

A PRELIMINARY LIST OF SALTICIDS OF THE GREAT LAKES STATES. Robert J. Wolff

In order to study the ecology, taxonomy and biology of jumping spiders it is important to understand the local fauna. This preliminary list was prepared as the first step in such studies. The following list is compiled from the literature. Additional records from personal and museum collections will follow as part of another publication that is in preparation. The currently accepted names are given, along with the synonyms used in the published lists and works of other arachnologists concerned with the Midwestern fauna. The distribution by state, and the source of the record is given following the species name. The key to the sources is given at the end of the list. Based upon the literature and unreported species that should be found, it appears that 84 species of jumping spiders occur in the Great Lakes Region.

Admestina tibialis (C. L. Koch, 1848): IL-10,14; IN-14; MI-3. MN-9; WI-6

Agassa cyanea (Hentz, 1846): IL-10

Ballus youngii Peckham & Peckham, 1889: IL-12; WI-6

Bianor aemulus (Gertsch, 1934): WI-6.
Sassacus a.: Levi & Field, 1954

Eris aurantia (Lucas, 1833): IL-10.
Paraphidippus aurantius: Kaston, 1955

Eris flava (Peckham & Peckham, 1888): IL-10
Paraphidippus flavus: Kaston, 1955

Eris floridana (Banks, 1904): OH-11

Eris marginata (Walckenaer, 1837): IL-10,14; IN-14; MI-3,13,14; MN-9; WI-6
Paraphidippus marginatus: Chickering, 1944; Kaston, 1955; Levi & Field, 1954; Drew, 1967; Lowrie, 1948

Evarcha hoyi (Peckham & Peckham, 1883):- IL-10, IN-14; MI-3,13; WI-6,8
Pellenes h.: Cutler, 1977

Euophrys monadnock Emerton, 1891: MN-9; WI-7

Habrocestum parvulum (Banks, 1895): IL-10; WI-7

Habrocestum pulex (Hentz, 1846): IL-10,14; IN-14; MI-3,13,14; MN 9; WI-6,8

Habronattus agilis (Banks, 1893): IL-10,14; IN-14; MI-3,13,14; MN-9
Pellenes a.: Cutler, 1977; Lowrie, 1948

Habronattus americanus (Keyserling, 1884): MN-9
Pellenes a.: Cutler, 1977

Habronattus arizonensis (Banks, 1904): IL-10,14; IN-14 *Pellenes a.*: Lowrie, 1948

Habronattus borealis (Banks, 1895): IL-10,14; IN-14; MI-3,13; WI-6

Habronattus calcaratus (Banks, 1904): IL-10,14; IN-14; MI-3?,13
H. peregrinus: Chickering, 1944
Pellenes c.: Lowrie, 1948

Habronattus captiosus (Gertsch, 1934): MN-9; WI-4 *Pellenes c.*: Cutler, 1977; Richman & Cutler 1978

Habronattus decorus (Blackwall, 1846): IL-12, MI-3, MN-9; WI-6,7,8
Pellenes d.: Cutler, 1977

Habronattus rutherfordi (Gertsch & Mulaik, 1936): MN-9 *Pellenes r.*: Cutler, 1977

Habronattus viridipes (Hentz, 1846): IL-10; IN-14; MI-3?: MN-9

H. peregrinus: Chickering, 1944

Pellenes v.: Cutler, 1977; Lowrie, 1943

Hasarius adansonii (Audouin, 1827): IL-10,14; IN-14; WI-6

Sidusa borealis: Lowrie, 1948

Hentzia mitrata (Hentz, 1846): IL-10; IN-14; MI-3,14; MN-9; WI-6

Hentzia palmarum (Hentz, 1832): IL-10; IN-14; MI-3; MN-9; WI-6

H. ambigua: Kaston, 1955; Levi & Field, 1954

Maevia inclemens (Walckenaer, 1837): IL-2,10,14; IN-2,14; MI-2,3; MN-9; WI-2,6

M. vittata: Chickering, 1944; Kaston, 1955; Lowrie, 1948

Marpissa formosa (Banks, 1892): IL-2,10; IN-2; MI-2,3; MN-9; WI-6

Hyctia bina: Chickering, 1944; Kaston, 1955; Levi & Field, 1954

Marpissa grata (Gertsch, 1936): IL-10; MI-2; MN-2,9

Hyctia g.: Kaston, 1955

Eris aurantia (Lucas, 1833): IL-10.

Paraphidippus aurantius: Kaston, 1955

Eris flava (Peckham & Peckham, 1888): IL-10

Paraphidippus flavus: Kaston, 1955

Eris floridana (Banks, 1904): OH-11

Eris marginata (Walckenaer, 1837): IL-10,14; IN-14; MI-3,13,14; MN-9; WI-6

Paraphidippus marginatus: Chickering, 1944; Kaston, 1955; Levi & Field, 1954; Drew, 1967; Lowrie, 1948

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Marpissa lineata (C. L. Koch, 1848): IL-2,10; MI-2,3; MN-9; WI-6,8

Fuentes l.: Chickering, 1944

Onondaga l.: Kaston, 1955; Levi & Field, 1954; Riechert & Reeder, 1971

Marpissa pikei (Peckham & Peckham, 1888): IL-10,14; MI-2; MN-9; WI-2,6

Hyctia p.: Kaston, 1955; Levi & Field, 1954; Lowrie, 1948

Menemerus bivittatus (Dufour, 1831): MN-9

Metacyrba taeniola (Hentz, 1845): WI-6

Metaphidippus arizonensis (Peckham & Peckham 1901): MN-9

M. glacialis: Cutler, 1977

Metaphidippus barrowsi Kaston, 1973: OH-11

Metaphidippus canadensis (Banks, 1897): IL-10; MI-3; MN-9; WI-6

Metaphidippus exiguus (Banks, 1892): MN-9; OH-11

Metaphidippus flavipedes (Peckham & Peckham, 1888): IL-10; MI-3,13; MN-9; WI-6

Metaphidippus galathea (Walckenaer, 1837): IL-10,14; IN-14; MI-3,14

M. capitatus: Chickering, 1944

Metaphidippus insignis (Banks, 1892): IL-10,11; MI-3; MN-9; WI-6

M. montanus: Chickering, 1944

Metaphidippus montanus (Emerton, 1891): IL-11

Metaphidippus peckhamorum Kaston, 1973: IN-II; OH-11

Metaphidippus protervus (Walckenaer, 1837): IL-10,14; IN-14; MI-13,14; MN-9; WI-6,8

Neon nellii Peckham & Peckham 1889: IL-10; MI-3,13; MN-9, WI-6

Neon plutonus Gertsch & Ivie, 1955: MN-4

Paradamoetas fontanus (Levi, 1951): MN-9; WI-5,6
Icius f.: Levi & Field, 1954; Cutler, 1977

Peckhamia picata (Hentz, 1846): MI-3; M~-9; WI-6

Peckhamia scorpionia (Hentz, 1846): IL-14, MI-3

Pellenes wrighti Lowrie & Gertsch, 1955: IL-4; IN-4; MI-4; MN-9

Phidippus apacheanus Chamberlin & Gertsch, 1929: W-9; WI-6,7

Phidippus audax (Hentz, 1845): IL-10,14; IN-14; MI-3,14; MN-9; WI-6

Phidippus borealis Banks, 1895: MI-3; MN-9; WI-6
P. altanus: Chickering, 1944; Levi & Field, 1954

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Phidippus cardinalis (Hentz, 1845): IL-10,12,14; IN-14
P. mccoeki: Kaston, 1955; Lowrie, 1948

Phidippus clarus Keyserling, 1884: IL-10,14; IN-14, MI-3,13; MN-9; WI-6,8
P. rimator: Kaston, 1955, Levi & Field, 1954, Cutler, 1977

Phidippus insignarius C. L. Koch, 1846: IL-10,14; IN-14; MI-3; MN-9
P. fraudulentus: Kaston, 1955

Phidippus mystaceus (Hentz, 1846): IL-10

Phidippus pius Scheffer 1906: IL-12; MI-3; MN-9

Phidippus princeps (Peckham & Peckham, 1883): IL-10,14; IN-14; MI-3, WI-6
P. brunneus: Chickering, 1944; Lowrie, 1948

Phidippus purpuratus Keyserling, 1884: MI-3,13; MN-9; WI-6

Phidippus putnami (Peckham & Peckham, 1883): IL-12

Phidippus regius C. L. Koch, 1846: MN-9

Phidippus whitmani Peckham & Peckham, 1909. IL-10,14; MI-3; MN-9; WI-6,7

Phlegra fasciata (Hahn, 1826): IL-12; MI-3; MN-9; WI-6,7

Platycryptus undatus (DeGeer, 1778): IL-2,10, IN-2,14; MI-2,3,13; MN-2,9; WI-2,6
Marpissa undata: Chickering, 1944; Kaston, 1955; Levi & Field, 1954; Lowrie, 1948
Metacryba undata: Barnes, 1958; Cutler, 1977; Drew, 1967

Salticus scenicus (Clerck, 1757): IL-10; MI-3,13; MN-9; WI-6

Sassacus papenhoei Peckham & Peckham, 1895: IL-12; MN-9; WI-6

Sitticus cursor Barrows, 1919: IL-10, WI-6,8
S. floridanus: Riechert & Reeder, 1971

Sitticus fasciger (Simon, 1880): IL-12; MN-9

Sitticus finschi (L. Koch, 1879): MN-9

Sitticus palustris (Peckham & Peckham, 1883): IL-10,14; IN-14; MI-3,13; MN-9, WI-6

S. cutleri: Cutler, 1977

Sitticus striatus Emerton, 1911: MN-9, WI-6

Synageles noxiosa (Hentz, 1850): IL-10: WI-6

Gertschia n.: Levi & Field, 1954; Kaston, 1955

Synageles n.sp.: WI-8

(may include some *S. noxiosa* records cited above; Cutler, pers. Comm.)

Gertschia dakodensis: Riechert & Reeder, 1971

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Synemosyna formica Hentz, 1850: IL-10; MI-3; MN-9; WI-6

S. lunata: Levi & Field, 1954; Kaston, 1955

Talavera minuta (Banks, 1895): IL-10, IN-14; MN-9; WI-8

Thiodina puerpera (Hertz, 1846): IL-10; MN-9

T. inornata: Kaston, 1955

Thiodina sylvana (Hentz, 1846): IL-10

T. iniquies Kaston, 1955

Tutelina elegans (Hentz, 1846): IL-10,14; IN-14; MI-3,13; MN-9; WI-6,7

Icius e.: Levi & Field, 1954; Drew, 1967, Lowrie, 1948; Cutler, 1977

Tutelina formicaria (Emerton, 1891): IL-10; MI-3; MN-9

Icius formicarius: Kaston, 1955; Levi & Field, 1954; Cutler, 1977

Tutelina harti (Emerton, 1891): IL-10,14; IN-14; MI-3; WI-6

Icius hartii: Kaston, 1955; Levi & Field, 1954; Lowrie, 1948; Cutler, 1977

Tutelina similis (Banks, 1895): IL-10,14; MI-3,13,14; MN-9; WI-6,7

Icius s.: Levi & Field, 1954; Drew, 1967; Lowrie, 1948; Cutler, 1977

Zygoballus nervosus (Peckham & Peckham, 1883): IL-10,14; IN-14; MI-3; MN-9; WI-6,7

Zygoballus rufipes Peckham & Peckham, 1885: IL-10,14; IN-14; MI-3; MN-9; WI-6,7

Z. bettini: Chickering, 1944, and all other records

Zygoballus sexpunctatus (Hentz, 1845): IL-12

SOURCES

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11. _____. 1973. Four new species of *Metaphidippus*, with notes on related jumping spiders (Araneae: Salticidae) from the Eastern and Central United States. Trans. Amer. Micros. Soc. 92: 106-122.
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