

Allotype: same data as type.

Paratypes: 3 ♂ 2 ♀, taken with the types by sweeping mixed herbage along the roadside between Roosevelt Lodge and Mammoth Hot Springs, on the high, treeless, plateau area. ♀ June-Aug. 1907, Cheyenne, Wyoming (Fanny T. Hartman). ♂, Lethbridge, Alberta (W. Carter).

***Hadronema bispinosa* new species.**

Allied to *picta* Uhler, but distinguished in the male by two strongly developed spines situated at the base of front femora on ventral surface; also differs in the paler color, longer second antennal segment, with femora yellow and marked with blackish.

♂. Length 3.4 mm., width 1.1 mm. Head: width .80 mm., vertex .44 mm.; white to yellowish, tylus, two broad arcuate rays each side of frons and joining at base to include carina and collum, black. Rostrum, length .89 mm.; reaching upon base of middle coxae, white, apical half blackish. Antennae: segment I, length .28 mm.; II, .89 mm.; III, .83 mm.; IV, .37 mm.; black. Pronotum: length .63 mm., width at base .98 mm.

Dorsum clothed with prominent black hairs much as in *picta*. Coloration yellowish to white, calli, spot at top of coxal cleft, base of scutellum more or less, clavus, apical area of corium, inner basal angle of cuneus, and sternum, black. Membrane fuscous, veins and anal area black. Coxae yellowish to white, with black at base; femora yellowish to orange colored, spotted near base, front pair with linear row of spots before and behind, hind pair with blackish apically; hind tibiae black, front pair orange except tip. Front femora strongly swollen, projecting at base on ventral surface and provided with two prominent, slightly curved spines.

♀. Length 3.7 mm., width 1.4 mm. Head: width .87 mm., vertex .50 mm. Rostrum, length 1 mm., reaching to base of middle coxae. Antennae: segment I, length .28 mm.; II, .93 mm.; III, .81 mm.; IV, .40 mm. Pronotum: length .66 mm., width at base 1.18 mm.

Holotypes ♂ July 31, 1927, Moorecroft, Wyoming (H. H. Knight); author's collection.

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Paratypes: 66 ♂ ♀, taken with the types on *Petalostemum multiflorum* Nutt., which was the host plant of the species. WYOMING—20 ♂ ♀ July 20, Sundance; ♂ Aug. 1, Kendrick; 22 ♂ ♀ Aug. 3, Sheridan; 15 ♂ ♀ Aug. 16, 1927, Greybull (H. H. Knight). COLORADO—♀ June 29, 1901, Fort Collins. SOUTH DAKOTA—♂ 2 ♀ July 29, 1927, Deadwood (H. H. Knight).

***Hadronema sinuata* new species.**

Suggestive of *splendida* Gibson, but distinguished by the strongly sinuate margins of pronotum, also by the different coloration.

♀. Length 3.8 mm., width 1.3 mm. Head: width .90 mm., vertex .53 mm.; vertex and frons tumid, carina strongly developed, set with six bristles, deeply impressed bordering its front edge; orange colored, tylus except base and side margins, spot on apex of lora, broadly on frons except median line, extending back over vertex to carina and collum, blackish. Rostrum, length 1.05 mm., just attaining hind margin of sternum, blackish, first two segments orange to pale. Antennae: segment I, length .25 mm.; II, .86 mm.; III, .81 mm.; IV, .41 mm.;