

THE FIRST RECORD IN ILLINOIS OF BROCHYMENA PUNCTATA
PUNCTATA (HEMIPTERA:PENTATOMIDAE)

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ABSTRACT. -- The presence in Illinois of
Brochymena punctata punctata is reported.

Brochymena punctata punctata Van Duzee is a rare subspecies, being recorded, thus far, only from Virginia, Georgia, Florida (Ruckes 1946), and Indiana (Blatchley 1926). It feeds on various species of oaks (Quercus) (Ruckes 1946).

Ruckes (1946) stated that this subspecies was apparently restricted to the southeastern United States, and that Blatchley's Indiana specimen "could possibly have been accidentally introduced and escaped as an adventitious individual."

There are presently 5 southern Illinois specimens housed in the Entomology Collection, Zoology Research Museum, SIU-C, that I have determined to be B. p. punctata. These specimens establish the presence of this subspecies in Illinois, and strongly suggest that Blatchley's Indiana specimen was not adventitious but part of a breeding population. Also, this represents the first subspecies of B. punctata to be reported for Illinois.

The label information for the 5 specimens is given below. The 1975 specimens were collected on black walnut (Juglans nigra L.), but not observed feeding.

Gallatin Co., Saline Mines, 8 Aug. 1975, 1 ♂, J. P. Cuda, Coll.

Jackson Co., Carbondale, 19 May 1964, 1 ♂, S. Papaeliou, Coll.; Giant City, 10 May, 1 ♂, 19 May, 1 ♀, 17-20 May 1975, 1 ♂, J. P. Cuda, Coll.

LITERATURE CITED

Blatchley, W. S. 1926. Heteroptera or true bugs of eastern North America with especial reference to the faunas of

Indiana and Florida. Nature Pub. Co., Indianapolis.
1116 pp.

Ruckes, H. 1946. Notes and keys on the genus Brochymena
(Pentatomidae, Heteroptera). Entomol. Amer. 26:143-238.