

GENERAL NOTES

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DISCOVERY OF A LARVAL HOST PLANT FOR *OLETHREUTES MONETIFERANA* (RILEY) (TORTRICIDAE) IN NORTHERN KENTUCKY

Additional key words: *Aesculus flava*, *Aesculus glabra*, *Macrocentrus*, Hymenoptera, Braconidae

On 8 April 1997, the second author located larvae of a species of *Olethreutes* feeding on rolled leaves of Yellow Buckeye (*Aesculus flava* Ait. = *A. octandra* Marshall, Hippocastanaceae) along Pools Creek Road in Highland Heights, Campbell County, Kentucky. Three larvae were collected and placed in plastic bags with leaves of the host plant. Two pupated among leaves on 15 April 1997. Two females emerged on 29 April 1997. The third individual was infested with small, parasitic wasps. The two imagos were identified by the first author as *O. monetiferana* (Riley), a species for which no host information has been reported.

Another search of the same area, conducted on 2 April 1998, produced two additional late instar larvae on leaves of small (one to two meters tall) understory trees of *A. flava*. These larvae were dull, olivaceous green with shining black heads, unlike congeneric *Aesculus* feeders *O. ochrosuffusana* (Heinrich), *O. sciotana* (Heinrich), and *O. appalachiana* (Braun) whose larvae are all bright, kelly green with shining black heads. They were very well developed compared to larvae of *O. ochrosuffusana* and *O. sciotana* at that same location which were still in very early instars. Collected larvae were placed in plastic, zip-lock bags and fed leaves of *A. flava*. A male *O. monetiferana* emerged on 18 April 1998, a female (figure 1) emerged on 20 April 1998.

On the same date, after finding larvae in Campbell County, another search was conducted at a location along Middle Creek in Boone County, Kentucky. This site was selected because adults of *O. monetiferana* had been captured there in early June 1984 and late May 1988. Three more of the olivaceous green larvae were



Figure 1: *Olethreutes monetiferana* (Riley), Campbell County, Kentucky

collected on tied leaves of Ohio Buckeye (*Aesculus glabra* Willd.). One of these was stored in alcohol for future study. The other two were reared as before but were heavily parasitized by small wasps in genus *Macrocentrus* (Hymenoptera: Braconidae).

We thank Dr. Michael Sharkey of University of Kentucky for identification of braconid wasps. We thank Todd Gilligan for the photograph in figure one.

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A BIBLIOGRAPHY OF THE WORKS OF ANNETTE F. BRAUN

Additional key words: microlepidoptera, bibliography

Annette Frances Braun (1884–1978) was one of the most accomplished microlepidopterists of the 20th century. During her life she described at least 335 species (Solis, 1990) and published numerous scientific papers, including four major monographs. While she has been the subject of three biographies (Stein, 1988; Solis, 1990; Platt, 2002), we are unaware of a complete bibliography of her published works. The following is what we believe to be a complete list of her 73

publications, all as sole author, beginning in 1908 with her descriptions of new species of *Lithocolletis* and ending in 1972 with her monograph on North American Tischeriidae. This list was compiled over several years, starting with a manual search of the Zoological Record, and with additional records being incorporated as they were discovered. It has been checked against numerous partial bibliographies, informal lists, and reprint collections. Page and volume numbers have been

verified with the original publications. It is hoped that this list will become a useful reference for current and future microlepidopterists.

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