Eupatorium* sp., and in Japanese beetle traps. One adult emerged from dead branch of *Cercis canadensis*. Adults were especially attracted to ripe fruit, having been collected in fermenting bait traps and feeding on "ripe grapes," "broken grape canes," and "tomatoes."

Genus Batyle

*Baute ignicollis ignicollis* (Say) - 73 specimens collected in Barry, Boone, Carter, Crawford, Howard, Howell, Jasper, Lawrence, Maries, Miller, Montgomery, Newton, Phelps, Pulaski, Randolph, Reynolds, St. Clair, St. Louis, Ste. Genevieve, Taney, and Texas Counties. Seasonal occurrence: 6 April-22 August. As recorded by Rice (1982), main stems of living *Hypericum sphaerocarpum* were found to serve as a larval host. Adults were collected on flowers of *Achillea millefolium*, *Coreopsis lanceolata*, *Pyranthemum tenuifolium*, and *Rudbeckia hirta*.


Genus Crossidius

*Crossidius pulchellus* LeConte - No Missouri specimens were seen. Linsley and Chemsk (1961) recorded ten specimens collected in Ozark Lake, 20-IX-1939. This species is more normally collected in Arizona, New Mexico, and surrounding areas.

Subfamily LEPTURINAE

Tribe DESMOCRERINI

Genus Desmocerus

*Desmocerus palliatus* (Forster) - 194 specimens collected in Andrew, Barry, Benton, Boone, Buchanan, Callaway, Camden, Cass, Crawford, Douglas, Franklin, Gasconade, Holt, Jackson, Jasper, Jefferson, Lincoln, Madison, Moniteau, Newton, Phelps, Pike, Polk, St. Charles, St. Louis, Shannon, Stoddard, Stone, Washington, and Wayne Counties. Seasonal occurrence: 20 May-21 July. Adults were commonly found on flowers and foliage of *Sambucus canadensis*, a known larval host.

Tribe NECYDALINI

Genus Necydalis


Tribe LEPTURINI

Genus Centrodera

*Centrodera sublineata* LeConte - New state record. 23 specimens collected in Boone, Cedar, Clay, Jackson, Johnson, Nodaway, Platte, St. Louis, and Wayne Counties. Seasonal occurrence: 17 April-20 August, mostly late April to early May.
Most specimens were collected at UV light, and one adult was collected on flower of *Spiraea* sp.

**Genus Stenocorus**

*Stenocorus cinerifusculus* (Randall) - **New state record.** 271 specimens collected in Atchison, Benton, Boone, Cape Girardeau, Carter, Clay, Franklin, Jackson, Jefferson, Johnson, Lafayette, Ozark, Platte, Polk, St. Charles, St. Louis, Stoddard, Taney, and Wayne Counties. Seasonal occurrence: 1 April-24 June, common mid-May to early June. Most of the specimens were attracted to UV light. Adults were also collected on flowers of *Cornus drummondii*, and single specimens were beaten from *Diospyros virginiana* and *Juglans nigra.*

*Stenocorus cyanipennis* (Say) - **New state record.** 7 specimens: JACKSON CO., Columbia, 15-V-1988, D. G. LeDoux; COLE CO., Jefferson City, 1-VIII-1980 [MOTA]; JEFFERSON CO., Sunringle Tower Park, 24-VI-1985, fermenting bait trap, T. C. MacRae; RANDOPLH CO., N of Moberly, Camp Thunderbird, 12 VI 1977, S. E. Thewke [MERC]; ST. LOUIS, 3-VI-1894, 14-VIII-1896 (3) [UMRM].

*Stenocorus fuscus* (LeConte) - 3 specimens. BOONE CO., Columbia, 15-V-1988, D. G. LeDoux; COLE CO., Jefferson City, 1-VIII-1980 [MOTA]; JEFFERSON CO., Victoria Glades NA, 11-VI-1984, T. C. MacRae; LACLEDE CO., 3-VI-1978, E. J. Franklin [MERC]; ST. LOUIS, no date [SHAW]; ST. LOUIS CO., Glencoe, 7-VI-1978, D. Gilberg [MERC]; WAYNE CO., Mark Twain NF, Markham Spring RS, 7-VI-1984, UV light, J. R. Heitzman. The remaining specimen was taken on trunk of *Juglans nigra* (Rice 1982).

*Stenocorus trivittatus* (Say) - No Missouri specimens were examined. Linsley and Chemsak (1972) recorded it from "Missouri," but its occurrence in the state needs to be verified.

**Genus Rhagium**

*Rhagium inquisitor* (Linnaeus) - **New state record.** 103 specimens collected in Boone, Carter, Dent, Douglas, Jefferson, and Ste. Genevieve Counties. Seasonal occurrence: 8 April-19 May. Adults were collected on dead trunks of *Pinus echinata* and could be found abundantly in their pupal cells beneath the trunk-bark of dead *P. echinata* trees during late winter.

**Genus Gaurotes**

*Gaurotes cyanipennis* (Say) - 15 specimens, including: DOUGLAS CO., Mark Twain NF, Noblett Lake RS, 22- (2), 23-VI-1985, on flower *Hydrangea arborescens*, T. C. MacRae, FRANKLIN CO., Meramec SP, 22-V-1982, T. C. MacRae; MARIES CO, 9 mi S Vienna, 27-V-1979, F. E. Arnold [UMRM]; ST. LOUIS CO., Ranken, 27-V-1934, 6-VI-1937, 5-VI-1938 (2), all E. P. Meiners [UMRM]; STE GENEVIEVE CO., Hawn SP, 27-V-1989 (3), on flower *Cornus drummondii*, T. C. MacRae. Other specimens were seen from Boone Co. (Rice 1982).

**Genus Acmaeops**

*Acmaeops discoides* (Haldeman) - **New state record.** A single specimen was collected in STE GENEVIEVE CO., Hawn SP, 13-VI-1981, J. R. Heitzman [TCMC].

**Genus Brachysomida**

*Brachysomida buxitata* (Say) - 92 specimens collected in Adair, Barry, Boone, Franklin, Iron, Jefferson, Newton, St. Francois, St. Louis, Stone, Taney, and Wayne Counties. Seasonal occurrence: 1 April-26 June. Adults were collected on flowers of *B. vulgaris*, *B. ciliata*, *Physocarpus opulifolius intermedius*, *Rhus aromatica*, and *Rubus* sp. Single specimens were collected on *Quercus stellata* and dead branch of *Carya ovata*.

**Genus Metacmaeops**

*Metacmaeops vitatta* (Swederus) - **New state record.** 11 specimens: CAPE GIRARDEAU CO., Trail of Tears SP, 27-V-1985 (7), on flower *Cornus drummondii*, G. Balogh [TCMC]; JEFFERSON CO., Whip-Poor-Will Valley, 17-VI, on flower *Cornus drummondii*, J. M. Sullivan (pers. observation); ST. LOUIS, 14-VI-1908 (2), G. W. Bock [UMRM], no date [UMRM].

**Genus Strangalia**

*Strangalia bicolor* (Swederus) - **New state record.** 63 specimens collected in Boone, Carter, Dent, Douglas, Jefferson, St. Louis, Ste. Genevieve, Shannon, Stone, and Wayne Counties. Seasonal occurrence: 23 May-19 July. Adults were collected on flowers of *Hydrangea arborescens*, *Rosa carolina*, and *R. setigera*.

*Strangalia farnellica solitaria* Haldeman - 272 specimens collected in Adair, Barry, Benton, Bollinger, Boone, Butler, Callaway, Camden, Cape Girardeau, Carter, Clay, Crawford, Dent, Douglas,
Franklin, Holt, Iron, Jefferson, Montgomery, Morgan, Oregon, Phelps, Randolph, St. Francois, St. Louis, Ste Genevieve, Shannon, Stoddard, Taney, Texas, Wayne, and Wright Counties. Seasonal occurrence: 2 May-9 August, common during June. Adults were most commonly collected on flowers of *Rosa carolina*, *R. setigera*, and *Rudbeckia hirta*. Other adult hosts include flowers of *Carduus nutans*, *Ceanothus americanus*, *Cornus drummondii*, *Daucus carota*, *Hydrangea arborescens*, *Pyranthemum tenuifolium*, and *Rhus glabra*. One adult was beaten from *Quercus* sp. Occasional specimens were attracted to fermenting bait traps, Japanese beetle traps, and UV light. A series of specimens with the pronotum entirely black was collected in BARRY CO., 2.5 mi S Roaring River SP, 25-VI-1978 (18), on flower *Ceanothus americanus*, G. H. Nelson [& TCMC].

*Strangalia luteicornis* (Fabricius) - 470 specimens collected in Adair, Darby, Boone, Buchanan, Callaway, Camden, Cape Girardeau, Carter, Crawford, Dent, Douglas, Franklin, Gasconade, Holt, Iron, Jackson, Jefferson, Montgomery, Pike, Randolph, St. Clair, St. Francois, St. Louis, Ste. Genevieve, Shannon, Stoddard, Texas, Warren, and Wayne Counties. Seasonal occurrence: 12 May-18 August, abundant during June and July. Adults were collected on flowers of *Achillea millefolium*, *Ampelopsis cordata*, *Carduus nutans*, *Ceanothus americanus*, *Cornus sp.*. *C. drummondii*, *Daucus carota*, *Hydrangea arborescens*, *Pyranthemum muticum*, *Rosa carolina*, and *R. setigera*. One adult was beaten from *Carpus* sp. Large series were collected in malaise traps and Japanese beetle traps, and occasional specimens were collected in fermenting bait traps and at UV light.

*Strangalia sexnotata* Haldeman - 179 specimens collected in Barry, Barton, Boone, Camden, Carter, Cass, Clay, Crawford, Franklin, Gasconade, Henry, Howell, Iron, Jackson, Jefferson, Johnson, Lawrence, Morgan, Newton, Oregon, Pettis, Phelps, Randolph, St. Clair, Shannon, Stoddard, Stone, Taney, Texas, Vernon, and Wayne Counties. Seasonal occurrence: 14 May-21 August, more common during late June and early July. Adults were collected most often on flowers of *Rudbeckia hirta*. Additional adult hosts include flowers of *Achillea millefolium*, *Asclepias tuberosa interior*, *Daucus carota*, *Erigeron* sp., *Helenium flexuosum*, *Hydrangea arborescens*, and *Leucanthemum vulgare*.

**Genus Bellamira**


**Genus Analeptura**


**Genus Charisalia**

*Charisalia americana* (Haldeman) - New state record. 9 specimens: DENT CO., Salem, 2-V-1956, 9-V-1957, malaise trap, W D Buchanan [UMRM]; JEFFERSON CO., Victoria Glades NA, 22-V-1986, T. C. MacRae; ST. LOUIS, no date (2) [UMRM]; ST. LOUIS CO., Creve Coeur Lake, 7-VI-1899, 8-VI-1911, G. W. Bock [UMRM], Ranken, 30-IV-1933, E. P. Meiners [UMRM]; Tyson Research Center, 4-12-V-1986, malaise trap, M. Arduser [TCCM].

**Genus Grammoptera**


*Grammoptera luematites* (Newman) - New state record. 8 specimens: BARRY CO., Roaring River SP, 16-V-1978, E. G. Rulay [MERC]; ST. LOUIS CO., Ranken, 29-V, 5-VI-1938 (6), E. P. Meiners [UMRM].
Genus Judolia

Judolia cordifera (Olivier) - New state record. 39 specimens collected in Boone, Carter, Dent, Douglas, Franklin, Reynolds, Ste. Genevieve, and Wayne Counties. Seasonal occurrence: 25 May-25 June. Adults were collected on flowers of Ceanothus americanus, Cornus drummondi, Daucus carota, Erigeron sp., Hydrangea arborescens, Parthenium integrifolium, Physocarpus opulifolius intermedius, and Rhus glabra.

Genus Typocerus

Typocerus acuticauda acuticauda Casey - New state record. 85 specimens collected in Barton, Boone, Callaway, Cape Girardeau, Crawford, Holt, Jefferson, Lewis, Oregon, Pike, Randolph, St. Charles, St. Clair, St. Louis, Stoddard, Warren, and Wayne Counties. Seasonal occurrence: 12 May-10 September, more common mid-June through early July. Adult hosts include flowers of Asclepias perennis, Cephalanthus occidentalis, Cicuta maculata, Daucus carota, Hydrangea arborescens, and Rosa sp. Many of the specimens were collected in Japanese beetle traps in St. Louis during the 1030's.

Typocerus confinis Casey - New state record. 65 specimens collected in Barton, Crawford, Jackson, Jefferson, Johnson, Lawrence, Morgan, Pettis, Phelps, St. Louis, and Vernon Counties. Seasonal occurrence: 4 June-30 July. Adults were collected on flowers of Chicorium intybus, Daucus carota, Parthenium integrifolium, Pycnanthemum tenuifolium, Ratibida pinnata, and Rudbeckia hirta.

Typocerus lugubris (Say) - 48 specimens collected in Barry, Carter, Dent, Douglas, Franklin, Iron, Jefferson, Phelps, St. Louis, Shannon, Vernon, and Wayne Counties. Seasonal occurrence: 1 June-15 July. Adults of this fairly uncommon species were collected on flowers of Ceanothus americanus, Cornus drummondii, Daucus carota, Hydrangea arborescens, and Rhamnus caroliniana.

Typocerus lunulatus lunulatus (Swerderus) - 118 specimens collected in Barry, Boone, Butler, Camden, Carter, Crawford, Douglas, Franklin, Jefferson, Miller, Phelps, St. Francois, St. Louis, Ste. Genevieve, Stoddard, Texas, and Wayne Counties. Seasonal occurrence: 14 May-5 August, common during June. Adult hosts include flowers of Carduus nutans, Ceanothus americanus, Daucus carota, Parthenium integrifolium, Rhamnus caroliniana, Rosa setigera, and Rudbeckia hirta. Several adults were collected in Japanese beetle traps.

Typocerus lunulatus texanus Linsley & Chemisak - New state record. 2 specimens: BARRY CO., 2.5 mi S Bear River SP, 25-VI-1978, on flower Ceanothus americanus, G. H. Nelson; DOUGLAS CO., Mark Twain NF, Noblett Lake RS, 23-VI-1985, on flower Hydrangea arborescens, T. C. MacRae.

Typocerus octonotatus (Haldeman) - 415 specimens collected in Adair, Barry, Benton, Boone, Buchanan, Butler, Callaway, Camden, Carter, Christian, Clay, Cooper, Crawford, Gasconade, Greene, Henry, Holt, Howell, Iron, Jasper, Jefferson, Johnson, Lawrence, Maries, McDonald, Miller, Moniteau, Morgan, Newton, Oregon, Ozark, Pettis, Phelps, Polk, Pulaek, Randolph, St. Clair, St. Louis, Ste. Genevieve, Shannon, Stoddard, Stone, Taney, Texas, and Vernon Counties. Seasonal occurrence: 23 May-7 August, abundant mid-June through early July. This species was found most often on flowers of Rudbeckia hirta. Other adult hosts include flowers of Achillea millefolium, Asclepias variegata, Callirhoe sp., Coreopsis lanceolata, Daucus carota, Echinacea pallida, Erigeron sp., Leucanthemum vulgare, Ratibida pinnata, and Schrankia nutallii.

Typocerus velutinus velutinus (Olivier) - 266 specimens collected in Adair, Andrew, Barry, Benton, Boone, Callaway, Cape Girardeau, Carter, Crawford, Dent, Douglas, Franklin, Gasconade, Henry, Holt, Iron, Jefferson, Johnson, Lincoln, McDonald, Montgomery, New Madrid, Newton, Oregon, Osage, Phelps, Plate, Randolph, St. Francois, St. Louis, Ste. Genevieve, Shannon, Stoddard, Texas, Warren, Wayne, and Wright Counties. Seasonal occurrence: 14 May-6 September, abundant during June and July. Adults were collected commonly on flowers of Daucus carota, Hydrangea arborescens, Rosa carolina, and R. setigera. Other adult hosts include flowers of Asclepias syriaca, Carduus nutans, Ceanothus americanus, Cephalanthus occidentalis, Echinacea purpurea, Heydottis nigricans, Ipomoea purpurea, Melilotus alba, Schrankia nutallii, Trifolium pratense, T. repes, and Viburnum prunifolium. Large series of adults were captured in Japanese beetle traps, and occasional specimens were attracted to UV light.

Typocerus zebra (Olivier) - New state record. 32 specimens collected in Boone, Carter, Dent, Marion, St. Louis, Ste. Genevieve, Shannon, and Wayne Counties. Seasonal occurrence: 12 May-9
August. Several adults were collected on and emerged from trunks of dead *Pinus echinata*. Other adults were collected in pineywoods on flowers of *Achillea millefolium*, *Ceanothus americanus*, *Centaurium maculatum*, *Daucus carota*, *Rhamnus caroliniana*, *Rosa setigera*, *Rubus* sp., and *Sambucus canadensis*.

**Genus Neolaosterna**

*Neolaosterna capitata* (Newman) - No Missouri specimens were examined. Leng (1890) lists this species from "Mo," but its occurrence in the state needs to be verified.

**Genus Pseudostrangalia**

*Pseudostrangalia cruentata* (Haldeman) - New state record. 5 specimens: BOONE CO., Ashland WA, 24-V-1977, UV light, E. G. Riley [UMRM]; DENT CO., Montauk SP, 8-11-V-1989, D. G. LeDoux; FRANKLIN CO., MeramecSP, 19-V-1988, on flower *Rudus* sp., T. C. MacRae, ST. LOUIS CO., Ranken, 13-V-1934, E. P. Meiners [UMRM]; WAYNE CO., 2.5 mi SW Patterson, 12-V-1987, UV light, H. M. Webber [TCMC].

**Genus Leptura**

**Subgenus Megaleptura**


**Genus Strangalepta**

*Strangalepta abbreviata* (Germar) - New state record. 35 specimens collected in Barry, Boone, Carter, Crawford, Douglas, Franklin, St. Louis, Ste. Genevieve, Saline, and Wayne Counties. Seasonal occurrence: 25 May-9 July. Adults were collected on flowers of *Ceanothus americanus*, *Hydrangea arborescens* and *Ptelea trifoliata*.

*Strangalepta pubera* (Say) - New state record. 3 specimens: ADAIR CO., Big Creek SP, 28-VI-1984, A. Schreiber [TCMC]; Thousand Hills SP, 19-V-1987, M. Arduiser [TCMC]; CARVER CO., Mark Twain NF, Pinewoods Lake RS, 6-VI-1984, J. R. Heitzman.

**Genus Trigonarthris**


*Trigonarthris proxima* (Say) - 2 specimens: BOONE CO., Columbia, 3-VI-1974, UV light, S. E. Thewke [UMRM]; BUCHANAN CO., St. Joseph, 15-VI-1932 [MODA].

**Genus Brachyleptura**

*Brachyleptura rubrica* (Say) - 82 specimens collected in Andrew, Atchison, Barry, Boone, Crawford, Dent, Douglas, Franklin, Jackson, Jefferson, Reynolds, St. Louis, Ste. Genevieve, Shannon, Stoddard, and Wayne Counties. Seasonal occurrence: 28 May-9 July, more common during June. Adults were collected most often on flowers of *Hydrangea arborescens*, but also on those of *Ceanothus americanus*, *Cornus drummondii*, *Daucus carota*, and *Parthenium integrifolium*.

*Brachyleptura vagans* (Olivier) - New state record. 51 specimens collected in Barry, Carter, Dent, Douglas, Franklin, Jackson, Jefferson, Reynolds, St. Louis, Ste. Genevieve, Shannon, Stoddard, and Wayne Counties. Seasonal occurrence: 28 May-5 July. Adults were collected most often on flowers of *Ceanothus americanus*, but also on those of *Daucus carota*, *Hydrangea arborescens*, *Parthenium integrifolium*, and *Rhamnus caroliniana*. 

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*Yol. 7, No. 4, December, 1993*
Genus *Strophiona*

*Strophiona nitens* (Forster) - 12 specimens:

Subfamily LAMIINAE

Tribe MONOCHAMINI

Genus *Hebestola*

*Hebestola nebulosa* (Haldeman) - 2 specimens examined. Additional record: STODDARD CO., Otter Sough WA, 1-VI-1985, beating *Quercus phellos*, T. C. MacRae.

Genus *Plectrodera*


Genus *Monochamus*

*Monochamus carolinensis* (Olivier) - 109 specimens examined. Additional records: Barry, Carter, Cole, Crawford, Iron, Jefferson, St. Louis, and Shannon Counties. Most common early June to early July. Adults were collected nocturnally on and emerged from dead logs and branches of *Pinus echinata* and *P. sylvestris*.

*Monochamus titillator* (Fabricius) - 44 specimens examined. Additional records: Barry, Boone, Carter, Christian, Greene, Jackson, Reynolds, Ste. Genevieve, Shannon, Wayne, and Wright Counties. Like *M. carolinensis* (Olivier), adults were collected nocturnally on and emerged from dead logs of *Pinus echinata*. One adult was collected on dead *P. sylvestris*, and Riley (1880) reported this plant as a larval host in St. Louis. Rice and Enns (1981) speculated that this species is restricted in Missouri to the eastern part of the state, but both it and *M. carolinensis* occur throughout pineywoods across southern Missouri.

Genus *Goes*


*Goes pulcher* (Haldeman) - 16 specimens examined. Additional records: Adair, Atchison, Jefferson, St. Louis, Shannon, and Wayne Counties.


*Goes tesselatus* (Haldeman) - 20 specimens examined. Additional records: Douglas, Greene, Jackson, and Ste. Genevieve Counties. The specimen reported by Rice and Enns (1981) from Randolph County is actually *G. tumifrons* Linsley and Chemsak, which was undescribed at that time.

*Goes tigrinus* (Degueur) - 28 specimens examined. Additional records: Atchison, Bollinger, Grundy, Johnson, and Wayne Counties.


*Goes variegatus* Linsley & Chemsak - New state record. 2 specimens: ST. LOUIS, 6-VII-1938, Japanese beetle trap [TCMC]; STODDARD CO., Holly Ridge SF, 4-VII-1986, UV light, T. C. MacRae.

Tribe DORCASCHENMATINI

Genus *Dorcaschema*

*Dorcaschema alternatum* (Say) - 144 specimens examined. Additional records: Adair, Atchison, Bates, Buchanan, Clay, Jefferson, Johnson, Newton, St. Clair, and Stoddard Counties.

*Dorcaschema cinerea* (Olivier) - 170 specimens examined. Additional records: Atchison, Carter, Hickory, Holt, Platte, St. Francois, Ste. Genevieve, Shannon, and Wayne Counties. Adults were beaten...
from *Morus rubra* and *Quercus* sp., and two adults emerged from *Carya ovata*.

*Dorcaschema nigrum* (Say) - 64 specimens examined. Additional records: Callaway, Chariton, Jefferson, Ste. Genevieve, and Scott Counties. Adults were beaten from *Carya ovata*, and large series were collected on cut logs of *C. glabra* and *C. tomentosa*. Adults emerged from dead branches of *C. glabra* and *C. illinoensis*.

*Dorcaschema wildii* Uhler - 30 specimens examined. Additional records: Buchanan, Christian, Crawford, Platte, Randolph, and Wayne. Adults were collected on *Maclura pomifera* and at UV light.

**Tribe APOMECYNINI**

**Genus Dorcasta**

*Dorcasta cinerea* (Horn) - 13 specimens examined. Additional record: JACKSON CO., VI-1955 (2), R. H. Pine [SEMCL]. Adults were collected as late as October.

**Tribe PTEROPLIINI**

**Genus Ataxia**


*Ataxia crypta* (Say) - 16 specimens examined. Additional records: Adair, Boone, Franklin, and Jackson Counties. Adults were collected as early as 7 April. One specimen was collected at UV light.

*Ataxia hubbardi* Fisher - 59 specimens examined. Additional records: Bates, Benton, Greene, Jasper, Morgan, Newton, Ozark, Pettis, and Platte Counties. Several adults were collected at UV light. Fifteen specimens collected at Victoria Glades NA (Jefferson Co.) are smaller, narrower, darker, and less pubescent than typical specimens. They were collected on flower stalks of *Silphium terebinthinaceum*.

**Tribe RHODOPININI**

**Genus Eupogonius**


*Eupogonius tomentosus* (Haldeman) - 51 specimens examined. Additional records: Carter, Jefferson, St. Louis, Ste. Genevieve, and Shannon Counties. Adults were collected as late as 7 September, and several were collected at UV light. A large series was collected in Carter Co. on small, dead branches of *Pinus echinata*, and one adult emerged from this plant.

*Eupogonius vestitus* (Say) - 54 specimens examined. Additional records: Bollinger, Cape Girardeau, Clinton Franklin, Gaseonade, Henry, Hickory, Jackson, Lafayette, Lewis, Platte, Wayne, and Wright Counties. Adults were collected on *Carya sp.*, *Celtis occidentalis*, *Cercis canadensis*, and at UV light. Specimens emerged from small, dead branches of *Carya glabra*, *C. ovata*, *Liriodendron tulipifera*, and *Rhus glabra*.

**Genus Psenocerus**

*Psenocerus supernotatus* (Say) - 186 specimens examined. Additional records: Adair, Carter, Clinton, Howell, Nodaway, Ray, and Saline Counties. Adults were collected as early as 2 April and were common during April. Single specimens were collected on *Cercis canadensis*, *Diospyros virginiana*, and *Crataegus* sp. One adult emerged from dead branch of *Liriodendron tulipifera*.

**Tribe POGONOCHERININI**

**Genus Ecyrus**

*Ecyrus dasycerus dasycerus* (Say) - 123 specimens examined. Additional records: Barry, Carter, Crawford, Dent, Douglas, Greene, Hickory, Platte, Ste. Genevieve, Saline, Scott, Shannon, Stoddard, Wayne, and Wright Counties. This species was common at UV light. Adults were collected on dead *Celtis* sp. and *Cercis canadensis*. A small series emerged from dead branch of *Celtis occidentalis*.

**Genus Pogonocherus**

**Subgenus Eupogonocherus**

Tribe ONCIDERINI
Genus Oncideres

Oncideres cingulata cingulata (Say) - 306 specimens examined. Additional records: Andrew, Camden, Carter, Cooper, Jasper, Lewis, New Madrid, Perry, and Wayne Counties. Adults girdled Cercis canadensis on two occasions, and emerged from girdled branches of Carya glabra, C. tomentosa, and Ulmus americana. A few adults were attracted to UV light.

Tribe AGAPANTHIINI
Genus Hippopsis

Hippopsis lemniscata (Fabricius) - 67 specimens examined. Additional records: Jefferson, Platte, St. Louis, and Wright Counties. Adults were collected at UV light. J. M. Sullivan observed adults on foliage of Ambrosia artemisiifolia, Melilotus alba, and Polymnia canadensis; and another adult was collected on A. trifieda.

Tribe ACANTHODERINI
Genus Aegomorphus

Aegomorphus modestus (Fabricius) - 88 specimens examined. Additional records: Atchison, Barry, Benton, Cape Girardeau, Crawford, Franklin, Greene, Hickory, Jefferson, Linn, St. Louis, Ste. Genevieve, Shannon, Wayne, and Wright Counties. Adults were common at UV light, and a few adults were collected in fermenting bait traps. Single specimens were collected on Quercus sp. and Salix sp.

Aegomorphus morrisi ( Uhler) - No Missouri specimens seen. This species was recorded from "Missouri" by Leng and Hamilton (1896) and Blatchley (1910), although Rice and Enns (1981) did not include it in their checklist. Its occurrence in the state needs to be verified.

Aegomorphus quadrigibbus (Say) - 10 specimens examined. Additional records: Andrew, Clay, Scott, and Warren Counties.

Tribe ACANTHOCINI
Genus Tylocerina

Tylocerina nodosus (Fabricius) - New state record. 2 specimens: CARTER CO., Mark Twain NF, Pinewoods Lake RS, 22-VI-1984, J. R. Heitzman, 4-VI-1985, T. C. MacRae, all UV light in pineywoods.

Genus Neacanthocinus

Neacanthocinus obsoletus (Olivier) - 4 specimens examined. Additional records: CARTER CO., Mark Twain NF, Pinewoods Lake RS, 22-VI-1984, on Pinus echinata, G. H. Nelson, 4-VI-1983 (8), 3-4-VI (3), 6-VII-1985, 14-VI-1986 (2), all UV light, T. C. MacRae, 8-VI-1984 (2), UV light, J. R. Heitzman [TCMC]; SHANNON CO., Mark Twain NF, Logger's Lake RS, 26-VI-1982, 21-VI-1985 (3), UV light, T. C. MacRae. Both localities are pineywoods.

Genus Ceratographis

Ceratographis bugattatus (LeConte) - New state record. 20 specimens: CARTER CO., Mark Twain NF, Pinewoods Lake RS, 25-VI-1983 (8), 3-4-VI (3), 6-VII-1985, 14-VI-1986 (2), all UV light, T. C. MacRae, 8-VI-1984 (2), UV light, J. R. Heitzman [TCMC]; SHANNON CO., Mark Twain NF, Logger's Lake RS, 26-VI-1982, 21-VI-1985 (3), UV light, T. C. MacRae. Both localities are pineywoods.

Genus Graphisurus

Graphisurus despectus LeConte - 52 specimens examined. Additional records: Atchison, Barry, Benton, Cape Girardeau, Crawford, Franklin, Greene, Jefferson, Linn, Macon, Nodaway, Platte, Ripley, St. Francois, and Stoddard Counties. Adults were collected as late as 18 October and were very common at UV light. Adults were collected on Carya sp., C. ovata, Celtis sp., Quercus sp., and Q. velutina, trunk of fire-injured Quercus sp., and dead Acer saccharinum, Q. alba, and Q. rubra. One adult emerged from dead log of Quercus sp.

Graphisurus triangulifer (Haldeman) - 45 specimens examined. Additional records: Cooper, Platte, St. Louis, and Wayne Counties. Adults were collected 7 May-11 October. Most of the specimens were collected at UV light.

Genus Astylidius

Astylidius versutus versutus Casey - 16 specimens examined. Additional records: Jackson and St. Louis Counties. Adults were beaten from Quercus sp., Tilia sp., and dead branch of Ulmus sp., and two specimens emerged from dead branch of Aesculus glabra.
Genus Amniscus


Amniscus macula (Say) - 46 specimens examined. Additional records: Benton, Lewis, St. Louis, Ste. Genevieve, Taney, and Wayne Counties. Adults were collected as late as 8 August. One adult was taken on Caryo sp., and a large series of adults emerged from dead branch of Carpinus caroliniana virginiana.

Amniscus sexguttata (Say) - 86 specimens examined. Additional records: Carter, Crawford, Douglas, Jefferson, St. Clair, St. Louis, Ste. Genevieve, and Shannon Counties. Adults were collected 14 May-30 August. Many adults were collected nocturnally on dead branches of Pinus echinata and P. sylvestris, and a large series emerged from the former. Adults were also commonly collected at UV light.

Genus Leptostylus

Leptostylus transversus transversus Gyllenhal - 268 specimens examined. Additional records: Camden, Carter, Cooper, Crawford, Dent, Jackson, Montgomery, Nodaway, Oregon, Platte, Pulaski, Reynolds, St. Louis, Shannon, and Stoddard Counties. Adults were collected from early April through June. Many adults were attracted to UV light, and were collected on Carpinus caroliniana and nocturnally on dead branches of Carpinus caroliniana virginiana.


Genus Sternidius

The taxonomy of this group has been unstable due to the tremendous intraspecific variation exhibited by members of this genus and the resultant difficulties in defining species limits. Rice and Enns (1981) assigned Missouri specimens to either Sternidius alpha misellus (LeConte) or S. fascicularis fascicularis (Harris) based on Dillon (1956). However, Lewis (1986) greatly narrowed species limits within this genus, and recent collecting has made much additional Missouri material available for study, including many series of reared specimens. Using Lewis' concepts, Missouri specimens were segregated as follows:

Sternidius alpha (Say) - New state record. 73 specimens collected in Benton, Boone, Callaway, Cape Girardeau, Carter, Christian, Crawford, Franklin, Jackson, Jefferson, Lafayette, Lawrence, Randolph, St. Francois, St. Louis, Wayne, and Wright Counties. Seasonal occurrence: 30 April-26 August, more common early to mid-June. Many adults were attracted to UV light, others were taken on Quercus velutina and dead Caryo sp. and Juglans nigra. Large series of adults emerged from dead branches of Rhus sp. and R. typhina.

Sternidius fascicularis (Harris) - 262 specimens collected in Barry, Benton, Boone, Butler, Callaway, Carter, Christian, Clay, Clinton, Crawford, Dade, Dekalb, Franklin, Gasconade, Henry, Hickory, Jackson, Jefferson, Johnson, Lincoln, Mississippi, Pettis, Pike, Platte, Polk, Randolph, St. Charles, St. Clair, St. Francois, St. Louis, Ste. Genevieve, Shannon, Stoddard, Taney, Vernon, Wayne, and Wright Counties. Seasonal occurrence: 10 May-2 August, abundant from late May through June. Many specimens were attracted to UV light. Adults were collected on Celastrus scandens, Maclura pomifera, Morus alba, Robinia pseudo-acacia, and Toxicodendron radicans, and on dead branches of Celtis occidentalis, C. occidentalis, and Gleditsia triacanthos. A large series of adults emerged from dead branches of Celtis occidentalis, and other larval hosts include dead Caryo sp., Gleditsia triacanthos, and Morus alba.


Sternidius misellus (LeConte) - 86 specimens collected in Atchison, Barry, Boone, Callaway, Camden, Carter, Christian, Clay, Cooper, Crawford, Douglas, Franklin, Hickory, Holt, Jackson, Jasper, Jefferson, Phelps, Randolph, Reynolds, St. Clair, St. Louis, Ste. Genevieve, Shannon, Stoddard, Stone, Taney, Vernon, and Wayne Counties. Seasonal occurrence: 12 May-23 August, more common during June. Most of the specimens were attracted to...
UV light. Others were collected on *Celtis* sp. and *Quercus* *stellata* and dead branches of *Gleditsia triacanthos* and *Q. cocinea*. Larval hosts include dead branches of *Carpinus caroliniana virgini*na and *Carya* sp. and "twig pruner"-pruned branch of *Q. cocinea*.

*Sternidius punctatus* (Haldeman) - 84 specimens collected in Boone, Callaway, Carter, Franklin, Hickory, Jasper, Jefferson, Johnson, Montgomery, Nodaway, Shannon, St. Louis, Ste. Genevieve, Taney, and Wayne Counties. Lewis (1986) recorded this species from west-central Missouri. Seasonal occurrence: 3 May-12 July, most of the specimens obtained from rearing cages emerged throughout May. In addition to being attracted to UV light, adults were collected on dead branches of *Acer saccharinum, Celtis* sp., *Fraxinus pennsylvanica* and *Judas* *nigra*. Large series of adults emerged from dead branches of *Amelanchier arborea*, and other larvae hosts include dead branches of *Acer saccharum, Carpinus caroliniana virgini*na, *Carya laeoni*na, *Celtis occidentalis*, and *Dospyros* *virgini*na.

*Sternidius rusticus* (LeConte) - 25 specimens collected in Franklin, Jackson, Jefferson, Montgomery, and St. Louis Counties. Lewis (1986) recorded this species from south-east Missouri. Many of the adults were collected on and emerged from dead branches of *Acer saccharum*. A few adults emerged from dead branches of *Amelanchier arborea*.

*Sternidius vittatus* Dillon - New state record. 3 specimens: STE. GENEVIEVE CO., Hawn SP, emerged 30-V-1988 (2) from dead branch *Carpinus caroliniana virgini*na, wood collected 11-I-1988, T. C. MacRae; WAYNE CO., Mark Twain NF, Markham Springs RS, 5-VI-1985, UV light, T. C. MacRae.

**Genus Astyleiopus**

*Astyleiopus variegatus* (Haldeman) - 261 specimens examined. Additional records: Adair, Atchison, Barry, Clay, Cooper, Dent, Franklin, Jasper, Lewis, Mercer, Morgan, Newton, Nodaway, Phelps, Pike, Platte, Polk, St. Francois, Shannon, Stoddard, Taney, and Wayne Counties. Adults were commonly collected at UV light, and one adult emerged from dead *Juniperus virginiana*. Like *Leptostylus transversus transversus* Gyllenhal, this species apparently utilizes both angiosperms and gymnosperms as larval hosts.

**Genus Dectes**

*Dectes sayi* Dillon & Dillon - 73 specimens examined. Additional records: Adair, Andrew, Clark, Jackson, Lewis, Newton, Osage, Pemiscot, Pike, and Stoddard Counties. Several adults were collected on *Ambrosia trifida*.

*Dectes texanus texanus* LeConte - 167 specimens examined. Additional records: Buchanan, Callaway, Jefferson, Macon, Mississippi, Moniteau, and Polk Counties. Adults were collected on *Ambrosia trifida, Glycine max*, and *Helianthus* sp. Hatchett *et al.* (1975) studied the biology of this species on soybean in Missouri.

**Genus Lepturges**

*Lepturges angulatus angulatus* (LeConte) - 81 specimens examined. Additional records: Benton, Callaway, Cape Girardeau, Carter, Christian, Crawford, Franklin, Henry, Jackson, Jasper, Jefferson, Polk, St. Francois, and Wayne Counties. Adults were collected 27 May-24 July. Several adults were collected on *Celtis occidentalis*, dead *Quercus* sp., and at UV light. Large series emerged from small, dead branches of *Gleditsia triacanthos*.

*Lepturges confluens* (Haldeman) - 284 specimens examined. Additional records: Adair, Atchison, Barry, Benton, Callaway, Cape Girardeau, Carter, Christian, Clay, Cole, Crawford, Franklin, Gasconade, Henry, Hickory, Jasper, Jefferson, Johnson, Lawrence, Mississippi, Monroe, Ozark, Platte, Ralls, Reynolds, St. Clair, St. Francois, Scott, Shannon, Taney, Texas, and Wayne Counties. Adults were collected abundantly at UV light, beaten from *Carya glabra*, and collected on dead branches of *C. tomentosa* and *Quercus coccinea*. Adults also emerged from small, dead branches of *C. illinoensis* and *C. ovata*.

*Lepturges pictus* (LeConte) - 9 specimens examined. Additional records: Jefferson, St. Louis, Taney, and Wayne Counties. Specimens were beaten from *Celtis* sp. and dead *C. laevigata* and collected at UV light.

*Lepturges symmetricus* (Haldeman) - 23 specimens examined. Additional records: Callaway and Henry Counties. Many of the specimens were collected at a porch light near Sugar Creek Valley in Kirkwood (St. Louis Co.) by R. S. Thoma (& TCME) as early as 18 May, and several were beaten from dead *Celtis occidentalis*. 
Genus Maculurges

Maculurges regularis (LeConte) - 8 specimens examined. Additional record: ST. LOUIS CO., Lemay, 17-X-1959, A. Littahorsky [GHNC].

Genus Urgleptes

Urgleptes facetus (Say) - 24 specimens examined. Additional records: Jackson, Ste. Genevieve, and Taney Counties. Single specimens were collected on Celtis occidentalis, Cercis canadensis, Fraxinus americana, Physocarpus opulifolius intermedius, Quercus sp., and Q. prinoides. One adult emerged from small, dead branch of Amelanchier arborea.

Urgleptes querci (Fitch) - 103 specimens examined. Additional records: Barry, Carter, Christian, Dent, Franklin, Jackson, Jefferson, Lewis, St. Louis, Ste. Genevieve, Saline, and Wayne Counties. Adults were attracted to UV light and collected on dead branches of Acer saccharinum, Carya glabra, C. tomentosa, Celtis occidentalis, Cercis canadensis, Juglans nigra, and Quercus sp. Adults emerged from small dead branches and twigs of Juglans nigra, Ostrya virginiana, and Ulmus americana.

Genus Hyperplatys

Hyperplatys aspersa (Say) - 16 specimens examined. Additional records: Adair, Franklin, Johnson, St. Charles, Shannon, and Wayne Counties.

Hyperplatys maculata Haldeman - 83 specimens examined. Additional records: Franklin, Jackson, Ste. Genevieve, and Texas Counties. Single specimens were beaten from Cleditsia triacanthos and Quercus sp., and a large series emerged from dead branch of Carpinus caroliniana virginiana.

Genus Nyssodrysina

Nyssodryasa haldemani (LeConte) - No Missouri specimens were examined. Craighead (1923) described the larva of this species from specimens "taken from Celtis sp. in Missouri," although Rice and Enns (1981) did not include it in their checklist.

Tribe CYRTININI

Genus Cyrtinus

Cyrtinus pygmaeus LeConte - 4 specimens examined.

Genus Saperda

Saperda culiciformis Say - 22 specimens examined. Additional records: Cape Girardeau, Platte, Randolph, and Wayne Counties.

Saperda candida candida Fabricius - 45 specimens examined. Additional records: Barry, Bollinger, Cape Girardeau, Crawford, Morgan, Platte, St. Louis, and Saline Counties. This species was found attacking ornamental crabapples (Malus cultivars) at several nurseries throughout the state.

Saperda discoidea Fabricius - 69 specimens examined. Additional records: Atchison, Cape Girardeau, Carter, Cass, Jackson, Jefferson, Morgan, Ste. Genevieve, Shannon, and Wayne Counties. Adults of this sexually dimorphic species were collected frequently at UV light.

Saperda imitans Felt & Joutel - 17 specimens examined. Additional records: Carter, Clay, Jackson, Oregon, Platte, and Wayne Counties. Two specimens emerged from dead Carya cordiformis.

Saperda inornata Say - A single specimen was examined: BOONE CO, Columbia, 11-VI-1939, T. E. Birkett [UMRM]. Rice and Enns (1981) recorded this species (as S. concor LeConte) from Stone Co.

Saperda lateralis Fabricius - 93 specimens examined. Additional records: Atchison, Butler, Carroll, Carter, Crawford, Franklin, Jefferson, Laclede, Morgan, Pettis, Platte, Ste. Genevieve, Stoddard, and Wayne Counties. Adults were collected at UV light, beaten from Crataegus sp., and collected on dead Carya sp., C. cordiformis, C. glabra, C. ovata, and Ulmus rubra.

Saperda mutica Say - No Missouri specimens were seen. Rice and Enns (1981) did not record this species for Missouri. Say (1823) gave "Missouri" as the type locality of this species, a record which was repeated by Leng and Hamilton (1896) and Felt and Joutel (1904). However, Say's "Missouri" included a territory much larger than the present state, thus the occurrence of this species in the state needs to be verified.

Saperda obliqua Say - A single specimen was collected in STE. GENEVIEVE CO., Hawn SP, along Pickle Creek, 27-VI-1981, UV light, G. Balogh [TCMC]. Alder (Alnus spp.) is a known host for this species, and A. serrulata is abundant at the collection site. Say (1826) gave "Missouri" as the type locality (see discussion under S. mutica), but Rice and Enns (1981) did not list it.
Superda puncticollis Say - 33 specimens examined. Additional records: Franklin and Johnson Counties.

Superda tridentata Olivier - 261 specimens examined. Additional records: Andrew, Atchison, Barry, Bates, Buchanan, Carter, Cooper, Crawford, Jasper, Lewis, Linn, Macon, New Madrid, Nodaway, Ozark, Polk, Saline, Stone, Worth, and Wright Counties. Adults were collected as late as 26 October and were abundant at UV light. Single adults were collected on Ulmus alata and under bark of dead U. americana.

Superda vestita Say - 10 specimens examined.

Tribe PHYTOECINI

Genus Oberea

Oberea bimaculata (Olivier) - 91 specimens examined. Additional records: Adair, Clay, Dent, Franklin, Howard, Jackson, Jefferson, Ozark, Pettis, Phelps, St. Charles, St. Francois, St. Louis, Ste. Genevieve, Stone, Taney, and Wayne Counties.

Oberea delongi Knall - 122 specimens examined. Additional record: Clay Co. Most of the specimens (60) were collected in Japanese beetle traps in St. Louis in the 1930's.


Oberea praelonga Casey - New state record. 2 specimens: JEFFERSON CO., Festus, 22-V-1987, beating Populus deltoides. T. C. MacRae, STE. GENEVIEVE CO., Hawn SP, 27-V-1989, beating Ostrya virginiana, T. C. MacRae.

Oberea ruficolis (Say) - 11 specimens examined. Additional records: Boone, Jefferson, St. Francois, and Texas Counties.

Oberea shawii LeConte - 43 specimens examined.

Oberea tripunctata (Swederus) - 143 specimens examined. Additional records: Barry, Callaway, Cole, Hickory, Jackson, Jefferson, Lincoln, Montgomery, St. Charles, St. Clair, Ste. Genevieve, and Wayne Counties. Riley (1880) recorded O. mandarina (Fabricius) breeding in Populus monilifera (= P. deltoides monilifera) in St. Louis, a record that may refer to this species.

Genus Mecas Str.

Mecas cana saturnina (LeConte) - 10 specimens examined. Additional record: Mississippi Co. Most of the specimens were collected in Japanese beetle traps in St. Louis in the 1930's.

Mecas cineracea Casey - 14 specimens examined. Additional records: Adair, Barry, Carter, Monticello, and Stoddard Counties. Specimens were collected as late as 25 July, mostly by sweeping in dolomitic glades and small forest openings.

Mecas pergrata (Say) - 55 specimens examined. Additional records: Adair, Barry, Carter, Christian, Cole, Howard, Jefferson, Lawrence, and Madison Counties. Most of the specimens were collected by sweeping in dolomitic glades and small forest openings.

Tribe TETRAOPINI

Genus Tetraopes

Tetraopes femoratus LeConte - 126 specimens examined. Additional records: Adair, Andrew, Franklin, Jackson, Jasper, Jefferson, Johnson, Lincoln, Macon, Monroe, Nodaway, Pike, Ray, St. Clair, St. Francois, Sullivan, Taney, and Warren Counties. Adults were collected as late as 9 October on Aesclepias hirtella, A. incarnata, A. syriaca, A. tuberosa interior, A. viridiflora, and A. viridis. Rice (1989) recorded this species from Hickory and Polk Counties, speculating A. hirtella as the probable larval host.

Tetraopes quinquemaculatus Haldeman - 80 specimens examined. Additional records: Adair, Barry, Christian, Cole, Jefferson, Phelps, and Wright Counties. Most of the adults were collected on Aesclepias tuberosa interior, but a few were collected at Holly Ridge SF (Stoddard Co.) on A. amplexicaulis. Rice (1989) recorded it from Hickory and St. Clair Counties on A. hirtella, A. tuberosa, and A. viridiflora, speculating A. hirtella as the likely larval host.

Tetraopes tetrophthalmus (Forster) - 806 specimens examined. Additional records: Andrew, Barton, Benton, Cass, Chariton, Cole, Franklin, Howard, Jasper, Jefferson, Johnson, Knox, Lafayette, Lewis, Lincoln, Livingston, Macon, Madison, Monroe, Montgomery, Morgan, Newton, Perry, Phelps, Platte, Saline, Scott, Sullivan, Warren, and Washington Counties. The vast majority of adults were collected on Aesclepias syriaca, however, J.M. Sullivan observed adults feeding on A. sullivantii.

Genus Phaea

Phaea monostigma (Haldeman) - 41 specimens examined. Additional records: Barry, Jefferson, Shannon, Stoddard, Texas, Wayne, and Wright Counties.

Tribe HEMILOPHINI

Genus Hemiherana

Hemiherana marginata (Fabricius) - 51 specimens examined. Additional records: Andrew, Franklin, Jefferson, Lincoln, St. Charles, and St. Clair Counties.

Family DISTENIIDAE

Genus Distenia

Distenia undata (Fabricius) - New state record. 115 specimens collected in Atchison, Boone, Buchanan, Butler, Callaway, Cape Girardeau, Carter, Clay, Cole, Dent, Franklin, Howell, Jackson, Jefferson, Johnson, Mississipp, Newton, Ozark, Pike, Polk, Ray, Reynolds, St. Francois, St. Louis, Saline, Stoddard, Warren, and Wayne Counties. Seasonal occurrence: 5 June-20 September, common late June through July. Many specimens were collected in fermenting bait traps and at UV light. Adults were also collected on Robinia pseudo-acacia and nocturnally on dead branches of Carya sp. and Cercis canadensis. A single specimen emerged from dead root of C. canadensis.

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Literature Cited


