

# THREE NEW SPECIES OF TYPHLOCYBINE LEAFHOPPERS FROM MEXICO

(HOMOPTERA: CICADELLIDAE)

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Several genera are represented in the Mexican Cicadellinae. Genera containing several species have been treated separately. Three genera, *Parallaxis*, *Typhlocybella*, and *Typhlocyba*, each contain one new species and these three are treated together in the following pages. The types are in the DeLong collection, the U. S. National Museum, and the Snow collection located at the University of Kansas.

### *Parallaxis diffusa* n. sp.

Resembling *guzmani* (Baker) in general form and appearance. The coloration on the pronotum and elytra is not condensed into spots but rather forms a mottling of light and dark brown. The face and venter are light cream to tan. Length 2.5 mm.

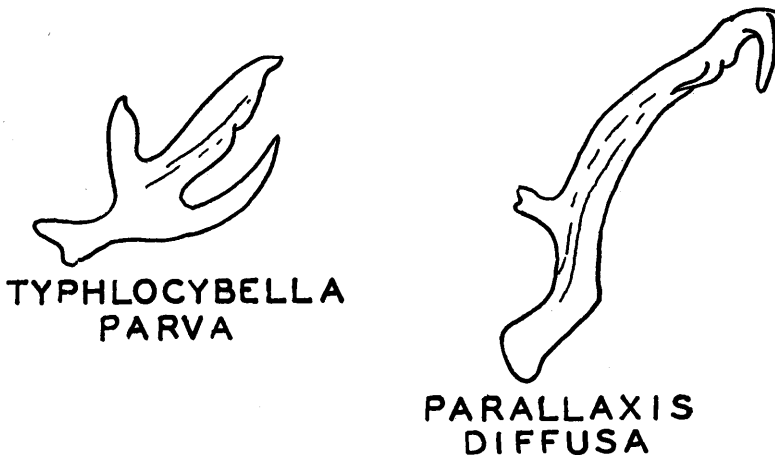


FIGURE 1. Lateral view of aedeagus of species as labeled.

Genitalia: The genital capsule and styles resemble those of *ornata* but the apices of the pygofer are produced into small, triangular lobes. The aedeagus is slender and erect and bears a pair of lateral and a medial, reflexed processes at its apex.

Holotype male and paratype males from Santa Engracia, Mex., Nov. 5, 1938, Caldwell; paratypes El Mante, Tamaul., Aug. 9, 1930 (MF 1734), Dampf; Iguala, G'ro., Sept. 11, 1939, DeLong and Plummer; Valles, S.L.P., Sept. 24, 1941 and Tamazunchale, S.L.P., Sept. 25, 1941, DeLong, Good, and Caldwell. Types in the DeLong collection.

### *Typhlocybella parva* n. sp.

Strongly resembling *minima* Baker in general form and appearance but with distinctive genitalia. The coloration of both species is nearly identical but the elytra of *parva* has flecks of brown along the veins which are lacking in *minima*. Length 2.4 mm.

Genitalia: The genital capsule and styles resemble those of *minima*. The dorsal processes of the aedeagus are short and slender, the phallicata is nearly straight, and a median ventral process arises on the base and extends parallel to the phallicata.

Holotype male and male paratypes collected at 430 km south of Mexico City, G'ro., Dec. 27, 1949 by R. H. Beamer. Types in the Snow collection.

***Typhlocyba aureolineata* n. sp.**

A beautifully marked species which resembles *hubbaridi* (McA.) in general form and appearance but with distinctive coloration. Length 2.8 mm.

Color: Vertex, pronotum, and scutellum are a uniform black. The dorsal half of the face and the pygofer are black while the ventral half of the face, the sides of the pronotum, and the venter are white. The distal half of the corium, except for scattered hyaline spots, and the anterior margin of the clavus are black. The clavus and the anterior half of the corium are white crossed by a broad, transverse, metallic-golden band.

Known only from the female. Holotype female collected at Valles, S.L.P., Nov. 7, 1942, by DeLong, Good, and Caldwell; paratype female collected at Santa Engracia, Mex., Nov. 8, 1938, by J. S. Caldwell. Types in the DeLong collection.

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