

**Supplementary Notes on the Canadian Species of Cixiidae
(Homoptera: Fulgoroidea)¹**

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The Canadian species of Cixiidae were discussed in a recent paper (Beirne, 1950). In the present paper a species new to the Canadian fauna is recorded, and changes in the specific names of two other species are proposed.

***Oliarus aridus* Ball**

Oliarus aridus Ball, 1902, Can. Ent. 34: 151.

Oliarus breviceps Fowler, 1904, Biol. Centr. Amer. 1: 94.

Specimens of this species have been captured on sour cherry at Virgil, St. Catharines, Stamford, and St. Davids, Ontario, by J. H. H. Phillips, Division of Entomology, Vineland. In the key to the Canadian species of *Oliarus* (Beirne, loc. cit.), it runs to *placitus*, but differs from that species in characters of the male genitalia, in having the frons broader and dark blackish-brown rather than brown. There is a pale-yellow, rounded spot at each side of the frons next the base of the clypeus. These spots are more rounded and distinct than the similar pale markings of *placitus*. The male genitalia of *aridus* are figured by Osborn (1938).

***Cixius nervosus* (Linn.)**

Cicada nervosa Linne, 1758, Syst. Nat. 10: 437.

Cicada hemerbioides Schrank, 1776, Beyträge Zur Nat.: 74.

Cixius basalis Van Duzee, 1907, Proc. Acad. Nat. Sci. Philadelphia 1907: 489.

This common and widely distributed holarctic species is known as *nervosus* in the Palaearctic region but has been referred to as *basalis* in the North American

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literature. I have examined British specimens of *nervosus*, kindly sent by Dr. W. E. China, Department of Entomology, British Museum (Natural History), and can find no significant differences between them and specimens of *basalis*. The male genitalia of *nervosus*, figured by China (1942) and Wagner (1939), is the same as that of *basalis*. *Cixius nervosus*, therefore, is the correct name for the species commonly known as *basalis*.

***Cixius quebecensis* n. n.**

Cixius fulvus Beirne, 1950, Can.-Ent. 82: 100 (Name preoccupied).

Professor Z. P. Metcalf, University of North Carolina, has pointed out (in litt.) that the name *fulvus* is preoccupied by that of a Brazilian species of *Oliarus* described by Walker (1858) as *Cixius fulvus*. The name *quebecensis* is proposed for the species found in eastern Canada.

References

- Beirne, B. P. 1950. The Canadian Cixiidae (Homoptera: Fulgoroidea). *Can. Ent.* 82: 93-101.
- China, W. W. 1942. A revision of the British species of *Cixius* Latr. (Homoptera), including the description of a new species from Scotland. *Trans. Soc. Brit. Ent.* 8: 79-110.
- Osborn, H. 1938. The Fulgoridae of Ohio. *Ohio Biol. Surv. Bull.* 35.
- Wagner, W. 1939. Die zikaden des Mainzer Beckens. *Jahrb. Nassau. Ver. Naturk., Wiesbaden* 86: 77-212.
- Walker, F. 1858. List of homopterous insects in the collection of the British Museum. Supplement.