

REVISION OF AND ADDITIONS TO THE LIST OF
ARANEAE (SPIDERS) OF INDIANA

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Publications of a taxonomic nature dealing with the order Araneae (Spiders) of Indiana are few in number. The principal work of this kind is that of Nathan Banks, former Custodian of the Section of Arachnida of the United States National Museum. The material for Bank's work was largely derived from the collections of W. S. Blatchley, Dr. Mel F. Cook, Professor W. K. Moenkhaus, and A. M. Banta.

Previous to the report of Banks (1906), Emerton (1875), Packard (1888) and Blatchley (1896) had published works dealing with spiders of caves. The work of Blatchley only, had to do especially with the Indiana Cave Spiders. In this work seven species, *Meta menardi*-Latr.; *Dolomedes urinator*-Htz.; *Tmeticus tridentatus*-Em.; *Nesticus carteri*-Em.; *Phanetta subterannea*-Em.; *Tegenaria cavicola*-n-sp.; and *Theridium porteri*-n-sp., were reported, the last two being described as new. All the species described in this and the other papers are included in the "Preliminary List" of Banks.

Subsequent to the work of Banks, papers on cave spiders by Banta (1907) and McIndoo (1910 and 1911) were published. The species described with the exception of *Linyphia weyeri*-Em. are also in the Banks List.

So far as I have been able to determine from the Zoological Record and the Concilium Bibliographicum no other papers listing additional species of spiders have been published.

Since the writer has collected and identified in Indiana a number of spiders not included in the paper of Banks it seemed desirable to add these to the list of known spiders. The original intention was to merely enumerate the different species. It soon became evident, however, that this would not suffice. Since the report of Banks, nearly a quarter of a century ago, our knowledge of spiders has increased greatly. Numerous morphological and biological observations which have been made have greatly aided in the understanding of the interrelations of the group. A complete synonymy of all spiders described prior to 1911 has been given us by Petrunkevitch. New genera have been added and many changes made in those already in use, with the result that many species have been changed from the genera to which they were originally assigned. All of the above and many other progressive changes have tended to make the Synoptic Table of families and genera, the arrangement of the genera, and the specific name recorded by Banks, of little value to the student of the group. In order to bring about unification and uniformity of arrangement it was deemed advisable to extend the scope of this work. The purpose of the present paper is therefore not merely to list the additional species but to incorporate

these with the previously reported ones in a system that most nearly approximates the present knowledge of the group. This has necessarily meant a rather extensive revision of the lists of known spiders.

The order of the families and genera is that given in the *Systema Araneorum* by Petrunkevitch (1928). The specific name except for those given after 1911, is that given in the *Synonymic Index-Catalogue* by the same author. In some instances the same species has been described under several names by different arachnologists. No attempt has been made to give a synonymy. The reader is referred to the *Index-Catalogue* for this. For the most part, the name given is that by which the species is best known. In some instances a spider is best known by one of the synonyms and most frequently described by American students of the group under such. Confusion likely to result from the nomenclature given is, however, compensated by advantages accruing from adherence to the rule of priority.

A total of 148 species is reported by Banks. Of these *Clubiona triloba* and *Singa hentzi* were new and were so described. One form *Tibellus duttoni*—Em., is probably a duplicate of *Tibellus oblongus*—Walck., thus leaving 147 species. Another species, *Linyphia weyeri*—Em., has since been reported from Marengo Cave, Crawford County, by McIndoo (1911). To these 148 spiders the writer adds 70 species, thus making a total of 218 known spiders for the state.

The arrangement of the families and genera as stated is that of the *Systema Araneorum*. Of the eight families comprising the sub-order Mygalomorphae only one is represented. Of the 46 families comprising the sub-order Arachnomorphae nineteen are represented. These are underscored and the number of species present is indicated. The species have been arranged alphabetically for each genus and are numbered merely for convenience. If the name given by Banks for the species is now known as a synonym it follows immediately after the specific name. The spiders reported by Banks are marked by a B, the additional species now listed by an E. The localities from which these have been reported are indicated. Spiders from Putnam County were collected by Dr. Mel Cook; from Huntingburg by Professor Moenkhaus; from Indiana caves by Banta and Blatchley; from other localities, except Nashville, Crooked Lake, Richmond and Valparaiso, by Blatchley. Spiders from these localities were collected by the writer. No mention is made of the whereabouts of the species described by Banks. These are possibly now a part of the collection of the National Museum. The additional spiders herein reported and specimens of approximately one-half the species reported by Banks are in the collection of the author at Valparaiso University.

CLASSIFICATION OF RECENT SPIDERS

(To Family Only)

Order ARANEAE

I—Sub-Order LIPHISTIOMORPHAE

1. Family *Liphistiidae*

II—Sub-Order MYGALOMORPHAE

First Branch *Nelipoda*

2. Family *Ctenizidae*
3. Family *Atypidae* 1
4. Family *Migidae*
5. Family *Dipluridae*
6. Family *Paratropididae*
7. Family *Pycnothelidae*

Second Branch *Hypodemata*

8. Family *Barychelidae*
9. Family *Theraphosidae*

III—Sub-Order ARACHNOMORPHAE

First Branch *Tetrasticta*

10. Family *Hypochilidae*
11. Family *Filistatidae*
12. Family *Dysderidae* 1
13. Family *Oonopidae*
14. Family *Hadrotarsidae*
15. Family *Telemidae*
16. Family *Caponiidae*

Second Branch *Trionycha*

17. Family *Oecobiidae*
18. Family *Urocteidae*
19. Family *Psechridae*
20. Family *Tengellidae*
21. Family *Amaurobidae* 2
22. Family *Agelenidae* 13
23. Family *Hersiliidae*
24. Family *Zodariidae*
25. Family *Palpimanidae*
26. Family *Eresidae*
27. Family *Pisauridae* 5
28. Family *Lycosidae* 22
29. Family *Oxyopidae* 1
30. Family *Senoculidae*
31. Family *Leptonetidae*
32. Family *Sicariidae* 1
33. Family *Dictynidae* 6
34. Family *Theridiidae* 18

- 35. Family Pholcidae 1
- 36. Family Linyphiidae 31
- 37. Family *Archaeidae*
- 38. Family Uloboridae 2
- 39. Family *Dinopidae*
- 40. Family Argiopidae 40
- 41. Family Mimetidae 2

Third Branch *Dionycha*

- 42. Family *Zoropsidae*
- 43. Family *Acanthoecnidae*
- 44. Family Ctenidae 1
- 45. Family Drassidae 3
- 46. Family Ammoxenidae
- 47. Family *Prodidomidae*
- 48. Family *Homalonychidae*
- 49. Family *Sparassidae*
- 50. Family *Selenopidae*
- 51. Family *Platoridae*
- 52. Family Thomisidae 23
- 53. Family *Aphantochilidae*
- 54. Family Clubionidae 17
- 55. Family Attidae 28

LIST OF THE SPIDERS OF INDIANA, WITH LOCALITIES

- 3. *Atypidae*
 - 1. *Atypus milberti*-Walck.-B. Wyandotte Cave; New Harmony (Dransfield).
- 12. *Dysderidae*
 - 2. *Ariadne bicolor*-Htz.-B. Wyandotte; Mitchell; Mecca; Crooked Lake; Richmond; Valparaiso.
- 21. *Amaurobidae*
 - 3. *Amaurobius americanus*-Em.-E. Richmond.
 - 4. *Amaurobius bennetti*-Blackwall.-B. Truetts Cave (Banta); Richmond; Crooked Lake.
- 22. *Agalenidae*
 - 5. *Agalena naevia*-Walck.-B. Tippecanoe Lake; Vincennes; North Vernon; New Albany; Clear Lake; Marion County; Greencastle; Huntingburg; Richmond; Crooked Lake; Nashville; Valparaiso.
 - 6. *Cicurina arcuata*-Keys.-B. Bass Lake; Richmond; Valparaiso.
 - 7. *Cicurina brevis*-Em.-B. Bass Lake; Richmond.
 - 8. *Cicurina pallida*-Keys.-B. Wyandotte; Bass Lake; Putnam County; Richmond.

9. *Coelotes hybridus*-Em.-E. Richmond.
10. *Coelotes longitarsus*-Em.-B. New Harmony; Richmond.
11. *Coelotes montanus*-Em.-E. Richmond.
12. *Coras medicinalis*-Htz.-B. Putnam County; Richmond.
13. *Tegenaria cavicola*-Banks.-B. Salt Peter Cave, Crawford County.
14. *Tegenaria domestica*-Clerck. (*Tegenaria derhamia*-Scop.)-B. Wyandotte; Greencastle; Twin Cave (Banta); Richmond; Crooked Lake; Valparaiso.
15. *Hahnia agilis*-Keys.-E. Richmond; Crooked Lake.
16. *Hahnia cinera*-Em.-E. Richmond; Crooked Lake.
17. *Hahnia radula*-Em.-E. Richmond.
27. *Pisauridae*
 18. *Pisaurina mira*-Walck. (*Pisaurina undata*-Banks)-B. Arlington; Bass Lake; Shoals; Culver; Greencastle; Huntingburg; Richmond; Crooked Lake; Valparaiso; Nashville.
 19. *Pisaurina subinflata*-Htz.-B. New Harmony; North Vernon.
 20. *Dolomedes tenebrosus*-Htz.-B. Wyandotte; Bass Lake; Mitchell; Medora; Cypress Swamp; Knox County; Lake Maxinkuckee; Gibson; Wilders; Greencastle; Richmond; Crooked Lake; Valparaiso; Nashville.
 21. *Dolomedes triton*-Walck. (*Dolomedes sexpunctatus*-Htz.)-B. Tippecanoe Lake; Greencastle.
 22. *Dolomedes urinator*-Htz.-B. Mitchell; Donaldson's Cave (Blatchley).
28. *Lycosidae*
 23. *Allocosa funerea*-Htz.-B. Knox County; Richmond.
 24. *Arctosa cinerea*-Fabricus. (*Trochosa cinera*-Fab.)-B. Hammond; Grand Chain; Pine; Greencastle.
 25. *Geolycosa fatifera*-Htz. (*Lycosa fatifera*-Htz.)-B. Wyandotte; Bass Lake; New Harmony; Culver; Marion County.
 26. *Lycosa avara*-Keys.-B. North Vernon.
 27. *Lycosa avida*-Walck. (*Lycosa erratica*-Htz.)-B. Hammond; Richmond.
 28. *Lycosa caroliensis*-Walck.-B. Wyandotte; North Vernon; La-Porte County.
 29. *Lycosa frondicola*-Em.-B. Mitchell; North Vernon; New Albany; Huntingburg.
 30. *Lycosa gulosa*-Walck. (*Lycosa kochii*-Em.)-B. Tippecanoe Lake; Wyandotte; Bass Lake; Grand Chain; Medora; Richmond.
 31. *Lycosa helluo*-Walck.-B. Tippecanoe Lake; Arlington; Bass Lake; Mitchell; Grand Chain; Medora; Mecca; Jeffersonville; Marion County; Huntingburg.
 32. *Lycosa pratense*-Em.B. Vincennes; Wyandotte; Bass Lake; Medora; Pine.
 33. *Lycosa punctulata*-Htz.-B. North Vernon; Greencastle.
 34. *Lycosa rabida*-Walck. (*Lycosa scutulata*-Htz.)-B. Mitchell; Greencastle; Huntingburg; Richmond.
 35. *Pirata febriculosus*-Becker.-E. Richmond.

36. *Pirata insularis*-Em.-B. Hammond; Valparaiso.
 37. *Pirata minutus*-Em.-E. Richmond.
 38. *Pirata marxia*-Stone. (*Pirata piratica*-Clerck)-B. Clear Lake; Knox County; Richmond.
 39. *Schizocosa bilineata*-Em.-E. Richmond; Valparaiso.
 40. *Schizocosa crassipes*-Walck. (*Lycosa ocreata*-Htz.-B. Tippecanoe Lake; Mitchell; Vawter Park; LaPorte County; Valparaiso.
 41. *Schizocosa saltatrix*-Htz. (*Lycosa gracilis*-Banks)-B. Wyandotte.
 42. *Pardosa flavipalpis*-F. Cambridge. (*Pardosa flavipes*-Keys)-B. Bass Lake; Jeffersonville; Huntingburg.
 43. *Pardosa lepidicina*-Em.-B. Kosciusko County.
 44. *Pardosa milvina*-Htz.-E. Richmond.
29. *Oxyopidae*
45. *Oxyopsis salticus*-Htz.-E. Richmond.
32. *Sicariidae*
46. *Scytodes thoracica*-Latr.-E. Richmond.
33. *Dictynidae*
47. *Dictyna foliacea*-Htz.-E. Richmond; Crooked Lake; Valparaiso.
 48. *Dictyna frondea*-Em.-B. Hammond; Arlington; Marshall County.
 49. *Dictyna minuta*-Em.-E. Richmond; Crooked Lake; Valparaiso.
 50. *Dictyna sublata*-Htz.-B. Tippecanoe Lake; Grand Chain; Vawter Park; Richmond; Crooked Lake; Valparaiso.
 51. *Lathys foxii*-Marx.-E. Richmond.
 52. *Lathys pallida*-Em.-E. Richmond.
34. *Theridiidae*
53. *Asagena americana*-Em.-B. Wyandotte; Richmond.
 54. *Pedanostethus riparius*-Keys.-B. Knox County; Richmond.
 55. *Pedanostethus primulus*-Em.-E. Richmond.
 56. *Crustulina guttata*-Wider.-E. Richmond; Crooked Lake; Valparaiso.
 57. *Steatoda borealis*-Htz.-B. Greencastle; Richmond; Valparaiso.
 58. *Latrodectus mactans*-Fab.-B. Wyandotte; North Vernon; Shoals; New Albany; Greencastle; Huntingburg.
 59. *Argyrodes tigrorum*-Htz.-B. Twin Cave (Banta).
 60. *Euryopsis funebris*-Htz.-B. New Harmony; Richmond.
 61. *Theridion differens*-Em.-B. Arlington; Bass Lake; Richmond; Crooked Lake; Valparaiso; Nashville.
 62. *Theridion frondeum*-Htz.-B. Vincennes; Grand Chain; Richmond; Crooked Lake; Valparaiso.
 63. *Theridion kentuckyense*-Keys.-B. Mayfield's Cave; Twin Cave (Banta).
 64. *Theridion murarum*-Em.-B. Hammond; Arlington.
 65. *Theridion pennsylvanicus*-Em.-E. Richmond; Crooked Lake.
 66. *Theridion porteri*-Banks.-B. Porter and Truetts Caves; Mayfield's Cave; Monroe County (McIndoo).
 67. *Theridion spirale*-Em.-B. Pine, Lake County.

68. *Theridion tepidariorum*-C. Koch.-B. Kosciusko County; Greencastle; Richmond; Valparaiso.
69. *Theridula opulenta*-Walck.-E. Richmond.
70. *Nesticus carteri*-Em.-B. Bradford Cave (Emerton 1875); Marengo Cave (Banta); Porter, Coon, and Marengo Caves (Blatchley, 1896).
35. *Pholcidae*
71. *Pholcus phalangioides*-Fuesslin.-E. Richmond; Crooked Lake.
36. *Linyphiidae*
72. *Bathyphantes canadensis*-Em.-E. Richmond.
73. *Bathyphantes micaria*-Em.-E. Richmond.
74. *Bathyphantes nigrinus*-Westring.-E. Richmond.
75. *Bathyphantes unimaculatus*-Banks.-E. Valparaiso.
76. *Bathyphantes Zebra*-Em.-E. Richmond.
77. *Linyphia clathrata*-Sundervall.-E. Richmond.
78. *Linyphia conferta*-Htz.-E. Richmond; Crooked Lake; Valparaiso.
79. *Linyphia lineata*-Linnaeus. (*Bolyphantes lineata*-Keys)-B. Greencastle; Richmond.
80. *Linyphia marginata*-C. Koch.-B. Arlington; Wyandotte; Greencastle; Richmond; Crooked Lake; Valparaiso.
81. *Linyphia phrygiana*-C. Koch.-B. Culver; Richmond; Crooked Lake; Nashville.
82. *Linyphia pusilla*-Sundervall.-E. Richmond.
83. *Linyphia weyeri*-Em.-McIndoo (1911). Marengo Cave, Crawford County.
84. *Microneta cornupalpis*-Camb.-E. Richmond.
85. *Troglophantes cavernicolus*-Keys. (*Willibaldi cavernicola*-Keys)-B. Donnelsons Cave (Banta); Mayfield's Cave, Monroe County; Hamer's Cave; Shawnee, Lawrence County (McIndoo).
86. *Ceraticelus emertoni*-Camb.-E. Richmond.
87. *Ceraticelus minuta*-Em.-E. Richmond; Crooked Lake; Valparaiso.
88. *Ceratinella brunnea*-Em.-E. Richmond; Crooked Lake; Valparaiso.
89. *Gongyliidiellum pallidum*-Em.-E. Richmond; Crooked Lake.
90. *Oedothorax bidentatus*-Em. (*gonglydium tridentatus*-Em.)-B. Porter Cave, Owen County (Blatchley).
91. *Oedothorax montiferus*-Em.-E. Richmond.
92. *Oedothorax platyrhinus*-Crosby.-E. Richmond.
93. *Oedothorax probatus*-Cambridge.-E. Richmond; Crooked Lake; Valparaiso.
94. *Prosotheca minuta*-Em.-E. Richmond.
95. *Tmeticus aestivalis*-Em.-E. Richmond; Crooked Lake; Valparaiso.
96. *Ceratinopsis interpres*-Cambridge.-E. Richmond; Crooked Lake; Valparaiso; Nashville.
97. *Diplocephalus exiguus*-Banks.-E. Richmond.

98. *Erigone infernalis*-Keys.-B. Twin Cave (Banta); Mayfield's Cave, Monroe County (McIndoo).
 99. *Erigone longipalpis*-Sundervall.-B. Arlington.
 100. *Grammonota inornata*-Em.-E. Richmond.
 101. *Phanetta subterranea*-Em.-B. Wyandotte Cave (Blatchley); Truetts Cave (Banta); Marengo Cave and Salt Peter Cave, Crawford County (McIndoo).
 102. *Trachelocamptus rostratus*-Em.-E. Richmond; Crooked Lake.
38. *Uloboridae*
103. *Uloborus americana*-Walck.-E. Richmond; Crooked Lake; Valparaiso.
 104. *Hyptiotes cavaticus*-Htz.-E. Richmond; Crooked Lake.
40. *Argiopidae*
105. *Argiope aurantia*-Lucas.-B. Maxinkuckee; Greencastle; Richmond; Crooked Lake; Valparaiso; Nashville.
 106. *Argiope trifasciata*-Forskal. (*Argiope transversa*-Em.)-B. Richmond; Valparaiso; Nashville.
 107. *Acacesia foliata*-Htz.-B. Grand Chain; Greencastle; Richmond.
 108. *Araneus angulatus*-Clerck. (*Epeira angulata*-Clerck)-B. Greencastle; Richmond.
 109. *Araneus arabesca*-Walck. (*Epeira trivittata*-Keys.)-B. Tippecanoe Lake; Hammond; Vincennes; Arlington; Wyandotte; Bass Lake; Culver; Wilders; Greencastle; Richmond; Crooked Lake; Valparaiso.
 110. *Araneus arenatus*-Walck. (*Epeira venusta*-Htz.)-B. Vincennes; Wyandotte; Montezuma; Knox; Greencastle; Richmond; Crooked Lake.
 111. *Araneus benjaminus*-Walck. (*Epeira domicilorum*-Htz.)-B. Grand Chain; Greencastle; Huntingburg.
 112. *Araneus cavaticus*-Keys.-E. Richmond.
 113. *Araneus cornutus*-Clerck. (*Epeira strix*-Htz.-B. Tippecanoe Lake; Vincennes; Arlington; Grand Chain; Vawter Park; Culver, Knox; Jeffersonville; Greencastle; Richmond.
 114. *Araneus cucurbitinus*-Clerck. (*Epeira displicata*-Htz.)-B. Tippecanoe Lake; Grand Chain; Attica; Shoals; Vawter Park.
 115. *Araneus ectypus*-Walck. (*Epeira infumata*-Htz.)-B. Grand Chain; Richmond.
 116. *Araneus hentzi*-Banks. (*Singa hentzi*-Banks)-B. Cannelton.
 117. *Araneus labyrinthus*-Htz. (*Epeira labyrinthea*-Htz.)-B. Greencastle.
 118. *Araneus marmoreus*-Clerck. (*Epeira insularis*-Htz.)-B. Vincennes; Mitchell; Montezuma; Marion County; Greencastle; Richmond; Crooked Lake; Valparaiso; Nashville.
 119. *Araneus nigripes*-Keys. (*Singa nigripes*-Keys)-B. Grand Chain.
 120. *Araneus pegnia*-Walck. (*Epeira globosa*-Keys)-B. Greencastle.
 121. *Araneus sericatus*-Clerck. (*Epeira scolopetaria*-Htz.)-B. Greencastle.

122. *Araneus stellatus*-Walck. (*Plectana stellata*-Htz.)-B. Vincennes; Bass Lake; Grand Chain; North Vernon; Greencastle.
123. *Araneus thaddeus*-Htz. (*Epeira thaddeus*-Htz.)-B. Greencastle.
124. *Araneus trifolium*-Htz. (*Epeira trifolium*-Htz.)-B. Culver; Greencastle; Crooked Lake; Richmond; Valparaiso.
125. *Araneus varians*-nom. nov. (*Singa variabilis*-Em.)-B. Tippecanoe Lake.
126. *Cyclosa turbinata*-Walck. (*Cyclosa caudata*-Htz.)-B. Greencastle.
127. *Eustala anastera*-Walck. (*Epeira prompta*-Htz.)-B. Richmond; Valparaiso.
128. *Mangora gibberosa*-Htz.-E. Richmond; Valparaiso; Nashville.
129. *Mangora placida*-Htz.-B. Wyandotte; New Harmony.
130. *Glyptocranium bisaccatum*-Em.-E. Richmond.
131. *Glyptocranium cornigerum*-Htz. (*Ordgarius cornigerum*-Htz.)-B. Greencastle.
132. *Meta menardi*-Latr.-B. Mitchell; Greencastle; Strong Cave; Twin Cave (Banta); Mayfields, Strong, Donaldson's, Clifty, Wyandotte, and Salt Peter Caves (Blatchley).
133. *Nephila clavipes*-Linnaeus.-E. Richmond.
134. *Leucange Venusta*-Walck. (*Leucange hortorum*-Htz.)-B. Arlington; Grand Chain; New Castle; Richmond; Crooked Lake; Valparaiso.
135. *Pachygnatha tristriata*-C. Koch.-B. New Harmony; Richmond.
136. *Pachygnatha xanthostoma*-C. Koch.-E. Richmond.
137. *Tetragnatha elongator*-Walck. (*Tetragnatha grallator*-Htz.)-B. Tippecanoe Lake; Arlington; Kosciusko County; Huntingburg; Richmond; Crooked Lake; Valparaiso.
138. *Tetragnatha extensa*-Linnaeus.-B. Tippecanoe Lake; Vincennes; Grand Chain; Culver; Knox County.
139. *Tetragnatha laboriosa*-Htz.-B. Tippecanoe Lake; Hammond; Arlington; Wyandotte; Mitchell; Grand Chain; Attica; Vawter; Pine; Wilders; Greencastle; Richmond; Crooked Lake; Nashville.
140. *Eugnatha straminea*-Emerton.-B. Tippecanoe Lake.
141. *Theridiosoma gemmosum*-L. Koch. (Cambr.)-B. Mayfield's Cave (Banta).
142. *Micrathena gracilis*-Walck. (*Arcosoma rugosa*-Htz.)-B. Wyandotte; Greencastle Richmond; Valparaiso.
143. *Micrathena reduriana*-Walck. (*Acrosoma mitrata*-Htz.)-B.
144. *Micrathena sagittata*-Walck. (*Acrosoma spinea*-Htz.)-B. Vincennes; Wyandotte; Mitchell; Greencastle; Richmond; Valparaiso.

41. *Mimetidae*

145. *Ero furcatus*-Villers.-E. Richmond.
146. *Mimetus intersector*-Htz.-B. Shoals.

44. *Ctenidae*

147. *Anihita punctulata*-Htz. (*Ctenus punctulata*-Htz.)-B. Wyandotte.

45. *Drassidae*

148. *Herpyllus vasifer*-Walck. (*Herpyllus ecclesiasticus*-Htz.)-B. Greencastle; Richmond; Valparaiso.

149. *Sergiolas variegatus*-Htz.-B. Tippecanoe Lake; Richmond; Valparaiso.

150. *Zelotes ater*-Htz. (*Zeloter atra*-Htz.)-B. Wyandotte; Richmond; Crooked Lake; Valparaiso.

52. *Thomisidae*

151. *Philodromus aurcolus*-Clerck.-B. Hammond; Vincennes; Knox.

152. *Philodromus minutus*-Banks.-E. Richmond.

153. *Philodromus ornatus*-Banks.-B. Arlington; Wilders.

154. *Philodromus pernix*-Blackwall. (*Philodromus vulgarus*-Htz.)-B. Tippecanoe Lake; Bass Lake; Grand Chain; Pine; Knox County; Greencastle; Richmond.

155. *Philodromus placidus*-Banks.-B. Vincennes; Arlington; Grand Chain; Pine; Culver.

156. *Philodromus rufus*-Walck.-B. Tippecanoe Lake; Arlington.

157. *Tibellus oblongus*-Walck.-B. Pine; Kosciusko County; Wilders; Greencastle; Richmond; Valparaiso; Nashville.

158. *Misumenoides aleatorius*-Htz. (*Runcinia aleatorius*-Htz.)-B. Lake James; Hammond; Grand Chain; Greencastle.

159. *Misumenops americana*-Keys. (*Misumena americana*-Keys)-B. Bass Lake; Grand Chain; Attica; Culver; Knox County; Greencastle; Valparaiso.

160. *Misumenops asperatus*-Htz. (*Misumessus asperatus*-Htz.)-B. Wyandotte; New Harmony; Pine; Huntingburg; Richmond; Valparaiso.

161. *Misumenops oblongus*-Keys. (*Misumessus oblongus*-Keys)-B. Veedersburg; Wawter Park; Greencastle; Richmond; Crooked Lake; Valparaiso.

162. *Oxyptila conspurcata*-Thorell.-B. Cypress Swamp; Pine; Knox County.

163. *Oxyptila monroensis*-Keys.-E. Richmond.

164. *Synaema parvulum*-Keys. (Hentz)-B. Arlington; Grand Chain; Veedersburg; Culver.

165. *Tmarus angulatus*-Walck.-E. Richmond; Crooked Lake.

166. *Xysticus ferox*-Htz. (*Xysticus stomachosus*-Keys.)-B. Vincennes; Arlington; Wyandotte; Bass Lake; Culver; Greencastle; Richmond; Valparaiso.

167. *Xysticus fraternis*-Banks.-E. Richmond; Crooked Lake; Valparaiso.

168. *Xysticus gulosa*-Keys.-B. Wilders.

169. *Xysticus luctans*-C. Koch. (*Xysticus quadrilincatus*-C. Koch)-B. Kosciusko County.

170. *Xysticus nervosus*-Banks.-B. Tippecanoe Lake; Greencastle; Richmond; Valparaiso.

171. *Xysticus transversus*-Banks.-B. New Harmony.

172. *Xysticus triguttatus*-Keys.-B. Hammond; Richmond; Valparaiso.

173. *Xysticus versicolor*-Keys. (*Coriariachne versicolor*-Keys.)-B. Wyandotte; Grand Chain; Mecca; New Albany; Greencastle.

54. *Clubionidae*

174. *Chiracanthium inclusum*-Htz.-B. Vincennes.

175. *Clubioba abbotii*-L. Koch.-B. Arlington.

176. *Clubiona obesa*-Htz.-E. Richmond; Valparaiso.

177. *Clubiona pallens*-Htz.-E. Richmond; Valparaiso.

178. *Clubiona triloba*-Banks.-B. Wyandotte.

179. *Anyphaena gracilis*-Htz.-B. Hammond; Veedersburg.

180. *Anyphaena pectorosa*-L. Koch.-E. Richmond.

181. *Anyphaena saltabunda*-Htz.-E. Richmond; Valparaiso; Nashville.

182. *Agroeca minuta*-Banks.-E. Richmond; Crooked Lake.

183. *Agroeca pratensis*-Em.-B. Arlington.

184. *Phrurolithus alarius*-Htz.-B. Grand Chain; Crooked Lake; Richmond.

185. *Phrurolithus palustris*-Banks.-E. Richmond; Crooked Lake.

186. *Phrurolithus similis*-Banks.-E. Richmond.

187. *Trachelas tranquillus*-Htz.-B. Tippecanoe Lake; Greencastle; Huntingburg; Richmond; Valparaiso.

188. *Castaneira cingulata*-C. Koch.-E. Richmond; Crooked Lake; Valparaiso.

189. *Castaneira descripta*-Htz.-B. Greencastle.

190. *Castaneira longipalpis*-Htz.-B. Tippecanoe Lake; Knox County; Richmond.

55. *Attidae*

191. *Synemosyna formica*-Htz.-B. Arlington; Culver; Richmond.

192. *Thiodina sylvana*-Htz. (*Thiodina retarius*-Htz.)-B. Wyandotte; Grand Chain; Huntingburg.

193. *Maevia vittata*-Htz.-B. Arlington; New Albany; Richmond; Crooked Lake; Valparaiso; Nashville.

194. *Zygoballus bettini*-Peckham.-B. Knox County.

195. *Habrocestum pulex*-Htz.-B. Wyandotte; Richmond; Valparaiso.

196. *Pellenes roseus*-Htz.-E. Crooked Lake; Valparaiso.

197. *Pellenes borealis*-Banks.-E. Crooked Lake.

198. *Phlegra fasciata*-Hahn. (*Phlegra leopardus*-Htz.-B. New Harmony.

199. *Tutelina elegans*-Htz.-B. Hammond; Arlington; Bass Lake; Shoals; Culver; Knox County.

200. *Agassa cyanea*-Htz. (*Homolattus cyanea*-Htz.)-B. Hammond.

201. *Dendryphantes* (*Phidippus*) *audax*-Htz. (*Phidippus audax*-Htz.)-B. Arlington; Bass Lake; New Harmony; Grand Chain; Attica; North Vernon; Culver; Greencastle; Huntingburg; Richmond; Crooked Lake; Valparaiso.

202. *Dendryphantes* (*Paraphidippus*) *aurantius*-Lucas. (*Phidippus multicolor*-Htz.)-B. Vincennes; Wyandotte; Grand Chain; Shoals; Greencastle.

203. *Dendryphantes* (*Metaphidippus*) *capitatus*-Htz. (*Dendryphantes octavius*-Htz.)-B. Hammond; Arlington; Wyandotte; Bass Lake; Grand Chain; Attica; Shoals; Veedersburg; Vawter Park; Pine; New Albany; Culver; Crooked Lake; Valparaiso; Richmond; Nashville.

204. *Dendryphantes* (*Phidippus*) *clarus*-Keys.-E. Richmond; Nashville.

205. *Dendryphantes* (*Phidippus*) *cardinalis*-Htz. (*Phidippus cardinalis*-Htz.)-B. North Vernon.

206. *Dendryphantes* (*Phidippus*) *formosus*-Peckham. (*Philaeus rimator*-Peckham)-B. Greencastle.

207. *Dendryphantes* (*Phidippus*) *insignarius*-C. Koch.-B. Hammond; Arlington.

208. *Dendryphantes* (*Paraphidippus*) *marginatus*-Walck. (*Dendryphantes militaris*-Htz.)-B. Wyandotte; Mitchell.

209. *Dendryphantes* (*Phidippus*) *putnami*-Peckham. (*Phidippus putnami*-Peckham)-B. Knox County; Grand Chain.

210. *Dendryphantes rarus*-Htz.-B. Greencastle.

211. *Dendryphantes* (*Phidippus*) *whitmanni*-Peckham. (*Dendryphantes rufus*-Htz.-B. Vincennes; Wyandotte; Bass Lake; Grand Chain; Wilders; Huntingburg.

212. *Icius hartii*-Em.-E. Richmond; Nashville.

213. *Neon nelli*-Peckham.-E. Richmond; Crooked Lake; Valparaiso; Nashville.

214. *Hyetia pikei*-Peckham.-E. Richmond.

215. *Marpissa undata*-DeGeer.-B. Greencastle; Huntingburg.

216. *Wala mitrata*-Htz.-B. Arlington; Grand Chain; Shoals; Veedersburg; Vawter Park.

217. *Wala palmarum*-Htz.-B. Hammond; Arlington; Pine.

218. *Salticus scenicus*-Clerck.-E. Richmond.

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