

♂. Length 3.8 mm. Head: width .86 mm., vertex .385 mm. Antennae: segment I, length .29 mm.; II, 1.15 mm.; III, .74 mm.; IV, .45 mm. Pronotum: length .59 mm., width at base 1.21 mm. Female very similar to the male in size and coloration.

Holotype: ♂ July 24, 1927, Kennebec, SOUTH DAKOTA (H. H. Knight); author's collection. *Allotype*: same data as type. *Paratypes*: 16 ♂ 22 ♀, taken with the types on buffalo berry (*Shepherdia argentea* Nutt.), but the fruit of these plants was yellow and not dark red like the Colorado plants which have been determined as the same species.

It seems rather significant that not a single specimen of the good series obtained, varies toward the dark color pattern of the typical *shepherdiae* from Colorado. Perhaps the form here described represents a race or subspecies, but it will take time and more work before we can be sure of the status of such closely related forms.

Plagiognathus luteus n. sp.

Distinguished by the uniformly orange-yellow color; first antennal segment, base and apex of segment II, line on dorsal margin of apical half of hind femora, knees and spots on tibiae, black; membrane uniformly pale fumate, veins of the same deep orange-yellow as the corium and cuneus. Tibial spines fuscous to black; tarsi apically, last two antennal segments and tip of rostrum, fuscous.

♂. Length 3.8 mm., width 1.3 mm. Head: width .70 mm., vertex .31 mm. Rostrum, length 1.3 mm., reaching to middle of hind coxae. Antennae: segment I, length .26 mm.; II, 1.12 mm.; III, .59 mm.; IV, .33 mm. Pronotum: length .52 mm., width at base 1.06 mm.

♀. Length 3.2 mm., width 1.5 mm. Head: width .68 mm., vertex .34 mm. Antennae: segment I, length .25 mm.; II, .95 mm.; III, .52 mm.; IV, .31 mm. Pronotum: length .49 mm., width at base 1.1 mm. Very similar to the male in coloration and pubescence.

Holotype: ♂ June 12, 1925, Williams, ARIZONA (A. A. Nichol); author's collection. *Allotype*: same data as the type. *Paratypes*: 16 ♂ 1 ♀, taken with the types on *Berberis fremontii* which is the host plant. Mr. Nichol states: "Recalling the yellow species of which there was a good series taken on