
Eighteen Additions to the Spider Fauna of Oklahoma

RICHARD C. HARREL, Oklahoma State University, Stillwater

Little work has been done concerning the spider fauna of Oklahoma. Fitch (1963) listed 192 species from a 750-acre area in Kansas. Only 185 species have previously been reported from Oklahoma by Banks et al. (1932), Branson (1958, 1959) and Harrel (1963). Several of the 23 species reported by Branson are synonymies of Banks.

All species reported below have been verified or identified by Mrs. D. L. Frizzell, Rolla, Missouri or Dr. W. J. Gertsch, American Museum of Natural History and are in my collection unless otherwise stated.

CTENIZIDAE

***Myrmekeiophila fluviatilis* (Hentz)**

One female, Okla. Co., Okla. City, crawling under lights outside a warehouse, Nov., 1964, collected by Jim Walker, Gertsch collection.

***Ummidia* sp.**

One female, Logan Co., Guthrie, burrow in a clay slope, 21 April, 1962, Gertsch collection.

One immature specimen, Payne Co., O.S.U. Campus, burrow in grassy field, 21 Oct., 1964, collected by Dwight Spencer. Gertsch collection.

One female, 12 Nov., 1964, same data as above specimen.

LINYPHIDAE

Centromerus latidens (Emerton)

Five specimens, Major Co., Vickery Cave II, under rocks approximately 300 ft inside cave, 23 Jan., 1964.

Tennesseellum formicum Emerton

One male, Adair Co., 5 Miles S of Little Kansas, Bat Cave, no web, 31 Oct., 1964.

ARGIOPIDAE

Epeira sericata (Clerck)

One male, Payne Co., Stillwater, 26 Oct., 1963, collected by Margaret Ewing.

AGELENIDAE

Coras lamellosus (Keyserling)

One female, Murray Co., 10 Miles S of Sulphur, Buzzard Cave, 50 ft. inside cave on small sheet web, 29 Nov., 1959, Gertsch collection.

Physocyclus enaulus Crosby

One male and one female, Murray Co., Turner Falls Park, Wagon Wheel Cave, 20 ft. in cave, no web, 13, March, 1959, Gertsch collection.

PISAURIDAE

Dapanus miurs (Walckenaer)

One immature specimen, Blaine Co., Roman Nose State Park, tall grass, 26 Oct., 1963.

Dolomedes triton triton (Walckenaer)

One female, Payne Co., Boomer lake, edge of stream below spillway, 20 Sept., 1963.

LYCOSIDAE

Arctosa floridana (Banks)

One immature specimen, Payne Co., O.S.U. Campus, under lights outside Aquatic Biol. Lab., 21 Sept., 1963.

Arctosa funerea (Hentz)

One female, Payne Co., O.S.U. Campus, under rock, 28 Oct., 1964.

Lycosa gulosa Walckenaer

Two males, Caddo Co., Red Rock Canyon State Park, on moss at base of canyon, 26 Oct., 1963.

Trochosa avara Keyserling

One female, Payne Co., Lake Carl Blackwell, running on rocks at edge of lake, 23 Oct., 1963.

Trochosa shenandoo Chamberlin and Ivie

One male, Logan Co., Guthrie, under rock, 21 Sept., 1963.

CLUBIONIDAE

Castianeira descripta (Hentz)

One female, Payne Co., O.S.U. Campus, in grass near greenhouse, 14 Aug., 1964.

THOMISIDAE

Thanatus rubicellus Mello-Leitao

Two females, Payne Co., O.S.U. Campus, on side of poultry house, 9 Nov., 1963.

One immature specimen, Payne Co., Boomer Lake, tall grass, 20 Sept., 1963.

Xysticus texanus Banks

One male, Pontotoc Co., Ada, collecting site unknown, 23 Sept., 1958.

SALTICIDAE

Metaphidippus vitis Cockerell

One female, Payne Co., Lake Carl Blackwell, on bark of willow tree, 14 Oct., 1963.

LITERATURE CITED

- Branson, B. A. 1958. Fourteen additions to the known spider fauna of Oklahoma. Proc. Okla. Acad. Sci. (1957) 38:60-61.
- 1959. Further additions to the known spider fauna of Oklahoma. Proc. Okla. Acad. Sci. (1958) 39:49-50.
- Banks, N., N. M. Newport and R. D. Bird. 1932. Oklahoma spiders. Univ. Okla. Biol. Surv. 4:1-34.
- Harrel, R. C. 1963. Further notes on the invertebrate animals of Wild-woman Cave, Murray Co., Oklahoma. Proc. Okla. Acad. Sci. (1962) 43:129-131.
- Fitch, H. S. 1963. Spiders of the University of Kansas natural history reservation and Rockefeller experiment tract. Univ. Kan. Publ. Mus. Nat. Hist. 33:1-202.
-