

## SPIDERS OF ILLINOIS: ADDITIONAL SPECIES

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**ABSTRACT.**—Thirteen species of spiders are listed as new Illinois records. Family Oecobiidae is reported for the first time in Illinois. State records now include 355 species from 26 families.

A check list of the spiders known to occur in Illinois was published by B. J. Kaston in 1955. Kaston's list included 342 species from 25 families for which positive records exist. The additional 13 species listed in the present paper expand the species total to 355 and the number of families to 26.

These new records are based on specimens collected in the Mattoon area of east-central Illinois and are now in the author's collection. The specimens were collected from stations established by the author in 1959 for the purpose of a distributional study of the spider fauna of the area. The sites at which specimens were obtained are indicated in the following list by the Township, Range, and Section code.

### Family Anyphaenidae

*Anyphaena fraterna* (Banks). One male swept from undergrowth; T13N-R7E-S10  $\frac{1}{2}$ N, wooded stream bank near Cooks Mills, Coles Co., June 8, 1960.

### Family Thomisidae (Crab spiders)

*Synema parvula* (Hentz). One female taken by sweeping; T13N-R8E-S4  $\frac{1}{4}$ SE, woodslot near Humboldt, Coles Co., Oct. 12, 1959. One immature; T11N-R9E-S12  $\frac{1}{4}$ SE, Fox Ridge State Park, Coles Co., Aug. 28, 1961.

### Family Salticidae

#### (Jumping spiders)

*Habronattus coronatus* (Hentz). Female swept from weeds; T15N-R8E-S10  $\frac{1}{4}$ SW, railroad right-of-way south of Tuscola, Douglas Co., Aug. 22, 1960.

*Metacryba taeniolu* (Hentz). Female swept from herbs; T11N-R7E-S4  $\frac{1}{4}$ NW, Lake Paradise, Coles Co., June 1, 1960.

One penultimate male; T12N-R9E-S25  $\frac{1}{4}$ NE, Lake Charleston, Coles Co., Oct. 15, 1960.

*Myrmarachne hentzi* Banks. One female; T11N-R9E-S21  $\frac{1}{4}$ SE, Lincoln Log Cabin State Park, Coles Co., June 3, 1961.

*Peckhamia americana* (Peckham). Female swept from vegetation near bridge; T13N-R6E-S17  $\frac{1}{4}$ SE, near Allenville, Moultrie Co., July 10, 1961. Female swept from tall weeds; T11N-R4E-S2  $\frac{1}{4}$ NE, Lithia Springs Park, Shelby Co., June 6, 1962.

### Family Oecobiidae

*Oecobius texanus* Bryant. Female swept from underbrush; T11N-R10E-S19  $\frac{1}{4}$ NW, woodslot 6 miles south of Charleston, Coles Co., June 9, 1960. This is the first record of the occurrence of this family in the state.

### Family Araneidae

#### (Typical orb-weavers)

*Neoscona minima* F. O. P. Cambridge. Males and females common. T15N-R8E-S10  $\frac{1}{4}$ SW, railroad right-of-way south of Tuscola, Douglas Co., June 26, 1960. T15N-R7E-S12  $\frac{1}{4}$ SW, pasture 6 miles southwest of Tuscola, Douglas Co., Sept. 17, 1960; June 23, 1962. T14N-R5E-S15  $\frac{1}{4}$ SW, farm 4 miles north of Sullivan, Moultrie Co., July 1, 1960. T12N-R6E-S32  $\frac{1}{4}$ NW, farm near Windsor, Shelby Co., June 21, 1960. T9N-R7E-S18  $\frac{1}{4}$ NW, farm near Sigol, Cumberland Co., Aug. 24, 1960; June 14, 1962.

### Family Lycosidae

#### (Wolf spiders)

*Pirata maculatus* Emerton. Mature female, two immatures taken on bare soil near water; T12N-R9E-S25  $\frac{1}{4}$ NE, Lake Charleston, Coles Co., June 6, 1960.

### Family Oxyopidae

#### (Lynx spiders)

*Oxyopes scalaris* Hentz. One female taken by sweeping; T11N-R4E-S2  $\frac{1}{4}$ NE, Lithia Springs Park, Shelby Co., June 6, 1962.

**Family Clubionidae**  
(Sack spiders)

*Clubiona pygmaea* Banks. One female; T12N-R9E-S25  $\frac{1}{4}$ NE, Lake Charleston, Coles Co., June 30, 1961.

*Castianeira gertschi* Kaston. Female found on door screen of house; T12N-7E-S14  $\frac{1}{4}$ NW, Mattoon, Coles Co., May 5, 1960.

**Family Uloboridae**  
(Hackled-band orb-weavers)

*Uloborus octonarius* Muma. Very common in horizontal or inclined orb webs in rafters in barns and sheds. T11N-7E-S12  $\frac{1}{4}$ SW, in barn and sheds on farm 4 miles south of Mattoon, Coles Co., June 1, 1960; Aug. 24, 1960; June 1, 1961. T10N-R7E-S1  $\frac{1}{4}$ SE, in barn on farm 4 miles east of Neoga, Cumberland

Co., Oct. 31, 1959; June 2, 1960; June 23, 1961.

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LITERATURE CITED

KASTON, B. J. 1955. Check list of Illinois spiders. Trans. Ill. Acad. Sci. 47: 165-172.