



First report on the leafhopper genus *Jogocerus* Viraktamath (Hemiptera: Cicadellidae) from China, with description of one new species

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The subfamily idiocerinae is a moderately large group of the leafhoppers, consisting of two tribes and more than 98 genera 650 species worldwide. So far 57 species under 14 genera of two tribes have been recorded from China. The leafhopper genus *Jogocerus* was described by Viraktamath (1979) with *Jogocerus freytagi* Viraktamath as the type species from India. In this paper, one new species *J. hainanensis* from Hainan Province, China is described and illustrated. This represents the first record of the genus from China. The type specimens of the new species are deposited in the collections of the College of Life Science and Technology, Inner Mongolia Normal University, Hohhot, China.

Genus *Jogocerus* Viraktamath

Jogocerus Viraktamath, 1979: 17.

Type species. *Jogocerus freytagi* Viraktamath, 1979, by original designation. Type locality: India (Karnataka).

Diagnosis. Medium-sized leafhoppers. Length: male 4.8–5.2 mm, female 5.5–6.2 mm. Head distinctly wider than pronotum. Vertex, pronotum, scutellum and face dorsad of ocelli finely transversely rugose. Face including eyes wider than long. Clypellus projecting beyond genae, gradually widened distally and truncate. Pronotum about half as long as broad. Scutellum slightly longer than pronotum. Forewings with 4 apical cells and 2 or 3 subapical cells, r-m crossvein present, appendix moderately broad. Hind femora with setal formula 2: 1. Crown with black spot on either side of median line, scutellum with basal triangles black.

Male genitalia. Pygofer with or without well developed dorsal apodemes, anal collar process and ventral pygofer process. Subgenital plates elongate, narrow with a few hair-like setae. Style with apophysis elongate, curved laterally, without macrosetae on outer margin. Connective with anterior half broad, caudal half with U-shaped excavation caudally. Aedeagus with well developed dorsal apodeme, with pair of lateral processes arising subapically, gonopore subapical on ventral margin.

Female genitalia. Sternite VII convexly produced; posterior margin of median area narrowly concave in ventral view. Second valvula regularly broadened in lateral view, bearing approximately 23–25 teeth along dorsal margin.

Distribution. Oriental (India and China).

Jogocerus hainanensis sp. nov.

(Figs. 1–5, 6–14)

Type material. Holotype: male, Jianfengling National reserve, Hainan province, China, 17 July 2007, Bin Zhang; paratypes two females, same data as holotype.

Description. Coloration. Vertex yellowish brown. Face pale-orange. Ocelli pale brown. Eyes black. Pronotum on anterior half pale yellowish brown, posterior half dark brown. Scutellum with basal black triangles and two pairs of central black spots. Forewing brown, veins dark brown. Abdomen yellow. Vertex, Scutellum and Pronotum with yellowish brown in female. Scutellum without central spots in female (Fig. 2).