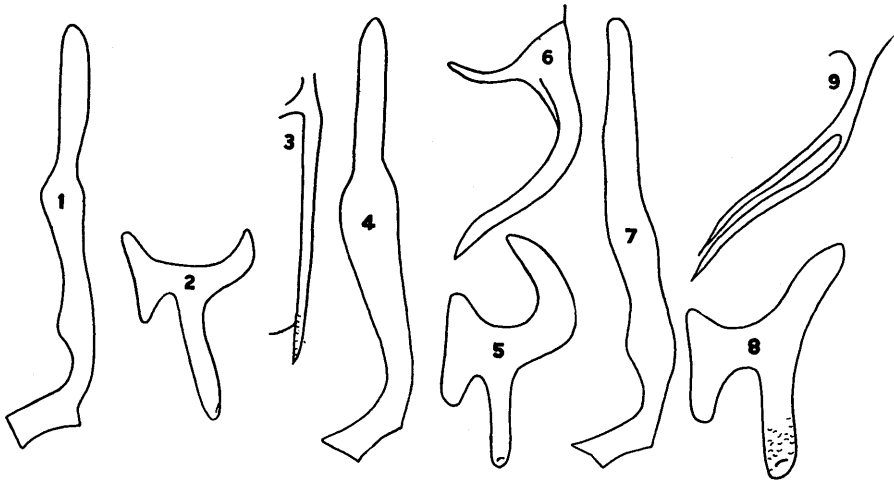


SOME NEW TEXAN ERYTHRONEURA (ERATONEURA) OF
THE DIRA GROUP (HOMPOTERA: CICADELLIDAE)

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Erythroneura of many species were swarming on new elm leaves in Huntsville State Park, Walker Co., Texas, April 2, 1954, where they were collected by D. J. and J. N. Knull. Among them were three new species of the Dira Group.



EXPLANATION OF FIGURES

In the three numbers given for each species, first applies to style, second to lateral view of aedeagus, and third to pygofer hook.

Erythroneura (Eratoneura) longa n. sp. 1, 2, 3.

Erythroneura (Eratoneura) robusta n. sp. 4, 5, 6.

Erythroneura (Eratoneura) schista n. sp. 7, 8, 9.

The color markings in all three are orange and lightly joined, and of the usual pattern of this subgenus. Figures of the inner ♂ genitalia portray the distinguishing features of these new species. All type material is deposited in the collection of the author.

***Erythroneura (Eratoneura) longa* n. sp.**

Figures 1, 2, and 3.

Near *E. patris* Ross and DeLong (1953) but with straight pygofer hook and broader toe on foot of style. Black dots on elytra small and round. Length 2.6 mm.

Holotype ♂ and two paratypes.

***Erythroneura (Eratoneura) robusta* n. sp.**

Figures 4, 5, and 6.

Near *E. immota* Beamer (1932) but with short, thick, incurved pygofer hook, not swollen on outer two thirds, but almost parallel-sided to sharp tip. Length: 2.6 mm.

Holotype ♂ and sixteen paratypes.

Erythroneura (Eratoneura) schista n. sp.

Figures 7, 8, and 9.

Near *E. millsii* Ross and DeLong (1950) but with outer prong of pygofer hook a little longer than inner, and with more robust foot of style. Length: 2.8 mm.

Holotype ♂, allotype and six ♂ paratypes.

REFERENCES

- Beamer, R. H.** 1932. Erythroneura of the Maculata Group. Can. Ent. 64: 16-17.
Ross, H. H., and DeLong, D. M. 1950. New Species of Erythroneura of the Maculata Group. Ohio Journ. Sci. 50: 291.
_____, and _____. 1953. Biological and Taxonomic Notes on Erythroneura. Ohio Jour. Sci. 53: 77-90.
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