

## COLLECTION OF *EUKLASTUS HARTI* METCALF IN WISCONSIN (HOMOPTERA: DERBIDAE)<sup>1</sup>

Harold L. Willis<sup>2</sup>

**ABSTRACT:** Twenty-nine adult *Euklastus harti* Metcalf were collected from a rotten elm log in southwestern Wisconsin during summer 1980. Observations on ecology and behavior are provided.

During the summer of 1980, I collected 29 adult *Euklastus harti* Metcalf from a decaying American elm (*Ulmus americana* L.) log in southwestern Wisconsin. The collection data are: Iowa Co., 10.6 km north, 5.5 km west of Dodgeville (SW 1/4 NW 1/4 Sec 25, T 7N, R 2E); 10 Aug. 7♂; 17 Aug., 6♂, 2 ♀; 23 Aug., 3♂, 1 ♀; 31 Aug., 5♂, 3 ♀; 7 Sept., 1 ♀; 21 Sept., 1 ♀. Specimens are housed at the U.S. National Museum, Smithsonian Institution, Washington, D.C. (12 ♂, 7 ♀), the Snow Entomological Museum, University of Kansas, Lawrence (4 ♂, 1 ♀); the University of Wisconsin, Madison (3 ♂); and the author's collection (2 ♂).

The ecology of the collecting locale, a dry southern hardwood forest, has been described by Curtis, 1959. The moist, rotted wood in which the specimens were collected contained a variety of fungi and a growth of moss on the remaining bark of the log. Search after 21 September failed to produce more specimens. One female was collected on a fallen box elder (*Acer negundo* L.) about 210 m from the rotten elm log. Since the box elder was neither moist nor rotten, it is assumed that the *Euklastus* did not emerge from it.

Males and females are sluggish and sit or walk with their large spotted wings held nearly vertically, with the flat surfaces facing forward (Fig. 1). Occasionally they were observed with their wings folded roof-like over the abdomen. If disturbed, they jump-fly. They are weak fliers.

*Euklastus* belongs to the tribe Sikaianini of the Derbidae, a mostly tropical group of fulgorids of about 25 species in 5 or 6 genera, ranging from the Philippines and northern Australia to Fiji to the Seychelles Is. and West Africa to the Caribbean and eastern North America (Fennah, 1952; Metcalf, 1945). *E. harti* has been collected in southern Illinois, North Carolina, and Maryland (Wilson & McPherson, 1980; Kramer, personal communication). Previous collections have totaled only 1 - 6 specimens (Kramer, personal communication).

My series of *E. harti* differs somewhat from the original description and figures in Metcalf 1923. The species was described from a single male

---

<sup>1</sup>Received August 27, 1981

<sup>2</sup>2623 Vine St., Wisconsin Dells, WI 53965