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A NEW GENUS REGALANA AND SPECIES OF GYPONINAE (Homoptera: Cicadellidae)¹

DWIGHT M. DELONG² AND PAUL H. FREYTAG³

ABSTRACT

A new genus, **Regalana**, and new species, **R. corona** n. sp. from Panama and Francaise Guyane are described.

A key to the genera of the world Gyponinae was published (1972) by DeLong and Freytag. A new genus, **Regalana**, not included in the key and the type-species, **R. corona** n. sp., are described in the following pages. It is probably most closely related to *Ponana* and *Curtara* although the aedeagal parameres are lacking.

Regalana, new genus

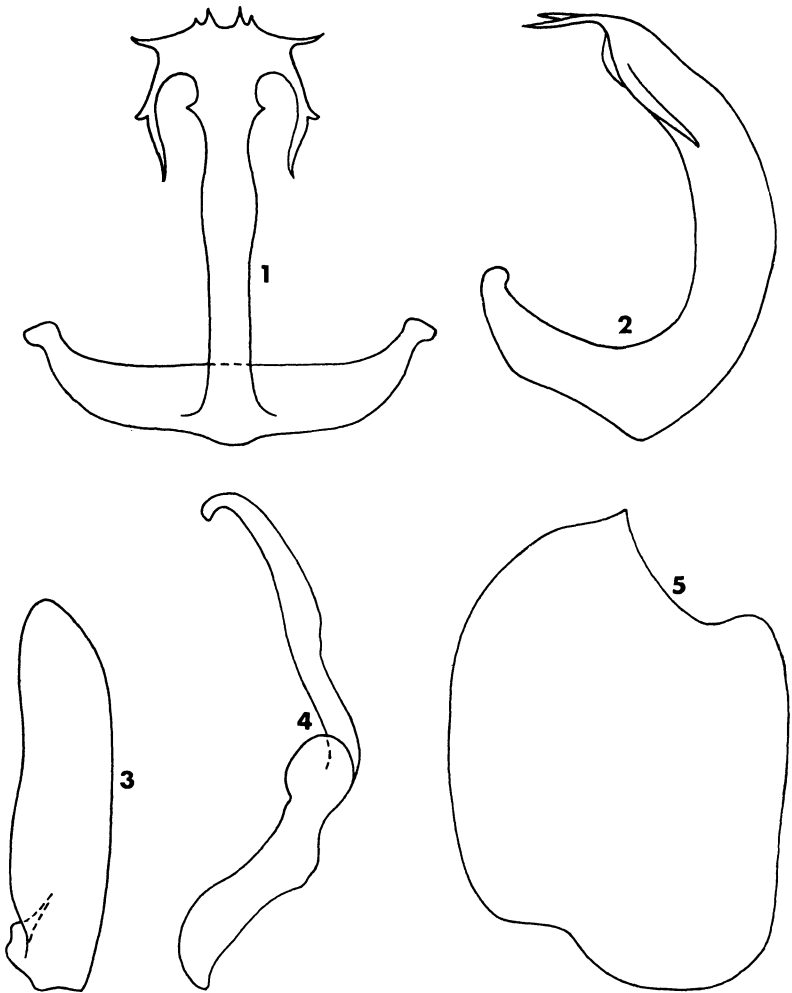
Crown short, broadly rounded, twice as wide between eyes at base as median length, with a definite margin, disc slightly concave and with transverse striae. Ocelli large, equidistant between eyes and median

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FIGS. 1-5. *Regalana corona* n. sp. 1. aedeagus, ventrally. 2. aedeagus, laterally. 3. plate, ventrally. 4. style, laterally. 5. pygofer, laterally.

line, slightly nearer anterior than posterior margin of crown. Aedeagus without parameres, terminal portion of shaft with a broad, transverse, head-like portion.

Type-species: *Regalana corona* n. sp.

In general form and appearance *Regalana* resembles small species of

Curtara but the aedeagus lacks parameres, and the striae on the crown are transverse as in *Ponana*.

Regalana corona, n. sp.

Length of male 7 mm, female 8 mm. Crown broadly rounded, appearing parallel margined, twice as wide between eyes at base as median length, with definite margin.

Color: Clypeus yellow, postclypeus yellow with portions of six dark brown arcs. Crown yellow. Pronotum yellow with two round black spots and a black "C" shaped spot behind each eye; caudal two-thirds with brown punctate spots. Scutellum yellow, basal angles brown. Forewings white, heavily marked with brown. White spots conspicuous along scutellum and commissure, along costa and bases of the apical cells.

Male genitalia: Plates four times as long as broad, apices narrow, rounded. Style with blade slightly enlarged at one-third its length, apex narrowed, curved dorsally and blunt. Aedeagus with broad base, shaft stout, with a broad, transverse, laterally protruded apical "head" which bears four median apical teeth (the median pair longer, separated by a U-shaped notch) a lateral spine on each side, and a long, ventral, sharp pointed spine about one-third length of shaft each side extending basad (each ventral spine bears a median spur on outer margin), also a short pointed spur arising on each side of aedeagal shaft just basad of "head-like" structure.

Female genitalia: Seventh sternum with lateral angles rounded to a truncate posterior margin which bears a V-shaped notch at middle one-fourth width and one-fourth length of segment.

Holotype: Alhajuelo, C. Z., Panama, 8-III-1912, A. Busck. Allotype female: Viscosa, Brazil, 14-X-1929. Paratype: one specimen without abdomen, Juillet, St. Jean Du Maroni, Francaise Guyane, Le Moul. Holotype in the U.S. National Museum, allotype and paratype in the DeLong Collection.

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