

A NEW GENUS AND FOUR NEW SPECIES OF  
CICADELLIDAE (HOMOPTERA) FROM  
THE UNITED STATES

DWIGHT M. DE LONG,  
Department of Zoology and Entomology,  
The Ohio State University

Genus **Orienteus** n. gen.

Allied to *Phlepsius*. Elytra marked with ramose pigment lines. Vertex almost parallel margined, broadly rounded with a depressed transverse line back of margin. Vertex margin broadly rounded to front and obtusely angled with it. Male plates deeply notched on outer margins, forming a conspicuous tooth. Pygofers with long processes arising dorsally on inner margins near anal tube and extending apically and ventrally.

Type of Genus *Phlepsius ishidae* Mat.

Although described as a member of this genus, recent study has indicated that it is quite distinct from the other groups previously placed under the name *Phlepsius*.

**Laevicephalus flabellum** n. sp.

Resembling *flavovirens* in form, color and general appearance, but oedagus of male without recurved lateral processes at apex. Length 4.5-5 mm.

Vertex well produced and bluntly angled, about one-fourth wider between eyes than median length.

Color: Vertex yellow, recurved arcs from front on margin either side of apex brownish, pronotum green, bordered with yellow, scutellum yellow, elytra green. Face brown with pale arcs.

Genitalia: Female last ventral segment sloping to central produced, black tooth, truncate at apex which is produced more than one-half the length of segment. Male plates broad, rounded at apex to inner margins. Oedagus broadened at apex, broadly rounded with a short spine-like projection at either side of broadly rounded margin.

Holotype male, allotype female and male and female paratypes Eureka, California, June 23, 1934 (E. D. Ball), in Ball collection. Male and female paratypes in author's collection.

**Phlepsius supinus** n. sp.

Resembling *uhleri* in size and form but paler in color with oedagus front and curved ventrally at apex. Length 4.5 mm.

Vertex parallel margined, broadly roundedly produced. More than three times as broad between eyes as median length. Vertex with thick margin.

Color: Vertex and scutellum tawny, vertex with a white spot at apex. Pronotum and elytra heavily marked with dark brown. Elytra with a brown spot on commissural line at middle and another at apex of clavus.

Genitalia: Male plates rather short and broad, shorter than pygofer. Oedagus bifurcate at apex. In lateral view with a long curved process extending caudally with the apex narrowed and recurved ventrally.

Holotype male collected at Battle Point, Virginia, June 22, 1918, by J. G. Sanders.

#### **Chlorotettix aurum** n. sp.

Resembling *suturalis* in general form and appearance but smaller with notched pygofer and four shorter terminal processes on oedagus. Length 7 mm.

Vertex roundedly produced, only slightly longer on middle than next the eye, about twice as broad as median length.

Color: Yellow, unmarked, elytra pale subhyaline, slightly darker along commissural line. Yellow beneath.

Genitalia: Male plates long, gradually tapered to rather acutely pointed apices. A brown mark in center of either plate at base as in *suturalis*. Male styles long and slender, apical half gradually tapered to blunt apices. Oedagus in lateral view curved, basal and apical ends directed dorsally. Apex with four long slender processes, two directed caudally and two slightly anteriorly directed dorsally. Pygofer notched on caudal margin, the portion dorsal to notch strongly pointedly produced. Two pairs of brushes of heavy spines extend from wall of pygofer into genital chamber and almost obscure apex of oedagus. Two of these are attached just below the notch on ventral apical portion and two are attached to dorsal wall above and anterior to notch.

Holotype male and paratype male, Carolina Beach, North Carolina, June 24, 1928, collected by the author.

#### **Dikraneura lentus** n. sp.

In general appearance resembling *carneola* but with vertex more bluntly angled and ventral caudal margin of pygofer produced and pointed. Length 3.5-4 mm.

Vertex bluntly angled, two and one-half times as broad as long. Produced two-thirds its length before anterior margins of the eyes.

Color: Dull green tinged with yellow. Vertex dull yellowish, pronotum, scutellum and elytra greenish gray, elytra subhyaline.

Genitalia: Female last ventral segment broadly roundedly produced. Male plates gradually narrowed to rather bluntly rounded apices. Pygofer rounded from dorsal margin to produced, sharply pointed apices of ventral margin. Oedagus with anterior process which is produced dorsally, and apex with four finger-like processes. Two extend dorsally beyond margin of pygofer and two recurve caudally and are directed ventrally.

Holotype male, allotype female and male and female paratypes from White Mt., Arizona, collected July 5, 1935, by F. H. Parker.