

FIVE NEW SPECIES OF MIRIDAE FROM TEXAS (HEMIPTERA).¹

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Atractotomus flavotarsus n. sp.

Allied to *crataegi* Knight but distinguished by shorter rostrum, thicker antennal segments I and II in male, and the yellow tarsi.

Male. Length 2.6 mm., width 1.2 mm. Head: width .61 mm.; vertex .36 mm. Rostrum: length .96 mm., scarcely attaining posterior margins of intermediate coxae. Antennae: segment I, length .21 mm., greatest thickness .12 mm.; segment II, length .78 mm., greatest thickness .15 mm.; segment III, .65 mm., slender, yellowish brown; segment IV, .43 mm., dusky. Pronotum: length .56 mm., width at base 1.0 mm.

Color uniformly black, tarsi except apical segment and claws yellowish, apical half of anterior and intermediate tibiae yellowish, antennal segments I and II tinged with red. Membrane dusky, veins black. Densely clothed with black simple pubescence and intermixed with closely appressed, silvery-white, deciduous, scale-like pubescence on femora, dorsum and sides of body, the individual scales much narrower than on *crataegi*.

Female. Length 2.8 mm., width 1.44 mm. Head: width .7 mm.; vertex .39 mm. Antennae: segment I, length .21 mm., greatest thickness .09 mm.; segment II, length .83 mm., greatest thickness .08 mm.; segment III, length .65 mm., slender; segment IV, length .17 mm., slender. Pronotum: length .61 mm., width at base 1.18 mm. Somewhat more robust than male but color and pubescence very similar.

Holotype: male, May 22, 1932, College Station, Texas (H. J. Reinhard).

Allotype: female, taken with the type.

Paratypes: 16 males and females, May 26, 1932, College Station, Texas (H. J. Reinhard); 3 males and 1 female, April 4, 1928, Huntsville, Texas (H. G. Johnston), found breeding on *Houstonia angustifolia* which is, no doubt, the host plant.

Eustictus albomaculatus n. sp.

Allied to *knighti* Johnston, but differs in the absence of long hairs on tibiae, shorter rostrum and much larger eyes.

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