

THE GENUS *MARICAONA*
(HOMOPTERA:CICADELLIDAE)¹

Dwight M. DeLong and Candace Martinson²

INTRODUCTION

The genus *Maricaona* Caldwell and Martorell was described from a single female specimen, collected in Puerto Rico in 1950 and described as *Maricaona polyamia* Cald. & Mart. The authors did not attempt to distinguish this genus from *Polyamia*. Linnavuori, 1959, recognized the genus and described two new species, *M. reimoseri* Linn. from Costa Rica and *M. reticulata* Linn. from Mexico. Kramer, 1963, refused to recognize the genus on the basis of a female specimen, alone, and placed *M. reticulata* in the genus *Polamia*. The male of *M. polyamia*, the type species of the genus, is described at this time. The reticulate pattern of the fore wing differs between males and females and apparently varies within the same sex. The male aedeagus is not broadened dorsoventrally at the base and differs from most of the known species of *Polyamia*.

Maricaona polyamia Cald. & Mart.

Length of male 4 mm, female 4.5 mm. The structural and color markings of the male agree with those of the female, except that the reticulate veins of the fore wing are fewer in the male specimens than in the females. In the male the reticulate veins occur almost entirely on the disc, the inner and median anteapical cells and/or the posterior costal margin.

Male genitalia with plates more than twice as long as broad, apex narrowed, rounded. Style narrow, broadened at base, with a long narrow basal portion extending to connective; apical portion notched, producing a short, curved, finger-like, apical process. Aedeagus rather short and broad (in ventral view) apex deeply, roundedly excavated, forming a pair of slender, curved, pincerlike apices which are proximal at their tips. Pygofer narrowed on apical half, apex narrow, rounded.

Allotype male, Maricao, Puerto Rico, 4 mi. S. 1-29-69 (C. W. & L. B. O'Brien). This specimen is designated an allotype in order that the species can be more readily identified and in order to compare it with related species of *Polyamia*.

ABSTRACT.—The male of *Maricaona polyamia* Caldwell and Martorell is described and illustrated.

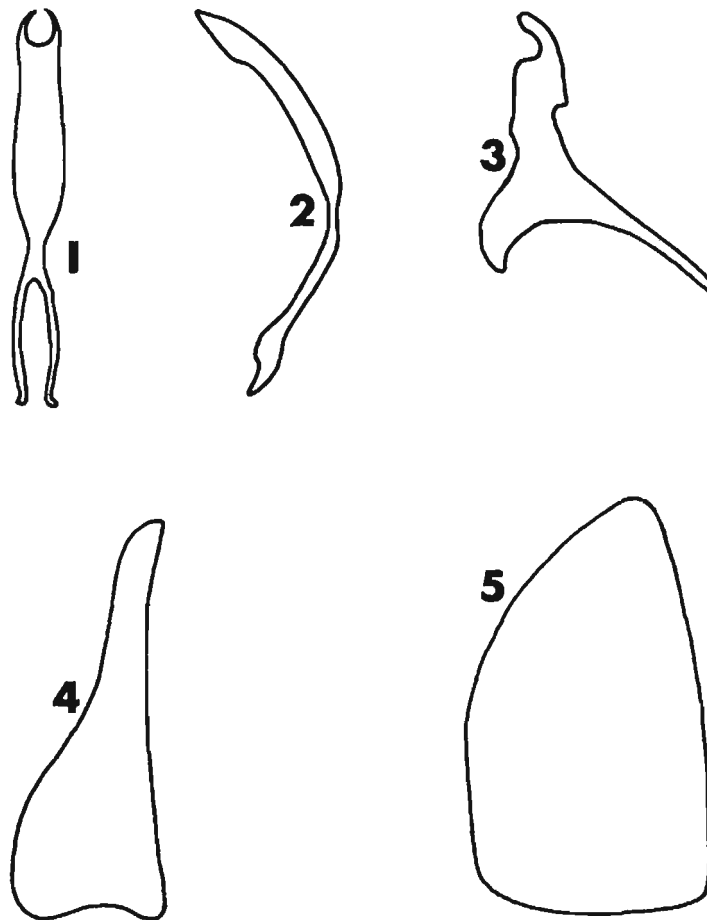
Descriptors: *Homoptera*, *Cicadellidae*, *Maricaona polyamia*—description of male from Puerto Rico.

¹This work was sponsored by the Ohio State University Development Fund. Accepted for publication: December 6, 1972.

²Department of Entomology, The Ohio State University.

LITERATURE CITED

- Caldwell, John S. & Luis F. Martorell. 1952. Review of the Auchenorynchous Homoptera of Puerto Rico. Part I Cicadellidae. Puerto Rico Jour. of Agr. 34:1-132.
- Kramer, James P. New and little known Mexican and Neotropical Deltocephalinae (Homoptera:Cicadellidae) Proc. Biol. Soc. Wash. 76:39.
- Linnavuori, Rauno. 1959. Revision of the Neotropical Deltocephalinae and some related subfamilies. Ann. Zool. Soc. "Vanamo". 20(1):1-370.



Figs. 1-5. *Maricaona polyamia* Caldwell and Martorell. 1 - aedeagus, ventrally. 2 - aedeagus, laterally. 3 - style, ventrally. 4 - plate, ventrally. 5 - pygofer, laterally.