

ADDITIONS TO THE LIST OF OHIO SPIDERS. I.

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The list of Spiders which follow is an addition to the list which was published in the Ohio Journal of Science, Vol XVIII, No. 8 in June 1918. It includes the nine new species described in the Ohio Journal of Science, Vol. XIX, No. 6, in April, 1919, as well as those already named, which have been found during the interval between June 1918 and June 1924.

DRASSIDÆ.

Drassylus frigidus (Banks).

♂ ♀ Rockbridge, Ohio, Sept. 30, 1917.

Drassylus rufulus (Banks).

♂ Rockbridge, Ohio, Oct. 4, 1914.

Haplodrassus signifer (C. Koch).

♀ Columbus, Ohio, May 25, 1918.

Litophyllus luteus (Barrows).

♀ Sugar Grove, Ohio, Oct. 26, 1918.

Pæcilochroa montana Emerton.

Put-in-Bay, Ohio, July 12, 1920.

Running in grass on lawn near State Fish Hatchery.

Sergiolus variegata (Hentz).

♂ Cedar Point, Ohio.

CLUBIONIDÆ.

Agræca pratensis Emerton.

♀ Columbus, Ohio, Nov. 7, 1917.

Anyphæna saltabunda Hentz.

♂ ♀ Rockbridge, Ohio, June 3, 1922.

Taken while sweeping above cliffs in Andropogon prairie.

Cælotes hybridus Emerton.

♂ Rockbridge, Ohio, Sept. 30, 1917.

AGELENIDÆ.

Cybæus silicis Barrows.

♂ ♀ Bainbridge, Ohio, Aug. 17, 1917.

DICTYNIDÆ.

Amaurobius ferox Emerton.

♂ Columbus, Ohio, April 28, 1919.

Dictyna bicornis Emerton.

♂ ♀ Columbus, Ohio, May 14, 1918.

All live on ground, under edges of stones, in dry, hot situations.

Dictyna volucripes Emerton.

♂ Delaware, Ohio, May 17, 1918.

Taken while sweeping in tall grass near a stream.

Lathys foxi (Marx).

♂ Flint, Ohio.

Taken in a bed of leaves in a deep ravine near a stream.

THERIDIIDÆ.

Ceratinella atriceps Cambridge.

♂ Rockbridge, Ohio, May 4, 1918.

Ceratinella carinata Cambridge.

♂ ♀ Flint, Ohio, April 14, 1918.

Taken under leaves in ravine.

Ceratinella formosa Banks—*Idionella formosa* Banks.

♀ Columbus, Ohio, Oct. 16, 1917.

Ceratinella pygmæa Emerton.

♂ South Columbus, Ohio, Oct. 16, 1917.

Ceratinopsis laticeps Emerton—*xantippe* Keyserling.

♂ ♀ Columbus, Ohio, Oct. 1, 1918.

Taken in wet pasture under boards and grass.

Grammonota inornata Emerton.

♂ ♀ Columbus, Ohio, May 2, 1918.

Grammonota ornata Cambridge.

♀ Rockbridge, Ohio, May 4, 1918.

Taken among grasses and sedges in swampy place in a valley.

Grammonota vittata Barrows.

♂ ♀ Hebron, Ohio, Oct. 3, 1918.

Taken near the edge of the canal sweeping in grass and weeds.

Lophocarenum crenatum Emerton.

♂ Columbus, Ohio, July 12, 1918.

Taken while sweeping on aviation field (river flat).

Theridium cinerium Emerton.

♀ Buckeye Lake, Ohio, June 24, 1917.

Taken under rotten log near the lake.

Tmeticus æstivalis Emerton. = *Oedothorax oxypaderotipus* Crosby.

♂ Rockbridge, Ohio, May 4, 1918.

♂ Flint, Ohio, April 28, 1918.

Taken under leaves and stones near stream in deep, wooded, shale ravine.

Tmeticus maximus Emerton.

♂ ♀ Rockbridge, Ohio, Sept. 14, 1918.

Taken under wet stones under waterfall in ravine.

Tmeticus plumosus Emerton.

♂ Columbus, Ohio, May 2, 1918.*

Taken under straw in field on side of hill.

LINYPHIIDÆ.

Bathyphantes formica Emerton.

♂ Columbus, Ohio, June.

Bathyphantes unimaculata Banks.

♂ ♀ Columbus, Ohio, Oct. 20, 1917.

Under logs in moist pastures, and under vegetation near sluggish streams in pastures or low ground.

Bathyphantes zebra Emerton—*decorata* Banks.

♀ Flint, Ohio, April 14, 1918.

♂ ♀ Rockbridge, Ohio, May 4, 1918.

In the fall these spiders are found on the under side of webs spread in the curled up leaves in low, moist ravines in the woods.

Microneta latidens Emerton.

♂ ♀ Sugar Grove, Ohio, Oct. 26, 1918.

Microneta quinquedentata Emerton.

♂ Hebron, Ohio, Oct. 3, 1918.

Taken under overhanging bank, a few inches from the water of the canal.

Microneta viaria Blackwall.

♂ ♀ Rockbridge, Ohio, May 4, 1918.

♂ Columbus, Ohio, Oct. 8, 1919.

Taken under leaves and stones in a deep, wet ravine.

TETRAGNATHIDÆ.

Mysmena bulbifera Banks. = *Glenognatha bulbifera* (Banks).

♂ Columbus, Ohio.

♂ Orland, Ohio, June 3, 1918.

Lives in horizontal orb webs two inches above the ground in grassland and weedy places.

Pathygnatha brevis Keyserling.

♂ ♀ Columbus, Ohio, Oct. 16, 1918.

Pathygnatha xanthostoma McCook (not Koch).

♂ ♀ Columbus, Ohio, Jan. 25, 1919.

EPEIRIDÆ.

Epeira foliata Hentz.

♂ Rockbridge, Ohio, July 27; 1917.

THOMISIDÆ.

Oxyptila americana Banks.

♀ Columbus, Ohio, July 3, 1917.

Xysticus discoursans Keyserling.

♂ ♀ Columbus, Ohio, May 8, 1918.

Xysticus elegans Keyserling.

♂ Flint, Ohio, May 27, 1918.

Xysticus graminis Emerton.

♂ Columbus, Ohio, May 8, 1918.

Xysticus ontariensis Emerton.

♂ ♀ Rockbridge, Ohio, Sept. 13, 1918.

Taken while sweeping in dry, upland prairie.

LYCOSIDÆ.

Pirata febriculosa? Beck.

♂ ♀ Rockbridge, Ohio, June 16, 1917.

♀ Sandusky, Ohio, July 31, 1917.

Schizocosa saltatrix (Hentz).

♂ ♀ Rockbridge, Ohio, March 27, 1921.

Running in leaves in open oak woods above cliffs.

Trochosa rubicunda Keyserling = *Lycosa polita* Emerton.

♀ Ashtabula County, Ohio.

ATTIDÆ.

Dendryphantes æstivalis Peckham.

♂ Rockbridge, Ohio, June 18, 1916.

Dendryphantes flavipedes Peckham.

♂ ♀ Rockbridge, Ohio, May 4, 1918.

Icius minutus Banks.

♂ ♀ Columbus, Ohio, May 8, 1918.

Pellenes jucundus Peckham.

♀ Rockbridge, Ohio, May 4, 1918.

Phidippus ardens Peckham.

♂ Columbus, Ohio, Sept. 7, 1919.

Probably the same as the males which Peckham describes from Oklahoma.

Zygoballus nervosus Peckham.

♂ Hebron, Ohio, Oct. 3, 1918.

The number of species previously recorded for Ohio, together with those of this list, brings the total up to 306 species.

They are distributed by families as indicated in the following table:

Theraphosidæ.....	3
Pholcidæ.....	2
Dysderidæ.....	2
Drassidæ.....	13
Clubionidæ.....	25
Agelenidæ.....	11
Dictynidæ.....	14
Theridiidæ.....	57
Linyphiidæ.....	22
Mimetidæ.....	1
Tetragnathidæ.....	10
Epeiridæ.....	34
Uloboridæ.....	2
Thomisidæ.....	30
Pisauridæ.....	5
Lycosidæ.....	29
Oxyopidæ.....	1
Attidæ.....	45