

A NEW SPECIES OF IDIOCERUS FROM PANAMA (HOMOPTERA: CICADELLIDAE)^{1, 2}

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FREYTAG, PAUL H. A New Species of *Idiocerus* from Panama (Homoptera: Cicadellidae). *Ohio J. Sci.* 75(1): 25, 1975.

A new species of *Idiocerus capnus* n. sp., belonging to the *dolosus* group, is described from Panama. This species is the smallest member of this group and the only one presently known from Central America. It is being described from a series of specimens from Tocumen, Panama, but several hundred specimens have been collected throughout this country. Nearly all were collected at light traps so the host plant remains unknown.

Idiocerus capnus n. sp. (Figures 1-6)

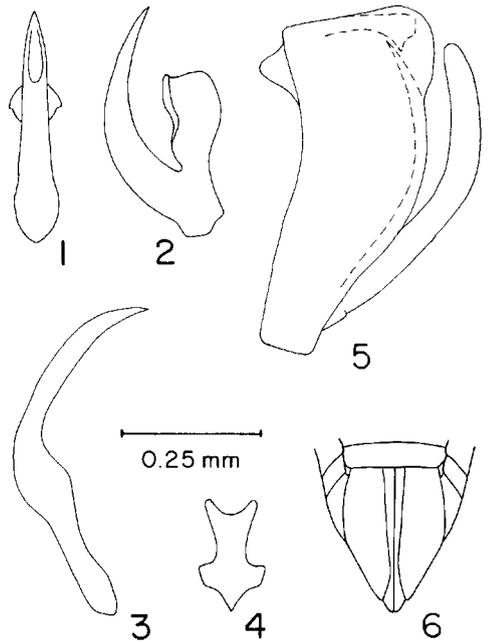
Resembling *dolosus* in general appearance, but much smaller and without color banding on the frontwings. Can be separated from all other species in the *dolosus* group by its small size and more southern distribution. Length: male 3.5 to 3.8 mm, female 3.8 to 4.2 mm.

Vertex with anterior margin slightly curved, nearly same length in middle as near eyes. Postclypeus expanded, wider than long; anteclypeus short, constricted in middle, expanded only slightly at apex. Male antennae without disc. Front wings flaring, venation distinct, appendix large.

Color: Vertex and face yellowish-brown with two large black spots on margin. Each ocellus with a brownish circle around it. Antennae yellowish-brown with apical half black. Pronotum yellow-brown with an anterior brownish splotch behind each eye. Scutellum yellow-brown with dark-brown triangles. Front wings uniformly smoky brown, with a small yellow patch along basal costal margin, and basal part of costal vein black.

Male genitalia: Plate nearly as long as

pygofer, narrowing to apex. Apex bluntly rounded. Pygofer narrow with a slightly enlarged apex, a long ventral spine extending to near apex, and a dorsal heavily sclerotized process on each side of specimen, possessing a subapical ventral projecting spur. Style narrow, outwardly bent, nearly same width throughout, then narrowing to a pointed apex. Connective T-shaped. Aedeagus with shaft evenly bent dorsally, without processes; gonopore subapical on ventral side forming a furrow to near apex; apodeme large in lateral view, but narrow in ventral view.



FIGURES 1-6. *Idiocerus capnus* n. sp. Figures 1-5 to scale indicated. Figure 6 same scale equals 1 mm. 1. aedeagus, ventral view; 2. aedeagus, lateral view; 3. style, latero-ventral view; 4. connective, ventral view; 5. Pygofer and plate, lateral view; 6. female genitalia, ventral view.

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Female genitalia: Seventh sternum truncate. Ovipositor short, extending less than its own width beyond pygofer. Pygofer short, robust.

Host plants: Unknown, but probably a shrub, as other species of the *dolosus* group occur on the Genus *Rhus*.

Holotype male: Tocumen, Panama, XI-17-1952, F. S. Blanton, light trap. Allotype female; same data as holotype. Paratypes: 15 males, 9 females, same data as holotype. Holotype, allotype, and 20 paratypes are deposited in the U. S. National Museum Collection. Also a male and a female paratype are deposited in both The Ohio State University Collection and The University of Kentucky Collection.

Remarks: Nearly 200 specimens from various localities in Panama have been examined. Most of these are in the U. S.

National Museum Collection, but a few are in the DeLong Collection at The Ohio State University, The California Academy of Science Collection, and The North Carolina State University Collection.

The North American species of the *dolosus* group have been reviewed in previous papers (Freytag, 1962 and 1965). Other new Central American species and the Mexican species will be reviewed in later papers. The species name, *capnus* (Latin—smoke), is used here as a noun in apposition.

LITERATURE CITED

- Freytag, P. H. 1962. A new species of *Idiocerus* from the Southwest and a review of the related species. (Homoptera: Cicadellidae). *Ohio J. Sci.* 62: 244-252; 27 figs.
- 1965. A revision of the Nearctic species of the Genus *Idiocerus*. (Homoptera: Cicadellidae: Idiocerinae). *Trans. Amer. Entomol. Soc.* 91: 361-430; 247 figs.