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## Review of the genera *Paulomanus* Young, 1952 and *Beamerana* Young, 1952 (Hemiptera: Cicadellidae: Typhlocybinae: Empoascini) with description of a new species from Argentina

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### Abstract

The Neotropical microleafhopper genera *Paulomanus* and *Beamerana* are redescribed based on study of type material and newly collected specimens. *Paulomanus* is recorded for the first time from Argentina and a new species, *P. falciformis* n. sp., is described. Detailed morphological description and illustration of the new species and a key to males of the known species of *Paulomanus* are provided. A key to genera of the New World Empoascini is also provided.

**Key words:** Auchenorrhyncha, key, new record, new species, morphology, distribution

### Resumen

Se redescubren los microleafhopper neotropicales de los géneros *Paulomanus* y *Beamerana* basados en el estudio de material tipo y especímenes recientemente colectados. Se registra por primera vez para la Argentina el género *Paulomanus* Young y se describe una nueva especie, *P. falciformis* n. sp. Se provee una detallada descripción morfológica, ilustraciones de la nueva especie y una clave de las especies conocidas. También se provee una clave a géneros de los Empoascini del Nuevo Mundo.

**Palabras clave:** Auchenorrhyncha, clave, nuevo registro, nueva especie, morfología, distribución

### Introduction

In his comprehensive review of the New World microleafhopper subfamily Typhlocybinae, Young (1952) described two peculiar Neotropical genera, *Paulomanus* and *Beamerana*, each based on a single species, and included them in the tribe Typhlocybini. Young (1952) included the genus *Empoasca* Walsh in Typhlocybini. However, most recent authors have included *Empoasca* in a separate tribe, Empoascini. Because the hind wing venation of *Paulomanus* and *Beamerana* is nearly identical to that of *Empoasca* (i.e., with a single large, closed apical cell) and is different from that of Typhlocybini (*sensu* Dietrich 2013), it seems appropriate to include *Paulomanus* and *Beamerana* in Empoascini (new placement). Nevertheless, the two genera described by Young differ from other genera in Empoascini in lacking ocelli and, most remarkably, in lacking a well delimited lorum. The latter feature has not been observed in other leafhoppers and suggests that *Paulomanus* and *Beamerana* together represent a distinct lineage.

## Distribution. Bolivia.

**Material examined.** *Beamerana tropicalis*: holotype female and male allotype (dissected by Young), Prov. del Sara, Bolivia, Feb. 1913 (Steinbach) (CMNH). *Beamerana similis*: holotype male (dissected by Young), Prov. del Sara, Bolivia, Feb. 1913 (Steinbach) (CMNH).

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