

A NEW SEMIUM FROM ARIZONA AND COLORADO (HEMIPTERA, MIRIDAE).¹

BY HARRY H. KNIGHT, Ames, Iowa.

The genus *Semium* was established by Reuter (1876) for a single new species, *hirtum*, from Texas. *Semium hirtum* Reut. has since been found to occur in several eastern states, breeding on *Euphorbia adenoptera*. The genus has remained monotypic until the present time, hence it is of more than ordinary interest to add a new species to this rather singular genus.

Semium subglaber n. sp.

Size and coloration suggestive of *hirtum* Reuter, but easily distinguished by the minute, appressed pubescence, and by the differently formed impressions on the scutellum.

♂. Length 2.6 mm., width 1 mm. Head: width .60 mm., vertex .32 mm.; sculpturing much as in *hirtum*, but glabrous. Rostrum, length .74 mm., scarcely attaining posterior margin of sternum, brownish, apex blackish. Antennae: segment I, length .19 mm.; II, .69 mm.; III, .56 mm.; IV, missing. Pronotum: length .55 mm., width at base 1 mm.; sculpturing of the disk differs from *hirtum*, marked with fewer but better defined, raised dark lines. Scutellum dark, a pair of small, rounded impressions of different color within the triangular depression on disk; lateral margins with an elongate, sharply defined impression, a smaller spot at basal angle.

Clothed with minute, appressed pubescence which is apparent only under strong magnification (34 diam.). Coloration suggestive of *hirtum*, but the reddish tints are here largely dark brownish black; cuneus uniformly, opaque whitish, apex never dark; clavus dark brownish black, margin along claval suture opaque creamy white like the corium; apical one-third of embolium and outer apical area of corium occupied by a nearly quadrangular black spot, leaving inner apical angle of corium white. Membrane and veins uniformly black, opaque, a white spot on vein at apex of smaller areole, and contiguous with the white cuneus. Legs brownish black, the hind femora white with narrow base and apical one-third blackish, a corresponding pale area is much obscured on the intermediate pair. Sides of venter and the pleura tinged with

¹ Contribution from the Department of Zoology and Entomology, Iowa State College, Ames, Iowa.

reddish which is apparent beneath a dull, opaque pale ground color.

♀. Length 2.6 mm., width 1.1 mm. Head: width .65 mm., vertex .38 mm. Antennae: segment I, length .20 mm.; II, .77 mm., pale to reddish; III, .60 mm.; IV, .33 mm. Pronotum: length .62 mm., width at base 1.09 mm. Pubescence and form of body very similar to the male, but head, pronotum and legs much paler; the raised lines on pronotal disk not darkened.

Holotype: ♂, September 13, 1925, Oracle, Arizona, alt. 4,500 feet (A. A. Nichol); author's collection. *Allotype*: same date as the type. *Paratypes*: ♂, taken with the types. ♂ ♀, June 15, 1900, Pueblo, Colorado (E. D. Ball). ♂, August, Los Angeles County, California (Coquillett); U. S. N. M. collection.

Mr. Nichol collected this species on an undetermined *Euphorbia*.