

# DISTRIBUTION OF OKLAHOMA GRASSLAND SPIDERS AND NEW RECORDS FOR THE STATE<sup>1</sup>

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Data for 18 families, 53 genera, and 81 species are reported; 7 genera and 17 species are added to the list known from Oklahoma.

At the time of her death (February, 1968), Dr. Harriet Exline Frizzell was verifying the senior author's diagnoses of a relatively large series of spiders, secured primarily by Drew and his students from most of the counties of Oklahoma. In her last communication, Dr. Frizzell indicated that she had completed most of the work, and she included a list of verifications. These spiders form the basis for this report. We are also indebted to Drs. W. Ivie and W. J. Gertsch for identifying some specimens. Several specimens were retained by Dr. Frizzell and, hence, are in her collection at Central Missouri State College, under the care of Dr. William B. Peck. The remainder are in reposition at Oklahoma State University.

No single check-list for Oklahoma is available. Excluding various monographic presentations, reference to which may be found in the papers herein cited, only eight works bear directly on the Oklahoma spider fauna (1-8). A total of 281 species were listed in the eight papers.

This paper presents data for 18 families, 53 genera, and 81 species, seven genera and 17 species of which were heretofore unrecorded for Oklahoma. In the annotated list, new records for the state are marked by an asterisk, and all forms are referred to the proper collecting sites by number; the figures in italics indicate the number of specimens collected.

## COLLECTION SITES

1. 12 Aug. 1959 — Bowling Springs State Park, Woodward Co., Okla.
2. 9 Dec. 1958 — Broomsedge, Sand Springs, Tulsa Co., Okla.
3. 8 May 1960 — Camp Classen, Murray Co., Okla.

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4. 9 Dec. 1958 — Little Bluestem, Antioch, Garvin Co., Okla.
5. 9 Jan. 1959 — Little Bluestem, Sulphur, Murray Co., Okla.
6. 18 Nov. 1959 — Dropseed, Collinsville, Tulsa Co., Okla.
7. 4 Dec. 1958 — Purpletop, Morris, Okmulgee Co., Okla.
8. 10 Dec. 1958 — Little Bluestem, Lovell, Logan Co., Okla.
9. 7 Jan. 1959 — Little Bluestem, Milburn, Johnston Co., Okla.
10. 9 Dec. 1959 — Little Bluestem, Okarche, Canadian Co., Okla.
11. 17 Nov. 1959 — Little Bluestem, 12 mi. S. Bristow, Creek Co., Okla.
12. 2 Jan. 1958 — Big Bluestem, Hugo, Choctaw Co., Okla.
13. 5 Dec. 1958 — Dropseed, 3½ mi. SW Owasso, Tulsa Co., Okla.
14. 16 July, 1959 — U. O. B. S., Willis, Marshall Co., Okla.
15. 7 May 1960 — Dark part of cave, Turner Falls, Murray Co., Okla.
16. 26 Feb. 1954 — Lake Carl Blackwell, Payne Co., Okla.
17. 16 Nov. 1959 — 2.4 mi. W Jct. 29 and 77, Little Bluestem, Garvin Co., Okla.
18. 19 Nov. 1959 — Indian Grass, 1 mi. NE Haywood, Pittsburg Co., Okla.
19. 18 Nov. 1959 — Little Bluestem, 1½ mi. S Jct 39 and 29, McClain Co., Okla.
20. 8 Jan. 1959 — Little Bluestem, Tishomingo, Johnston Co., Okla.
21. 4 Dec. 1958 — Little Bluestem, Rush Springs, Grady Co., Okla.
22. 13 Jan. 1959 — Little Bluestem, Tillman Co., Okla.
23. 19 Nov. 1959 — Little Bluestem, 3 mi. W Morrison, Noble Co., Okla.
24. 8 Dec. 1958 — Purpletop, Dustin, Hughes Co., Okla.
25. 13 Jan. 1959 — Little Bluestem, Kingston, Marshall Co., Okla.
26. 4 Dec. 1959 — Broomsedge, Checotah, McIntosh Co., Okla.
27. 12 Jan. 1959 — Little Bluestem, Hopewell, Oklahoma Co., Okla.
28. 19 Nov. 1959 — Purpletop, 9 mi. N Ponca City, Kay Co., Okla.
29. 3 Dec. 1958 — Little Bluestem, 7 mi. S Jct Highways 9 and 30, Harmon Co., Okla.
30. 18 Nov. 1959 — Little Bluestem, 3 mi. W Luther, Oklahoma Co., Okla.
31. 9 Dec. 1958 — Little Bluestem, Ada, Pontotoc Co., Okla.
32. 7 Jan. 1959 — Broomsedge, Oakland, Marshall Co., Okla.

33. 13 Jan. 1959 — Broomsedge, Cameron, LeFlore Co., Okla.
34. 16 Nov. 1959 — Little Bluestem, 5 mi. S Tuttle, Grady Co., Okla.
35. 13 Jan. 1959 — Dropseed, Ryan, Jefferson Co., Okla.
36. 11 Dec. 1958 — Little Bluestem, Tryon, Lincoln Co., Okla.
37. 9 Dec. 1958 — Broomsedge, Miami, Ottawa Co., Okla.
38. 13 Jan. 1959 — Little Bluestem, Tupelo, Coal Co., Okla.
39. 3 Dec. 1958 — Little Bluestem, Vinson, Harmon Co., Okla.
40. 18 Nov. 1959 — Dropseed, 1 mi. E Owasso, Tulsa Co., Okla.
41. 17 Nov. 1959 — Broomsedge, 4 mi. E Beggs, Okmulgee Co., Okla.
42. 11 Nov. 1959 — Little Bluestem, 6 mi. N Prague, Lincoln Co., Okla.
43. 18 Nov. 1959 — Little Bluestem, 1 mi. S Hollywood, Cleveland Co., Okla.
44. 18 Nov. 1959 — Indian Grass, 4 mi. S Seilwell, Adair Co., Okla.
45. 16 Nov. 1959 — Indian Grass, 2 mi. E Holbert, Cherokee Co., Okla.
46. 16 Nov. 1959 — Broomsedge, 2 mi. SE Wetumka, Hughes Co., Okla.
47. 19 Nov. 1959 — Broomsedge, 5.8 mi. S. Payne Co. line, in Pottawatomie Co., Okla.
48. 10 Dec. 1958 — Little Bluestem, 4 mi. SE Claremore, Rogers Co., Okla.
49. 18 Nov. 1959 — Little Bluestem, 10 mi. N Okla. City, Okla. Co., Okla.
50. 18 Nov. 1959 — Little Bluestem, 0.5 mi. E Bailey's Corner, Cleveland Co., Okla.
51. 18 Nov. 1959 — Bentley Co. Road, Adair Co., Okla.
52. 12 Dec. 1958 — Broomsedge, Tahlequah, Cherokee Co., Okla.
53. 4 Dec. 1958 — Broomsedge, 2.5 mi. SE Okmulgee, Okmulgee Co., Okla.
54. 13 Jan. 1959 — Broomsedge, Bokoshe, LeFlore Co., Okla.
55. 21 Nov. 1958 — Salt Plains National Wildlife Refuge, (Sand Creek), Alfalfa Co., Okla.
56. 12 Jan. 1959 — Dropseed, Stigler, Haskell Co., Okla.
57. 13 Jan. 1959 — Broomsedge, Yanush, Latimer Co., Okla.
58. 13 Jan. 1959 — Little Bluestem, Cotton Co., Okla.
59. 11 May 1960 — Boomer Creek, Stillwater, Payne Co., Okla.
60. 10 Dec. 1959 — Dropseed, Nowata, Nowata Co., Okla.
61. 7 Jan. 1959 — Little Bluestem, Marietta, Pottawatomie Co., Okla.
62. 9 Dec. 1958 — Broomsedge, Big Cabin, Craig Co., Okla.
63. 19 Nov. 1959 — Little Bluestem, 2 mi. N Coweta, Wagoner Co., Okla.
64. 17 Nov. 1959 — Little Bluestem, 2.5 mi. E Seminole, Seminole Co., Okla.
65. 4 Dec. 1959 — Little Bluestem, Lexington, Cleveland Co., Okla.
66. 4 Dec. 1958 — Little Bluestem, Warner, Muskogee Co., Okla.
67. 8 Dec. 1958 — Little Bluestem, Wainwright, Muskogee Co., Okla.
68. 18 Nov. 1959 — Little Bluestem, 2 mi. NE Barnstern, Muskogee Co., Okla.
69. 13 Jan. 1959 — Little Bluestem, Waurika, Jefferson Co., Okla.
70. 17 Jan. 1959 — Broomsedge, Cowlington, LeFlore Co., Okla.
71. 19 Nov. 1959 — Indian Grass, 1 mi. N Caney, Atoka Co., Okla.
72. 12 Jan. 1959 — Big Bluestem, Dover, Kingfisher Co., Okla.
73. 17 Nov. 1959 — Indian Grass, Atkins, Sequoyah Co., Okla.
74. 12 Dec. 1958 — Little Bluestem, Shawnee, Pottawatomie Co., Okla.
75. 16 Nov. 1959 — Broomsedge, 11 mi. S Wetumka, Hughes Co., Okla.
76. 4 Dec. 1958 — Broomsedge, Hanna, McIntosh Co., Okla.
77. 11 Nov. 1958 — 5 mi. W Strong City, Roger Mills Co., Okla.
78. 19 Nov. 1959 — 6 mi. E Cushing, Payne Co., Okla.
79. 13 Jan. 1959 — Little Bluestem, Coalgate, Coal Co., Okla.
80. 11 Dec. 1958 — Little Bluestem, Billings, Noble Co., Okla.
81. 4 Dec. 1958 — Dropseed, Kellyville, Creek Co., Okla.
82. 4 Dec. 1958 — Broomsedge, Slick, Creek Co., Okla.
83. 18 Nov. 1959 — Little Bluestem, Gray, Johnston Co., Okla.
84. 18 Nov. 1959 — Little Bluestem, 2 mi. S Council Hill, McIntosh Co., Okla.
85. 12 Dec. 1959 — Broomsedge, 0.5 mi. W Jct 92 and 52, Canadian Co., Okla.
86. 16 Feb. 1957 — Headquarters building, Salt Plains National Wildlife Refuge, Alfalfa Co., Okla.
87. 8 Dec. 1958 — Broomsedge, Valliant, McCurtain Co., Okla.
88. 10 Oct. 1958 — Broomsedge, Oologah, Rogers Co., Okla.
89. 1 Jan. 1959 — Big Bluestem, Miller, Pushmataha Co., Okla.
90. 19 Nov. 1959 — Little Bluestem, Cleo Springs, Major Co., Okla.
91. 4 Feb. 1959 — Science Building, Oklahoma State University, Payne Co., Okla.
92. 18 Nov. 1959 — Little Bluestem, 3.5 mi. S Pawnee, Pawnee Co., Okla.
93. 10 Dec. 1958 — Broomsedge, Pegga, Cherokee Co., Okla.
94. 20 Dec. 1958 — Vickery Cave, Major Co., Okla.
95. 15 Feb. 1958 — Anderson Creek Cave, Woods Co., Okla.
96. 13 Jan. 1959 — Broomsedge, Dewey Co., Okla.
97. 29 July 1954 — Alfalfa, Stillwater, Payne Co., Okla.
98. 18 April 1958 — Boudinot, Cherokee Co., Okla.
99. 13 June 1959 — Little Bluestem, Coleman, Atoka Co., Okla.
100. 13 June 1959 — Purpletop, Harrah, Oklahoma Co., Okla.
101. 8 Dec. 1958 — Broomsedge, Pryor, Mayes Co., Okla.
102. 13 June 1959 — Little Bluestem, Kenton, Cimarron Co., Okla.

103. 9 Dec. 1958 — Big Bluestem, Terison, Pawnee Co., Okla.
104. 8 Dec. 1958 — Broomsedge, Tom, McCurtain Co., Okla.
105. 10 Dec. 1958 — Little Bluestem, Norman, Cleveland Co., Okla.
106. 12 Jan. 1959 — Dropseed, Reeding, Kingfisher Co., Okla.
107. 19 Nov. 1959 — Purpletop, 3 mi. E Newkirk, Kay Co., Okla.
108. 1 Jan. 1959 — Big Bluestem, Edmond, Okla. Co., Okla.
109. 13 Jan. 1959 — Little Bluestem, Mexhoma, Cimarron Co., Okla.
110. 18 Nov. 1959 — Big Bluestem, 3.5 mi. E Mounds, Tulsa Co., Okla.
111. 19 Nov. 1959 — Little Bluestem, 3 mi. W Lawton, Comanche Co., Okla.
112. 19 Nov. 1959 — Dropseed, 5.5 mi. W Tonkawa, Kay Co., Okla.
113. 19 Nov. 1959 — Broomsedge, 1.8 mi. N St. Louis, Pottawatomie Co., Okla.
114. 16 Nov. 1959 — Little Bluestem, 2 mi. S Fitzhugh, Pontotoc Co., Okla.
115. 8 Jan. 1959 — Little Bluestem, Fillmore, Johnston Co., Okla.
116. 19 Nov. 1959 — Broomsedge, Atoka, Atoka Co., Okla.
117. 16 Nov. 1959 — Little Bluestem, 4.5 mi. E Bowlegs, Seminole Co., Okla.
118. 16 Nov. 1959 — S Bluestem 2 mi. E Pauls Valley, Garvin Co., Okla.
119. 19 Nov. 1959 — Indian Grass, 1.5 mi. N Ashland, Pittsburg Co., Okla.
120. 20 Nov. 1959 — Indian Grass, 4 mi. E Enterprise, Haskell Co., Okla.
121. 18 Nov. 1959 — Little Bluestem, 3 mi. E Ft. Gibson, Muskogee Co., Okla.
122. 12 Jan. 1959 — Big Bluestem, Leguire, Haskell Co., Okla.
123. 9 Dec. 1958 — Little Bluestem, Asher, Pottawatomie Co., Okla.
124. 18 Nov. 1959 — Little Bluestem, 2 mi. S Fitzhugh, Pontotoc Co., Okla.
125. 4 Dec. 1958 — Little Bluestem, Sweetwater, Roger Mills Co., Okla.
126. 12 June 1959 — Broomsedge, Whitefield, Haskell Co., Okla.
127. 24 July 1960 — Mouth Mountain Fork River, McCurtain Co., Okla.
128. 19 Nov. 1959 — Little Bluestem, 4 mi. W Tecumseh, Pottawatomie Co., Okla.
129. 16 Nov. 1959 — Little Bluestem, 1.5 mi. E Elmore Ctrv. Garvin Co., Okla.
130. 11 July 1959 — Price's Falls, Murray Co., Okla.
131. 13 Jan. 1959 — Little Bluestem, Courtney, Love Co., Okla.
132. 18 Nov. 1959 — Little Bluestem, 4 mi. W Midway, Okmulgee Co., Okla.
133. 4 Dec. 1958 — Little Bluestem, Onapa, McIntosh Co., Okla.
134. Little Bluestem — 2 mi. E Parkland, Lincoln Co., Okla.
135. 7 May 1960 — Scouring rush, Honey Creek, Turner Falls, Murray Co., Okla.
136. 12 Dec. 1958 — Little Bluestem, 7 mi. N Jct 16 and 52, Cherokee Co., Okla.
137. 12 Dec. 1958 — Dropseed, 4 mi. NW Skiatook, Tulsa Co., Okla.
138. Broomsedge, Lula, Pontotoc Co., Okla.
139. 9 Dec. 1958 — Little Bluestem, Goldsby, McClain Co., Okla.
140. 7 June 1959 — Little Bluestem, Dickson, Carter Co., Okla.
141. 9 Dec. 1958 — Big Bluestem, Jennings, Pawnee Co., Okla.
142. 8 Dec. 1958 — Broomsedge, Eldon, Cherokee Co., Okla.
143. 14 Jan. 1959 — Little Bluestem, Beaver City, Beaver Co., Okla.
144. 4 Dec. 1958 — Little Bluestem, Sayre, Beckham Co., Okla.
145. 15 Dec. 1958 — Little Bluestem, Boswell, Choctaw Co., Okla.
146. 11 Dec. 1958 — Little Bluestem, Red Rock, Noble Co., Okla.
147. 18 Nov. 1959 — Little Bluestem, 2 mi. N Troy, Johnston Co., Okla.
148. 9 Dec. 1958 — Dropseed, Maysville, Garvin Co., Okla.
149. 10 Dec. 1958 — Dropseed, Cedar, Nowata Co., Okla.
150. 3 Dec. 1958 — Little Bluestem, Canute, Washita Co., Okla.
151. 8 Dec. 1958 — Broomsedge, Holdenville, Hughes Co., Okla.
152. 9 Dec. 1958 — Little Bluestem, Hominy, Osage Co., Okla.
153. 8 Dec. 1958 — Broomsedge, Harris, McCurtain Co., Okla.
154. 17 Nov. 1959 — 3 mi. E Reno, Okfuskee Co., Okla.
155. 16 Nov. 1959 — Little Bluestem, 3.5 mi. S Ahloso, Pontotoc Co., Okla.
156. 7 Jan. 1959 — Broomsedge, Bryan Co., Okla.
157. 13 Jan. 1959 — Broomsedge, Kiowa Co., Okla.
158. 17 Nov. 1959 — Little Bluestem, Shamrock Creek Co., Okla.
159. 10 Dec. 1958 — Dropseed, Foyil, Rogers Co., Okla.
160. 19 Nov. 1959 — Indian Grass, 1 mi. S Okata, Muskogee Co., Okla.
161. 12 Jan. 1959 — Broomsedge, Kinta, Haskell Co., Okla.
162. 19 Nov. 1959 — Little Bluestem, 1.5 mi. N Piedmont, Canadian Co., Okla.
163. 18 Nov. 1959 — Little Bluestem, 9 mi. S Muskogee, Muskogee Co., Okla.
164. 8 Dec. 1958 — Broomsedge, 3.5 mi. N Jct Highways 100 and 82, Cherokee Co., Okla.
165. 17 Nov. 1959 — Little Bluestem, 6 mi. S Crescent, Logan Co., Okla.
166. 12 Jan. 1959 — Little Bluestem, Indianola, Pittsburg Co., Okla.
167. 11 Dec. 1958 — Broomsedge, Tushka, Atoka Co., Okla.
168. 17 Nov. 1959 — Little Bluestem, 0.2 mi. N Burneyville, Love Co., Okla.
169. 17 Nov. 1959 — Indian Grass, 3 mi. N Sallisaw, Sequoyah Co., Okla.
170. 8 Dec. 1958 — Broomsedge, Salina, Mayes Co., Okla.
171. 13 Jan. 1959 — Broomsedge, Lodi, Latimer Co., Okla.
172. 9 Dec. 1958 — Broomsedge, Kansas, Delaware Co., Okla.
173. 13 Jan. 1959 — Little Bluestem, Grady, Jefferson Co., Okla.

## ANNOTATED LIST

## Ctenizidae

*Ummidia* species. 1, 1♀.

## Amaurobiidae

*Titanoeca americana* Emerton. 53, 1; 55, 1; 145, 1; 146, 1; 147, 1.

## Dictynidae

*Dictyna bellens* Chamberlin. 25, 1; 54, 1; 55, 2; 56, 1; 57, 1. All immature or females. Previously reported from Oklahoma as *D. longispina* Barrows.

*Dictyna coloradensis* Chamberlin. 3, 1♀; 58, 1. Primarily an eastern, northern, and western species.

*Loxosceles reclusa* Gertsch and Mulaik, 3, 2♀; 55, 2♀.

All specimens of this venomous species were secured from residence halls. Doctor C. W. Wingo and his associates at the University of Missouri have essentially proven the necroticity of *L. reclusa* to human tissues (10).

## Salticidae

*Habronattus* species. 13, 1; 88, 12 immature. *Habronattus decorus* \* (Blackwell). 13, 1♀; 73, 1; 89, 1.

Members of the genus are common on foliage and on the ground (11).

*Eris* species. \* 3, 1♂ retained by Frizzell.

This yellowish form is probably *E. aurantia* (Lucas), which often lies in wait for prey in flowers.

*Pbidippus* species. 1, 1; 98, 1; 100, 2; 101, 1; all immatures.

*Pbidippus ardens* Peckham. 55, 1 retained by Frizzell.

This diagnosis was tentative pending further study. Additional specimens should be sought, since this may be a new race.

*Pbidippus audax* (Hentz). 25, 1; 66, 1; 55, 2♀; 102, 1; 103, 1.

A common species on upright structures, such as buildings, trees, etc.

*Pbidippus clarus* \* Keyserling. 13, 2; 74, 1; 80, 1; 104, 1; 105, 1.

*Pbidippus femoratus* \* Peckham. 1, 1♂ retained by Frizzell.

*Pbidippus variegatus* (Lucas) 1, 1♀; 17, 1♀. *Pbidippus MCCooki* \* Peckham. 19, 1; 25, 1; 32, 1; 35, 1; 50, 1; 85, 1; 101, 1; 108, 1; 109, 1.

*Scotinella apachea* (Gertsch). 135, 1♀ retained by Frizzell.

This is the second record for this species, originally reported in *Pbidippus* (4).

*Agassa cyanea* \* (Hentz). 2, 1♀.

*Marpissa* species. 85, 1.

*Marpissa lineata* \* (Keyserling). 44, 1.

*Marpissa undata* (DeGeer). 1, 1.

*Marpissa pikei* \* (Peckham and Peckham). 98, 1; 94, 1.

*Metacryba taeniola* (Hentz). 76, 1; 78, 2.

*Sitticus cursor* \* Barrows. 19, 1♀ retained by Frizzell.

*Icius* species. 14, 1; 56, 2♀; 85, 1.

*Icius vitis* (Cockerell). 55, 1♂ retained by Frizzell.

Previously recorded in *Metaphidippus* (7).

*Metaphidippus* species. 3, 1; 14, 1; 94, 1.

*Poeciloneilla albomaculata* \* (Peckham). 4, 1; 9, 1; 10, 1; 11, 1; 12, 1; 18, 2; 19, 1; 20, 1; 29, 1; 30, 1; 31, 1; 53, 1; 64, 1; 75, 1; 81, 1; 84, 1; 85, 1; 118, 2; 119, 1; 120, 1; 121, 1; 122, 1; 123, 1; 124, 1; 125, 1; 126, 1; 127, 2; 128, 1; 129, 1; 130, 1.

## Anyphaenidae

*Aysba gracilis* (Hentz). 1, 2; 5, 1; 7, 1; 8, 2; 9, 2; 10, 2; 11, 3; 12, 2; 13, 2; 17, 1; 18, 1; 19, 1; 20, 1.

*Anyphaena* species. 6, 1; 7, 1.

## Clubionidae

*Micaria aurata* (Hentz). 4, 1; 19, 4; 29, 1; 55, 1; 97, 1.

This brightly colored species, easily confused with a *Horpyllus*, is primarily an eastern species (12).

*Moriola decepta* \* Banks. 5, 1 immature.

*Chiracanthium inclusum* (Hentz). 39, 1; 40, 1.

*Clubiona* species. 1, 1; 12, 1; 21, 1; 33, 1; 41, 1; 42, 1; 43, 1; 44, 1; 45, 1; 46, 1; 47, 1; 48, 1; all immature.

*Clubiona adjacens* \* Gertsch and Davis. 49, 1 retained by Frizzell.

*Clubiona kiowa* \* Gertsch. 50, 1♀.

*Clubiona plumbi* \* Gertsch. 9, 1♀; 51, 1; 52, 1 retained by Frizzell; 53, 1 retained by Frizzell.

*Agroeca* species. \* 4, 1; 5, 1; both immature.

*Pbrurostimpus* species. 42, 1; 74, 1; 110, 1.

## Gnaphosidae

*Cesomia bilineata* (Hentz). 1, 1; 5, 1; 8, 1; 21, 1; 22, 1; 23, 1; 24, 2; 26, 1; 27, 1; 28, 2; 29, 1; 30, 1; 31, 1; 32, 1; 33, 1; 34, 1; 35, 1; 36, 1; 37, 1.

*Poecilochroa* (*Sergiolus*) species. 47, 1; 112, 1♀.

*Poecilochroa variegata* (Hentz). 5, 1; 27, 1; 47, 1; 112, 1; 113, 1; 114, 1; 115, 1; 116, 1; 117, 1.

*Drassyllus* species. 2, 1; 11, 2; 12, 1; 20, 1; 29, 1; 31, 1; 32, 1; 35, 1; 38, 1; 60, 1; 61, 1; 62, 1; 63, 1; 64, 1; 65, 1; 66, 1; 67, 1; 68, 1; 69, 1; 70, 1; 72, 1; 73, 2; 74, 1; 75, 1; 76, 1; 77, 1; 78, 1; 79, 1; 80, 1.

*Drassyllus mephisto* Chamberlin. 5, 1; 11, 1; 12, 1; 20, 1; 31, 1; 32, 1; 29, 1; 38, 1; 60, 2; 61, 1; 62, 1; 63, 1; 64, 2; 65, 1; 66, 1; 67, 1; 68, 1; 69, 1; 70, 1; 71, 1; 74, 1; 76, 1; 77, 1; 78, 1; 79, 3; 80, 1; 81, 2; 82, 1; 83, 1; 84, 1.

*Haplodrassus* species. 5, 1; 13, 1; 32, 1; 64, 1; 90, 1; 91, 1.

*Geodrassus* species. 20, 1; 87, 1.

*Zelotes hentzi* Barrows. 2, 1; 5, 1; 9, 2 immature, 1♀; 1, 3; 13, 2; 18, 1; 19, 1; 20, 1; 22, 1; 24, 1; 29, 2; 31, 2; 32, 1; 38, 3; 41, 1; 45, 1; 48, 2; 52, 1; 53, 1; 58, 3; 60, 1; 61, 2; 62, 1; 63, 1; 65, 1; 71, 1; 72, 1; 79, 1; 82, 2; 83, 1; 84, 1; 84, 1; 191, 1; 94, 2; 102, 1; 109, 1; 111, 2; 116, 2; 119, 1; 120, 1; 124, 1; 135, 1; 139, 1; 141, 1; 146, 1; 147, 1; 152, 1; 153, 1; 154, 1; 155, 1; 156, 1; 157, 2; 158, 1; 159, 1; 160, 1; 161, 1; 162, 1; 163, 1; 164, 1; 165, 2; 166, 1; 167, 1; 168, 1; 169, 2; 170, 1; 171, 1; 172, 1; 173, 1.

## Thomisidae

*Misumenops* species. 16, 1 immature.

*Misumenops asperatus* (Hentz). 3, 1; 1♀; retained by Frizzell.

*Coriarachus annala* \* (Cambridge). 1, 1 ♀ verified by Dr. W. Ivie.

*Xysticus* species. 13, 1; 55, 1; immature. The species of this genus are often confused with the next one below (13), but are easily distinguished by the very low clypeus and carapace and smaller overall size.

*Ebo merheli* Schick. ♀, 1; 19, 1; 85, 1; all ♀; identified by Dr. W. Ivie.

*Tiamabo* species. \* 19, 1; 81, 1; 85, 1; all ♀. This is probably *T. texanus* \* Geruch.

*Pbilodromus* species. 1, 2; 11, 1; 55, 2; 74, 1; 106, 1.

*Pbilodromus* new species (?). 1, 1 retained by Frizzell.

*Thamatus* species. 2, 1; 5, 1; 7, 1; 13, 1; 26, 1; 38, 1; 52, 1; 79, 1; 102, 1; 137, 1; 138, 1; 139, 1; 140, 1; 141, 1.

*Thamatus formicinus* (Oliver). 97, 2 ♀; retained by Frizzell.

*Tibellus duttoni* (Hentz). 5, 1; 12, 1; 20, 1; 36, 1; 41, 1; 48, 1; 55, 1; 86, 1; 138, 1; 140, 1; 143, 1; 144, 1. The genus *Tibellus* is somewhat related to *Thamatus*, with which it may be confused. In *Tibellus*, the anterior median eyes are much closer to one another than they are to the laterals, whereas in *Thamatus* the reverse is true (13).

#### Oxyopidae

*Oxyopes salticus* Hentz. 55, 2 immature. *Oxyopes apollo* Brady (14) also occurs in Oklahoma, and *O. scalaris* Hentz probably shall be located in vegetation in some of the western counties.

#### Theridiidae

*Lairodactus* species. 1, 1; 92, 1; both immature. *Steatoda (Tentama)* species. 14, 1. Levi (15, 16) and Levi and Levi (17) have thoroughly studied the genus *Steatoda*. The form here reported is probably *S. hespera* Chamberlin and Ivie.

*Steatoda fulva* (Keyserling). 1, 1 ♀; retained by Frizzell.

#### Agelenidae

*Agelenopsis* species. 3, 2 immature.

#### Lycosidae

*Pirata* species. 111, 1.

*Pardosa* species. 99, 1 immature.

*Pardosa paucilla* Moongomery. 55, 2 immature; 95, 1.

*Trochosa acoma* Chamberlin and Ivie. 148, 1 immature.

*Archisa* species. 17, 1 immature.

*Schizocosa* species. 131, 1; 132, 1; both immature. *Schizocosa bilineata* (Emerton). 41, 1; 52, 1; 133, 1; 134, 1.

#### Pisauridae

*Dolomedes tenebrosus* \* Hentz. 59, 1. Carico and Holt (18) presented an interesting study on the female genitalia of the genus.

#### Araneidae (Argiopidae)

*Meta* species. 14, 1 immature. Members of this genus mostly live in caves.

*Meta* new species. 95, 1 ♀; 96, 1 ♀. The form listed by Branson (2), yet undescribed.

*Argiopo trifasciata* (Rorokal). 16, 3 immature. An excellent study, including diagnostic keys to American species, was published by Levi (19).

*Acanthopora stellata* (Marx). 1, 1 immature.

*Eustala cepina* (Walckenaer). 1, 1 immature; 53, 1 ♀.

*Eustala emertoni* \* (Bryant). 1, 2 immature; 4 ♀.

*Neoscona* species. 16, 1; 98, 1; immature.

*Araneus* species. 14, 1; 15, 1; immature.

#### Tetragnathidae

*Leucauge vomusta* (Walckenaer). 3, 1; immature.

*Tetragnatha laboriosa* Hentz. 14, 2; 16, 2; 136, 1; all immature ♀.

#### Linyphiidae

*Frontinella communis* (Hentz). 86, 1 immature.

#### Micryphantidae

*Ceratimella* species. 38, 1 ♀.

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