
The Distribution of Zoraptera in Oklahoma

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The first collection of *Zorotypus hubbardi* Caudell from Oklahoma known to the authors is the collection made near Harris 31 December 1958. That collection consisted of several dozen specimens taken from decaying sawdust by Van Cleave and Goin (1959). Ferguson (1960) added three Oklahoma localities for Zoraptera.

Additional collecting has yielded *Zorotypus* in almost all the more eastern counties of Oklahoma and we expect to find Zoraptera in all of the eastern-most counties.

The Zoraptera were generally taken from moist sawdust piles just between the very dark, well-decayed sawdust of the inner area of the pile and the dryer, lighter colored sawdust of the outer four to six inches. One collection (Latimer County) was taken from a decaying log.

The following list of sites and dates includes all known collections of *Zorotypus* in Oklahoma. All of the material with the exception of that collected by Riegel and Ferguson is deposited in the Insect Collection of the Department of Entomology, Oklahoma State University. The Ferris collection site in Atoka County in the western-most locality recorded in Oklahoma; however, it is not the western-most limit of the range, for Ramon L. Houk collected *Zorotypus hubbardi* Caudell about three miles west of College Station, Texas in the spring of 1958. Most of the College Station material is in the Texas A.&M. insect collection, although a representative sample is also in the O. S. U. collection.

Nowata County: nr. Nowata, 22 May 1959, Riegel *et al.*; 6 miles E. of Nowata, 26 April 1961, Van Cleave and Campbell.

Craig County: nr. Hollow, 22 May 1959, Riegel *et al.*; 17 miles W. of Welch, 26 April 1961, Van Cleave and Campbell.

Ottawa County: Miami, 22 May 1959, Riegel *et al.*; Miami, 18 July 1961, Van Cleave and Campbell.

Rogers County: 5 miles W. of Claremore, 19 July 1961, Van Cleave and Campbell.

Mayes County: 7 miles W., 1 mile S. of Adair, 2 July, 1961, Lingren.

Delaware County: 3 miles SE. of Disney and 5 miles SE. of Disney, 19 July 1961, Van Cleave and Campbell.

Sequoyah County: 9 miles N. Sallisaw, 29 Aug. 1961, Van Cleave, Nowlin and Goodwin.

Latimer County: Robbers' Cave State Park, 6 May 1961, Drew.

LeFlore County: ½ mile E. of Talihina, 20 Aug. 1961, R. Bryan.

Atoka County: Ferris, 16 Sept. 1959, Van Cleave, Drew and Goin.

Pushmataha County: Nashoba, 16 Sept. 1959, Van Cleave, Drew and Goin.

McCurtain County: Harris, 31 Dec. 1958, Van Cleave and Goin; same locality, 9 April 1959, Van Cleave; same locality, 15 Sept. 1959, Van Cleave, Drew and Goin; same locality, 16 June 1960, Van Cleave, Pela and Curry; same locality, 20 June 1961, Van Cleave and Drew; Haworth, 15 Sept. 1959, Van Cleave, Drew and Goin.

LITERATURE CITED

- Riegel, G. T. and Max B. Ferguson. 1960. New State Records of Zoraptera. *Ent. News* 21: 213-216.
- Van Cleave, H. W. and J. M. Goin. 1959. In U.S.D.A. Coop. Econ. Insect Rep. 9 (3): 22.