Brief Note: Helminth Parasites of Pipistrellus Subflavus from Ohio

Ashley, David C.; Rabalais, Francis C.
HELMINTH PARASITES OF *PIPISTRELLUS SUBFLAVUS* FROM OHIO

DAVID C. ASHLEY, Department of Zoology, University of Nebraska
FRANCIS C. RABALAIS, Department of Biological Sciences, Bowling Green State University, Bowling Green, Ohio 43403

Ohio J. Sci. 80(2): 64, 1980

Helminth parasites from *Pipistrellus subflavus* have been reported from several states by various authors. Macy (1936) described *Lecithodendrium breckenridgei* and later (1940) *Acanthatrium pipistrelli* from *P. subflavus* in Minnesota. Williams (1957) recovered *Plagiorchis microcanthos*, *Physocophalus sexalatus*, *Ascarops strongylina*, and an unidentified trematode of the genus *Acanthatrium* from Ohio. He later (1960) described this trematode as *Acanthatrium lunatum* based on material from *Eptesicus fuscus*, also from Ohio. Nickel and Hansen (1967) reported *Plagiorchis microcanthos* from Nebraska. Blankenspoor and Ulmer (1970) reported unidentified spiruroids from *P. subflavus* in Iowa.

Eight specimens of *Pipistrellus subflavus* were collected on December 20, 1971, from caves in Adams Co., Ohio, and examined for helminth parasites. The only trematodes recovered were *Acanthatrium eptesici* which occurred in the small intestine. Specimens of this species were found in the following numbers in male and female bats: males (n = 5) = 0, 2, 6, 7, 20; females (n = 3) = 5, 23, 29. Four unidentified larval nematodes from 2 hosts were the only other helminth parasites recovered. This constitutes the first report of *Acanthatrium eptesici* from the Eastern Pipistrell, *Pipistrellus subflavus*, in Ohio.

Acknowledgment. Thanks are extended to Mr. Richard Mills of the Dayton Museum of Natural History for help in procuring the bat specimens.

LITERATURE CITED
— 1940 Description of three new trematodes with notes on the other species of *Acanthatrium* (*Lecithodendriidae*) and a key to the genus. J. Parasitol. 26: 279-285.
— 1960 *Acanthatrium lunatum* n. sp., a parasite of the Big Brown Bat and a key to the described species of *Acanthatrium*. Ohio J. Sci. 60: 323-326.

1Manuscript received 31 August 1977 and in revised form 27 September 1979 (#77-67).