

FIVE NEW SPECIES OF MIRIDAE (HEMIPTERA).¹

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Orthotylus robiniae n. sp.

Allied to *ramus* Knight but differs in the shorter rostrum, and in the structure of the male genital claspers.

Male. Length 3.6 mm., width 1.3 mm. Head: width .71 mm., vertex .37 mm. Antennae: segment I, length .26 mm.; II, 1.0 mm.; III, .63 mm.; IV, .37 mm.; yellowish green, segments III and IV dusky. Rostrum, length .86 mm., slightly surpassing hind margin of mesosternum; yellowish green, apex black. Pronotum: length .54 mm., width at base 1.09 mm.

Uniformly green or yellowish green, membrane uniformly pale fuscous. Clothed with simple, pale yellowish pubescence. Genital characters distinctive, left clasper with dorsal and ventral arms nearly extending in same plane, dorsal arm curving inward along margin of genital segment to near the dorsal surface, gradually flattened forming a thin spatulate apex furnished with several short, blunt teeth, ventral arm acuminate, following margin of genital segment to beyond middle then curving inward and upward forming an elongate "S"; right clasper inwardly curved, with blade-shaped arm at base curving upward and inward, forked near apex forming two short, flattened, acuminate arms curving inward and upward to near middle of genital segment their apices flattened and with short, blunt teeth; dorsal margin of genital segment with slender chitinous spine projecting posteriorly.

Female. Length 3.5 mm., width 1.4 mm. Head: width .71 mm., vertex .37 mm. Antennae: segment I, length .25 mm.; II, .92 mm.; III, .63 mm.; IV, .42 mm. Pronotum: length .54 mm., width at base 1.09 mm. Very similar to male in size, form, pubescence and coloration.

Holotype: male May 15, 1931, Natchez, Mississippi (H. G. Johnston); author's collection.

Allotype: taken with the type.

Paratypes: 16 males and females taken with the types on locust (*Robinia pseudo-acacia*), which is no doubt the host plant.

¹ Contribution from Entomology Department, Texas A. & M. College, College Station, Texas.