


1983

## Twenty-Two New Species of Spiders for the Arkansas Checklist

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### Recommended Citation

Beck, Mary L. and Dorris, Peggy Rae (1983) "Twenty-Two New Species of Spiders for the Arkansas Checklist," *Journal of the Arkansas Academy of Science*: Vol. 37 , Article 22.

Available at: <http://scholarworks.uark.edu/jaas/vol37/iss1/22>

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# GENERAL NOTES

## TWENTY-TWO NEW SPECIES OF SPIDERS FOR THE ARKANSAS CHECKLIST

Beck and Dorris (1982) presented a preliminary study of spiders of the east central Ozark Mountain area. After recently covering the entire Ozark Mountain area, 363 species representing 33 families were found, of which 22 represent new records for the Arkansas checklist.

Several methods for collecting were used in this study, including: a) heavy duty sweep net in grasses and heavy brush, b) wire mesh sieve for leaf litter, c) hatchet, for chopping bark from trees, d) hand picking from bushes, ground and dwellings, and other related places, e) mud-dauber nest collections to reveal paralyzed spiders captured by these Hymenopterans, f) night spot-lighting, and g) scanning wooded areas for webs. Specimens were killed and preserved in 75% ethanol. Collections were made at various hours to ensure a broad coverage of spider habits. Also, to insure a broad coverage of the Ozark Mountain area, ten check stations were established and sampled from February 1979 through July 1982. Each station was checked four or more times during the period to ensure representative sampling; two sub-stations were inspected one to three times.

Taxonomic names used are those employed by Comstock (1972), and Kaston (1948, 1978). The table summarizes 1) county in which collected, 2) date collected, 3) method of capture, 4) habitat association, and 5) specific site of collection.

TAXON	COUNTY	DATE	METHOD	HABITAT	COLLECTION SITE
<b>Antrodiaetidae</b>					
<u>Antrodiaetus unicolor</u> (Hentz)	Marion	7/5/79	P	Field	Buffalo Point
<b>Uloboridae</b>					
<u>Uloborus diversus</u> Marx	Stone	6/1/82	SN	Low Shrubs	Mountain View Airport
<b>Scytodidae</b>					
<u>Scytodes perfecta</u> Banks	Cleburne	6/1/82	P	Building	Swinging Bridge Heber Springs
<b>Theridiidae</b>					
<u>Rhomphaea lacerta</u> (Walckenaer)	Newton	6/4/82	P	Low Shrubs	Lost Valley Water Fall
<u>Tidarren sisypoides</u> (Walckenaer)	Lawrence	5/3/81	P	Low Shrubs	Lake Charles Rec. Area
	Newton	6/9/81	P	Forest	Lost Valley Visitor's Area
<u>Anelosimus textrix</u> (Walckenaer)	Marion	5/29/80	P	Low Shrubs	Wild Cat Shoals Cotter
<b>Linyphiidae</b>					
<u>Lepthyphantes zebra</u> (Emerton)	Newton	3/18/81	SN	Mixed Grasses	Lost Valley Nature Trail
<b>Micryphantidae</b>					
<u>Ceraticelus emertoni</u> (O.P. Cambridge)	Cleburne	6/1/82	SN	Field	Swinging Bridge Heber Springs
<u>Pelecopsis moestum</u> (Banks)	Lawrence	5/31/81	P	Bare Ground	Lake Charles Rec. Area
	Boone	6/8/81	SN	Field	Industrial Park Harrison
<b>Araneidae</b>					
<u>Eustala cepina</u> (Walckenaer)	Lawrence	7/27/81	SN	Field	Lake Charles Rec. Area
<u>Larinia directa</u> (Hentz)	Marion	5/9/80	P	Field	Wild Cat Shoals Cotter
	Lawrence	7/27/81	SN	Heavy Brush	Lake Charles Rec. Area
	Cleburne	6/1/82	SN	Field	Swinging Bridge Heber Springs

## General Notes

TAXON	COUNTY	DATE	METHOD	HABITAT	COLLECTION SITE
<u>Neoscona minima</u> F.O.P.- Cambridge	Cleburne	6/1/82	SN	Field	Swinging Bridge Heber Springs
<u>Singa keyserling</u> McCook	Boone	6/8/81	SN	Field	Industrial Park Harrison
	Marion	5/30/80	SN	Field	Wild Cat Shoals Cotter
Lycosidae					
<u>Pirata piratica</u> (Clerck)	Marion	5/30/80	P	Low Shrubs	Wild Cat Shoals Cotter
<u>Arctosa emertoni</u> Gertsch	Cleburne	5/1/81	P	Forest	1 Mile South Swinging Bridge Heber Springs
<u>Allocosa funerea</u> (Hentz)	Lawrence	6/1/81	P	Leaf Litter	Lake Charles Rec. Area
	Newton	6/9/81	P	Leaf Litter	Lost Valley Visitor's Area
	Cleburne	6/1/82	P	Leaf Litter	1 Mile South Swinging Bridge Heber Springs
<u>Pardosa moesta</u> Banks	Lawrence	5/31/81	P	Short Mixed Grasses	Lake Charles Boat Ramp
Gnaphosidae					
<u>Callilepis pluto</u> Banks	Washington	3/18/81	SN	Leaf Litter	Devil's Den Camp Ground
<u>Zelotes rusticus</u> (L. Koch)	Marion	6/3/82	SN	Field	Rim Shoals Cotter
Thomisidae					
<u>Misumenops deserti</u> Schick	Baxter	6/3/81	SN	Field	Bull Shoals State Park
Salticidae					
<u>Phidippus apacheanus</u> Chamberlin & Gertsch	Newton	6/9/81	P	Field	Lost Valley Nature Trail
<u>Metaphidippus flaviceps</u> Kaston	Lawrence	7/27/81	SN	Bare Ground	Mammoth Springs State Park

Method Code----- P--Hand Picked  
SN--Sweep Net

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