

**TWO NEW SPECIES OF *PONANELLA*  
(HOMOPTERA: CICADELLIDAE) FROM PANAMA**

by *Dwight M. DeLong*

Department of Entomology, The Ohio State University

Key Word Index: *Ponanella* (Homoptera: Cicadellidae) Panama. Entomology, Taxonomy

**ABSTRACT**

Two species, *Ponanella woldai* n. sp. and *P. erusa* n. sp., both from Panama, are described.

The genus *Ponanella* was described by DeLong and Freytag (1969). Seven species (all new) from Central and South America were placed in the genus. Two new species from Bolivia were described by DeLong and Bush (1971). Two new species from Panama are described at this time, both collected by Dr. Henk Wolda, population biologist with the Tropical Laboratory of the Smithsonian Institute.

*Ponanella woldai* n. sp.  
(Figs. 1-4)

Length of male 6.5 mm, female unknown. Crown more than twice as broad at base between eyes as median length. Ocelli as close to posterior as anterior margin of crown and almost as close to each other as each is to proximal eye. Color: crown, pronotum and scutellum tawny yellow, a pair of small black spots on pronotum behind each eye. Forewings, yellowish hyaline, greenish on costal margin, with a brown spot on cross vein between sectors on disc and on the inner cross vein of anteapical cells. Two black spots are at apices of the claval veins at commissure.

Male genitalia with plates rounded at tip, three times as long as broad. Style narrow on basal half broadened on apical half with a rounded bulge on ventral margin at two thirds length of style; apex curved dorsally, pointed. Aedeagal shaft bearing a pair of apical processes which curve laterally and basally, extending about half way to base with apices near shaft, and a pair of subapical processes arising at three fourths length of shaft, curving laterally and basally, extending about half way to base with apices near shaft, and a pair of subapical processes arising at three fourths length of shaft, curving laterally and basally with apices extending to apices of apical processes. Pygofer with a knob-like rounded protrusion on basoterminal margin.

The male aedeagus of this species is different from any of the described species.

Holotype male from Barro Colorado C. Z. at light August 6, 1973 collected by H. Wolda. Paratype: ♂ same data. Holotype and paratype in the DeLong Collection.

I take pleasure in naming this species for Dr. Henk Wolda.

*Ponanella erusa* n. sp.  
(Figs. 5–8)

Length of male 6.5 mm, female unknown. Crown more than twice as broad at base, between eyes as median length. Ocelli nearer anterior than posterior margin of crown and nearer proximal eye than each other. Color: pale yellow, pronotum with a round black spot behind each eye at one third length of pronotum. Forewing pale yellow, hyaline, unmarked.

Male genitalia with plates elongate, three times as long as median width, apex rounded. Style with blade slightly enlarged at three fourths its length by slight bulge on ventral margin, apex curved dorsally, bluntly pointed. Aedeagal shaft with a pair of apical processes which curve laterally and basad and which divide and redivide. Each process divides at about one-third its length forming three processes, a long outer process which extends, without curving or dividing, two thirds distance to base, a short inner process which extends toward shaft and a long inner process which extends basad and divides at half its length. The inner process of this latter division which extends basad and divides forms a short spur at the point of division, a shorter outer process and a longer inner process which extends along shaft farther basally than any of the other processes. The pygofer bears a short pointed spine on basoapical margin.

This species is closely related to *felera* but in *erusa* both the outer spine and the inner branch of the inner spine (portion next to the shaft) extend farther basally than in *felera*.

Holotype male collected at Barro Colorado C. Z. June 16, 1974 by Dr. Henk Wolda. Paratypes: 1 ♂ collected at the same locality on May 8, 1974 resembles the holotype so closely it is placed as a paratype. Holotype and paratype in the DeLong Collection.

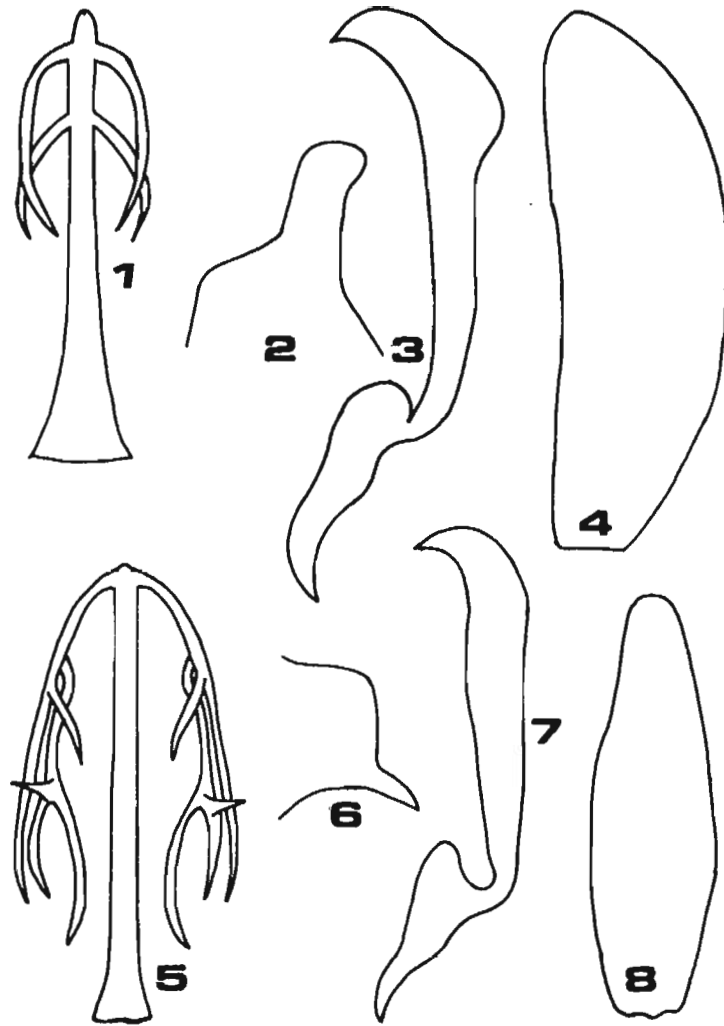
### Resumen

Se describen dos nuevas especies de homópteros cicadélidos procedentes de Panamá: *Ponanella erusa* y *P. woldai*. El género comprende once especies.

## Literature Cited

- DeLong, Dwight M. and Paul H. Freytag. 1969. Studies of the Gyponinae: A new genus *Ponanella* and seven new species (Homoptera: Cicadellidae). Jour. Kans. Entomol. Soc. 42:303-312.
- DeLong, Dwight M. and Mignon Marie Bush. 1971. Studies of the Gyponinae: New species of *Ponanella* and *Acuponana*. Ohio Jour. Sci. 71:376-378.





Figs. 1–4 *Ponanella woldai*. 1. Aedeagus ventrally. 2. Pygofer apex laterally. 3. Style laterally. 4. Plate ventrally. Figs 5–8 *P. erusa*. 5. Aedeagus ventrally. 6. Pygofer apex laterally. 7. Style laterally. 8. Plate ventrally.