
OCCURRENCE OF TYPHLOPSYLLA OCTACTANUS IN OHIO.

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While many species of fleas are recorded for different mammals in America, there have been so far no definite records of the occurrence of any of these parasites upon bats. A number of species are known in the old world as infesting these mammals, and it has been a matter of some interest here to determine whether our native species of bats were infested by the same or similar species. In July, 1906, I found upon a bat taken at Cedar Point several specimens of a flea which undoubtedly belongs to this genus and which in its main characters agrees closely with the European species named above. There are some points of difference as compared with a description of that species, especially in the number and arrangement of tenidia, but

these seem scarcely sufficient to warrant the separation of the species, at least without more exact knowledge as to the limit of variation in this characteristic than I have at the present time. The parasite must be quite rare as I have frequently secured other forms of parasites from bats, and would certainly have noted these if they had been common. Since the title of this paper was forwarded I have received a paper from Professor A. M. Banta on the fauna of Mayfield Cave in which he mentions the occurrence of fleas in connection with the bats of that cave, but he does not refer them to any particular genus or species. Doubtless they belong to this genus and their specific determination would be a matter of interest.
