

AN ADDITIONAL RECORD OF THE LONE-STAR TICK,
AMBLYOMMA AMERICANUM (LINN.) IN OHIO

LAFE R. EDMUNDS¹

Department of Zoology and Entomology, The Ohio State University, Columbus 10

Amblyomma americanum (Linn.), the lone-star tick, is easily identified by the solitary white spot on the posterior margin of the scutum of the female. Possessing long, piercing mouth parts, *A. americanum* can inflict painful injury, and in addition is a vector of Rocky Mountain spotted fever and a suspected vector of American Q fever, tularemia, and Bullis fever.

Cooley and Kohls (1944) in their monograph on the genus *Amblyomma* in the United States report that *A. americanum* is most abundant in Texas, Louisiana, Oklahoma, Arkansas, and Missouri, but state that there is little published information concerning its distribution. In Ohio this tick has been reported previously only twice, these records together with an additional recent collection record being summarized as follows:

The first record of this tick occurring in Ohio was reported by Miller (1925) who gave no collection data other than to state that his specimens came from Bellefontaine. Riley (1944) reported the collection of a female *A. americanum* from a human at Jackson, Jackson County, Ohio, April, 1939.

An additional record of *A. americanum* was obtained when a tick collected by Don Tennant from a baby girl on May 11, 1952, at Mt. Gilead, Morrow County, Ohio, was brought to the Department of Zoology and Entomology, The Ohio State University. This tick was identified by the writer as a female *A. americanum*, and will be placed in the insect collection of the Department of Zoology and Entomology, The Ohio State University.

REFERENCES CITED

- Cooley, R. A., and G. M. Kohls. 1944. The genus *Amblyomma* (Ixodidae) in the United States. *Jour. Parasit.*, 30: 77-111.
- Miller, A. E. 1925. An introductory study of the Acarina, or mites, of Ohio. *Ohio Agric. Exp. Sta. Bull.*, 386: 85-172.
- Riley, W. A. 1944. The occurrence of *Amblyomma americanum* in Minnesota and in Ohio. *Jour. Parasit.*, 30: 200-201.

¹Present address: Department of Health Education and Welfare, Public Health Service, 290 West Center St., Logan, Utah.