

A NEW GENUS AND THREE NEW SPECIES OF SOUTH
AMERICAN CICADELLIDÆ (HOMOPTERA).

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The species described below are so distinct from other Cicadellidæ and form as a group so well marked an assemblage that I feel warranted in placing them in a new genus. Types of new species in the author's collection.

Genus *Idiotettix*.

The shape of *Idiocerus* but with ocelli well up on the border between vertex and front, with some resemblance to *Cicadella* of the short vertex forms. Head very broad; eyes conspicuous extending distinctly beyond borders of pronotum; vertex short, scarcely as long as next the eye; front broad, nearly as wide as long; clypeus expanding toward the apex; pronotum strongly arched in front, lateral border short; scutellum large; elytra elongate, extending beyond tip of abdomen, narrowing to the apex with a distinct appendix; veins rather obscure; clavus without cross nerves.

Type of the genus, *Thamnotettix magnificus* Osb.

Idiotettix magnificus Osb.

Thamnotettix magnificus Osborn. Annals of the Carnegie Museum, Vol. XV, 1924, p. 424.

The type specimen was a female from Quatro Ojos, Bolivia, in the Carnegie Museum collection. A male from the author's collection which agrees in all general characters with the female has the last ventral segment short, scarcely as long as the preceding, valve hidden or wanting; the plates apparently fused at base, apical two-thirds bearing short stiff bristles and the apex narrowed, acute, upturned and reaching end of pygofer.

The colors are possibly slightly darker, but correspond in picture with the female as described. The female is 12 mm.; male 9.5 mm. in length. The male was collected by H. S. Parish, Bartica, British Guiana, March 20-30, 1901. This species was doubtfully referred to the genus *Thamnotettix* with the note that it bore a strong resemblance to some members

of the genus *Cicadella*. Since the publication of that description, I have received specimens of three other species which, taken together, form a group which seem to me to warrant the forming of a new genus. Their exact affinities seem still problematic, since they possess features which taken by themselves might connect them with *Idiocerus*, *Cicadella* or perhaps more pronouncedly with *Thamnotettix*, although they do not agree well with any group within any one of these genera. The position of ocelli will exclude them from either *Bythoscopinæ* or *Cicadellinæ* and place them in *Jassinæ*, but in size and elytral patterns they seem rather to belong to *Cicadella* than to *Thamnotettix*.

***Idiotettix boliviana* n. sp.**

Head broad, much wider than pronotum, eyes almost protruding; vertex very short, scarcely as long at middle as next the eye; ocelli on the border between vertex and front, much nearer to the eye than to each other, about twice the diameter from the eye; front longer than wide, borders curving towards base of clypeus; clypeus twice as long as width at base, widening toward tip; loræ elongate. Pronotum polished, faintly rugose, lateral border reduced to a point, lateral angles broadly rounded, hind border slightly concave.

Vertex with a broad orange red band behind the ocelli and another below the ocelli on base of front which has, lower down, two broad browish cross bands. A line between the ocelli is luteus and two bands, and the apex on front are pale yellowish; the antennal pits and a broad line on suture between front and cheek jet black; clypeus and loræ pale yellowish, slightly tinted with brownish on the central part; pronotum, scutellum, and elytra mostly brown, tinged with reddish or chocolate. A row of spots next to commissure and the claval suture at base and toward tip milky hyaline. Along center of elytra and apical areoles mostly yellow, base of outer cell with three spots on the central apex, reddish. Beneath dull yellowish, with spot on the propleura and sternum and the tarsi, black or brownish.

Described from a single specimen (holotype), Coroico, Bolivia, received from a European dealer.

***Idiotettix fasciatus* n. sp.**

Head broad, distinctly wider than pronotum; vertex short, margins nearly parallel; ocelli less than twice their diameter from the eye; front long, slightly convex; clypeus twice as long as wide; loræ elliptical almost touching margin of cheek. Pronotum short, hind border slightly concave; scutellum smaller than in *boliviana*; apex acute; clavus with two distinct veins, the anterior one quite short.

General color fulvous, a broad fulvous band above and below ocelli and two stripes tapering toward apex on the front; front dull yellowish with nine or ten dark lateral arcs; pronotum with four broad longitudinal stripes and the border fulvous; scutellum brown on the disk with a V-shaped black mark margined by yellowish, the lateral borders fulvous; elytra brown fulvous with a velvety texture, with claval and discal veins of elytra dark purplish margined with blackish; outer half of elytra with five irregularly shaped whitish spots margined with fuscous, apical areas fuscous, center of tip and part of apical veins whitish; beneath pale yellow, tips of tarsi dark. Length 8 mm.

Described from two specimens, one (holotype), Hohenau, and the other (allotype), Villarica, Paraguay. These are slightly smaller than *boliviana* and differ from that species very distinctly in the conspicuous stripes of the pronotum.

***Idiotettix brunneus* n. sp.**

Head distinctly wider than pronotum, vertex short considerably shorter at middle than next the eye, ocelli near the eye, scarcely more than the diameter from the margin; front long, tapering with slight curvature to base of clypeus; clypeus more than twice as long as width at base, apex rounded; loræ elongate, the outer margin paralleling very closely the margin of the narrow cheek. Pronotum short, lateral angles broadly rounded, hind border scarcely concave; scutellum wider than long; elytral veins fairly distinct. Color uniformly brown with arcs, on the front, faint stripes on the pronotum, the elytral veins and borders to faintly defined milky spot on outer half of elytra, fuscous. Length 7 mm.

Described from a single specimen (holotype) received from a European dealer and labeled Hohenau, Paraguay.