

## A NEW SPECIES OF *IDIOCERUS* FROM HONDURAS<sup>1</sup>

(Homoptera: Cicadellidae)

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A new species of the genus *Idiocerus* was collected during recent visits to the Panamerican School of Agriculture, El Zamorano, Honduras. This species is most closely related to the *I. amoenus* group of the Nearctic fauna and resembles *I. depictus* Ball more than any of other species.

*Idiocerus hondurensis* sp. n.

(Fig. 1-6)

Resembles *I. depictus* in general body shape and appearance, but smaller: wings not smoky, with male antennal discs smaller and not elongated. Male 4.2 - 4.6 mm, female 4.5 - 4.8 mm. Width of head: Male 1.5 - 1.7 mm, female 1.6 - 1.7 mm.

Vertex slightly rounded length slightly shorter in middle than near eyes. Male antennae with small flattened discs at apex. Forewings with normal venation, appendix large and over lapping at apex of body.

Color: Vertex and face orange yellow; females tend to have two faint brown spots equally spaced on anterior margin of vertex, antennae yellow with male disc black. Pronotum orange yellow, with darker scutellum showing through. Scutellum brown in female, yellow brown with black markings in male. Forewing clear orange yellow with veins either darker orange or orange brown, with margin of clavus brown.

Male genitalia: Plate long, thin, rounded at apex. Pyrofer narrow, extending to a bluntly pointed apex. Style curved, nearly same width to near apex, then developed into a sharply pointed apex, several prominent combined spines at apex, with a few scattered spines along median part. Connective shaped like an inverted "T". Aedeagus with shaft curved to a long flattened apex, gonopore at base of flattened area on ventral surface, and a short spine-like process directed basally on each side of shaft just basal to gonopore; apodeme large with a median dorsal expansion and lateral pointed projections.

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Female genitalia: Ovipositor long, narrow, extending nearly twice as far beyond pygofer as its own width. Pygofer long, rounded laterally narrowed at distal end. Posterior margin of seventh sternum slightly rounded with wide but shallow median emargination.

Host plant: *Salix chiloensis* Molina.

Holotype male: El Zamorano, Francisco Morazán, Honduras, December 21, 1965, on *Salix chiloensis* Molina, P. H. Freytag and H. J. Harlan. Allotype female: Same data as Holotype. Paratypes: 8 males, 8 female, same data as holotype. Holotype, allotype and paratypes in the Ohio State University Collection. Also paratypes in the U. S. National Museum Collection and the University of Kentucky Collection.

Other specimens collected and not included in the type series are: 21 male, 26 female, 1 nymph, El Zamorano, Francisco Morazán, Honduras, July 9, 1965, on *Salix chiloensis* Molina, P. H. Freytag and L. P. Gibson.

Notes: This species is very close to *I. depictus* but can be separated from it by the male antennal discs being much smaller and the female seventh sternum having a shallow median emargination.

#### REFERENCES

- Ball, E. D. 1902. Some new Bythoscopidae from British Columbia and the Southwest. Can. Entomol. 34:303-313.
- Freytag, P. H. 1965. A revision of the Nearctic species of the genus **Idiocerus** (Homoptera: Cicadellidae: Idiocerinae). Trans. Amer. Entomol. Soc. 91:361-430; 247 figs.