

Descriptions of Six New Species of *Microphylellus* (Hemip.: Miridae).*

By HARRY H. KNIGHT, Ames, Iowa.

Microphylellus adustus n. sp.

Pale yellowish and darkened with brownish and fuscous; rather suggestive of *Plagiognathus delicatus* Uhler but lacking the fuscous spots on femora and tibiae.

♀. Length 3.4 mm., width 1.3 mm. Head: width .696 mm., vertex .38 mm.; fuscous brown above, tylus blackish. Rostrum, length 1.12 mm., extending to near hind margins of middle coxae, yellowish, apex blackish. Antennae: segment I, length .21 mm.; II, .74 mm.; III, .41 mm.; IV, .36 mm.; dusky brown, last two segments more fuscous. Pronotum: length .52 mm., width at base 1.11 mm.

Clothed with simple, fine yellowish pubescence. Pale yellowish to brownish, more or less behind each callus, scutellum except for lighter streak each side of median line, inner half of clavus and inner half of corium, triangular central area of propleura, and sides of venter, dark brown to fuscous. Cuneus uniformly pale yellowish brown. Membrane rather uniformly fusco-brownish, but darker within areoles. Legs yellowish, apical half of femora, and the tibiae, dark brownish.

Holotype: ♀, August 11, 1925, Ute Creek Ranch, Ft. Garland, COLORADO (H. H. Knight); author's collection. *Paratypes*: 2 ♀, taken with the type. ♀ July 24, 1900, Salida, Colorado (E. D. Ball).

MICROPHYLELLUS ADUSTUS binotatus n. var.

Differs from *adustus* in the paler color and distinct black spots, one behind each callus; pale, tylus, vertex, spot behind each callus, lateral margins of scutellum, inner margin of clavus, inner half of corium, and the membrane fuscous to black. Sternum, propleura except margins, epimera, ostiolar peritreme, and venter, blackish.

♂. Length 3.7 mm., width 1.24 mm. Head: width .71 mm., vertex .326 mm. Rostrum, length 1 mm., reaching upon middle of intermediate coxae. Antennae: segment I, length .24 mm.; II, 1.03 mm., equal in thickness to segment I; III, .53 mm.; IV, .37 mm. Pronotum: length .50 mm., width at base 1.03 mm.

*Contribution from the Department of Zoology and Entomology, Iowa State College, Ames, Iowa.