

DESCRIPTIONS OF FOURTEEN UNDESCRIBED
SPECIES OF PARTHENICUS (HEMIPTERA,
MIRIDÆ).*

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The following descriptions cover material collected by the writer during 1917, chiefly in Arizona, while a member of the Cornell University biological expedition, combined with material collected in the same state during 1924, by Mr. Andrew A. Nichol. Paratypes, where available, will be deposited in the Cornell University collection and in the Arizona Agricultural Experiment Station collection.

Parthenicus nicholi new species.

Allied to *vaccini* V. D., but distinguished by the opaque white color, paler femora with minute fuscous dots only, and by the orange red mark on membrane bordering inner apical angles of corium.

♂. Length, 2.7 mm., width 1.08 mm. Head: width .57 mm., vertex .28 mm. Rostrum, length 1 mm., reaching upon base of genital segment. Antennae: segment I, length .20 mm., white, a transverse black mark on dorsal surface at slightly beyond middle, formed by blackish occurring at base of three setae; II, .80 mm., pale, with seven to nine black dots strung out on dorsal surface; III, .54 mm., pale; IV, (shriveled) dusky. Pronotum: length .40 mm., width at base .91 mm. Color white, opaque, head yellowish, mesoscutum and base of scutellum dusky; nearly all pubescent hairs except those on head with a blackish dot formed at base, the spots larger and more prominent anteriorly and laterally on pronotal disk; membrane pale whitish, lateral margins with two fuscous spots much as in *vaccini*, but in addition with several pale fuscous spots on discal area; anal area fuscous, veins white, cubitus red at base which joins with small orange red area bordering inner apical angles of corium. Ventral surface yellowish to white, sternum dusky. Legs white, femora with minute fuscous dots which form at base of certain pubescent hairs, one larger subapical spot on dorsal area; tibial spines with prominent black spots at base, claws black. Dorsum clothed with suberect, white pubescence, and intermixed with prostrate, silvery sericeous pubescence, some of which changes to pale golden on corium;

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a tuft of black scales on corium at apex of clavus, also two or three smaller tufts of black scales along inner cuneal margin.

♀. Length, 2.6 mm., width, 1.08 mm.; slightly more robust than the male, but very similar in pubescence and coloration.

Holotype: ♂, June 11, 1924, Santa Catalina Mts., Arizona (A. A. Nichol); author's collection. *Allotype*: Same data as the type. *Paratypes*: 3 ♂, 3 ♀, taken with the types; found breeding on *Hyptis emoryi* by Mr. Nichol.

I take great pleasure in naming this beautiful little species after the collector, Mr. Andrew A. Nichol, who, in addition to being one of the Immortals at Bellou Wood, and still fighting to regain his health after being gassed in the war, is now proving himself an excellent collector and capable entomologist.

Parthenicus albellus new species.

Allied to *vaccini* V. D., but differs in the uniformly greenish white color, silvery white sericeous pubescence, with a tuft of black scales on corium at apex of clavus, and in the conspurcate membrane.

♂. Length 2.8 mm., width .97 mm. Head: width .54 mm., vertex .26 mm. Rostrum, length 1.2 mm., reaching upon base of genital segment. Antennae: segment I, length .18 mm., pale greenish, a transverse fuscous mark on dorsal surface at slightly beyond middle; II, .84 mm., pale, dorsal surface narrowly fuscous at base, also a spot situated at middle of basal half; III, .60 mm.; IV, .31 mm., dusky. Pronotum: length .34 mm., width at base .83 mm. Pale whitish, tinged with green on head, pronotum, and ventral surface; membrane white, thickly conspurcate with fuscous marks which coalesce more or less to form larger irregular spots, the largest dark spot on margin near apex, while a smaller one occurs just beyond apex of cuneus; veins white. Legs white, femora with pale fuscous dots and marks; tibiae with fuscous spot at base of each spine, but spots nearly obsolete on hind pair. Dorsum clothed with simple, suberect pale pubescence, longest on head, margins of pronotum, and costal margins; intermixed with prostrate, silvery sericeous pubescence, with a few pale golden yellow sericeous hairs on corium; a tuft of black scales on corium at apex of clavus, also a few darker scales at middle of inner margin of cuneus.

♀. Length 2.6 mm., width 1.08 mm.; more robust than the male with costal margin slightly arcuate, but very similar in pubescence and coloration.

Holotype: ♂, October 21, 1924, Pima Co., Arizona, (A. A. Nichol); author's collection. *Allotype*: Same data as the type. *Paratypes*: 7 ♂ ♀, taken with the types.

Parthenicus selectus new species.

Allied to *nicholi*, but differs in having discal area of membrane uniformly white and in lacking the orange red color bordering anal area; pronotal disk and hind femora with a few red dots; antennal segment II with obsolete fuscous dots.

♂. Length 3.5 mm., width 1.36 mm. *Head*: width .60 mm., vertex .26 mm. Rostrum, length 1.17 mm., reaching upon fifth ventral segment. Antennæ: segment I, length .21 mm.; II, .94 mm.; III, .60 mm.; IV, .31 mm.; segment II with two or three obsolete fuscous dots near base, not distinctly marked with several black spots as in *nicholi* or *vaccini*. Pronotum: length .41 mm., width at base, 1 mm. Coloration very suggestive of *nicholi*, but ground color paler white; membrane uniformly white on disk, having only two fuscous areas each side on the margin; pronotal disk anteriorly, vertex, and hind femora bearing reddish dots, the femora also with fuscous points on apical half. Dorsum clothed with simple white pubescence as in *nicholi*, but more thickly intermixed with prostrate, golden and silvery sericeous pubescence, without black scales behind apex of clavus, although with dark bronze colored scales there and along inner margin of cuneus; basal half of scutellum with a few blackish scales each side mixed in with silvery sericeous pubescence.

Holotype: ♂, April 19, 1924, Tucson, Arizona, (A. A. Nichol); author's collection. *Paratypes*: 2 ♂, taken with the type. ♂, June 7, 1924, Tucson, Arizona, (A. A. Nichol).

Parthenicus pictus new species.

Allied to *giffardi* V. D., but size smaller, differs in the deeply colored roseate cuneus and apical area of corium, and by the silvery and golden sericeous pubescence.

♂. Length 2.9 mm., width 1.1 mm. *Head*: width .63 mm., vertex .23 mm. Rostrum, length 1.08 mm., reaching upon fifth ventral segment. Antennæ: segment I, length .18 mm.; II, 1.03 mm.; III, .64 mm.; IV, .33 mm.; pale greenish, last two segments dusky. Pronotum: length .46 mm., width at base .91 mm. Head, pronotum, and body beneath green, sternum, vertex, and sometimes on pronotal disk, yellowish; basal two-fifths of clavus and corium, scutellum and apical angle of corium roseate red, scutellum darker; apical half of clavus pale yellowish, apical half of corium pale fuscous. Membrane uniformly dark fuscous, slightly paler bordering cuneus, veins bright red. Dorsum clothed with prostrate, silvery sericeous pubescence; apical half of clavus except apex, clothed with golden sericeous pubescence, corium with inner apical edge, point on middle and one at basal angle of inner margin of cuneus, set with fuscous to golden scale-like pubescence, also a few similar hairs on scutellum; hemelytra with sparsely set fuscous

pubescent hairs intermixed with the sericeous pubescence, the simple hairs being more prominent and silvery white on head and anterior margin of pronotum. Legs green, apical half with red and fuscous markings over a paler ground; tibiae pale, with fuscous points at base of spines, hind pair with red points on basal two-fifths; tarsi dusky. Genital claspers tinged with red, form very near that of *psalliodes* Reuter.

♀. Length 2.8 mm., width 1.07 mm. Head: width .57 mm., vertex .31 mm. Antennae: segment I, length .18 mm.; II, .93 mm.; III, .64 mm.; IV, .34 mm. Slightly more robust than the male, but very similar in coloration.

Holotype: ♂, September 25, 1924, Santa Catalina Mts., Arizona (A. A. Nichol); author's collection. *Allotype*: August 19, 1924, Sierrita Mts., Arizona (A. A. Nichol). *Paratypes*: 3 ♂, 1 ♀, taken with the allotype. ♀, June 15, 1924, Santa Rita Mts., alt. 4,500 ft., Arizona (A. A. Nichol). ♀, October 21, 1924, Pima Co., alt. 3,000 ft., Arizona (A. A. Nichol). ♀, July 16, 1917, Post Creek Canyon, Bonita, Arizona (H. H. Knight). ♂, ♀, July 20, 1917, Texas Pass, Arizona (H. H. Knight).

Parthenicus oreades new species.

Allied to *giffardi* V. D., but differs in the golden sericeous pubescence on clavus and corium, and in the red dotted pronotal disk with similar dotted area on middle of corium opposite apical area of clavus.

♂. Length 3.7 mm., width 1.28 mm. Head: width .66 mm., vertex .28 mm. Rostrum, length 1.07 mm., reaching upon fourth or fifth ventral segments. Antennae: segment I, length .34 mm.; II, 1.14 mm.; III, .73 mm.; IV, .34 mm.; pale, segment I with a few minute flecks of red, apical segment scarcely dusky. Pronotum: length .51 mm., width at base 1.11 mm. Dorsum pale whitish, pronotal disk flecked with reddish, more thickly and with coalescing areas at sides; scutellum dark red, tip pale; clavus red at base for nearly length of scutellum, but edges breaking into dots; narrow base of corium and embolium, area on corium which includes apex of clavus, dotted with irregular flecks of red; inner apical angles of corium red, inner basal angles of cuneus thickly flecked with red. Membrane uniformly fuscous, a small clear spot by apex of cuneus; veins red, bordering apex of areoles white. Dorsum clothed with prostrate, silvery sericeous pubescence, clavus except base and apex, and corium largely except area surrounding apex of clavus, clothed with golden yellow sericeous pubescence; a smaller area at inner apical angles of corium as well as disk of scutellum, set with golden and blackish sericeous pubescence; head and margins of pronotum set with prominent white to yellow hairs. Head with sides and tylus chiefly red; sides of thorax reddish to fuscous, venter flecked with red on

the sides. Legs pale yellowish, femora with red, hind pair chiefly red, but broken by minute whitish reticulations; tibiae with red dots at base of spines, becoming obsolete on apical half.

♀. Length 3.3 mm., width 1.28 mm. Head: width .63 mm., vertex .36 mm. Antennae segment I, length .20 mm.; II, 1.03 mm.; III, .70 mm.; IV, .36 mm. Pronotum: length .48 mm., width at base 1. mm. Slightly more robust than the male, but very similar in coloration.

Holotype: ♂, July 18, 1917, Gowdy Creek Canyon, alt. 4,500 ft., Bonita, Arizona (H. H. Knight); author's collection.

Allotype: Taken with the type; Cornell University collection.

Paratypes: ♂, ♀, taken with the types. ♂, ♀, June 15, 1924, Santa Rita Mts., alt. 4,500 ft., Arizona (A. A. Nichol).

Parthenicus micans new species.

Suggestive of *oreades*, but size smaller, distinguished by the uniformly silvery white, scale-like pubescence on clavus and corium, with golden scale-like hairs only at inner apical angles of corium.

♂. Length 2.7 mm., width 1.14 mm. Head: width .63 mm., vertex .26 mm. Rostrum, length 1.06 mm., reaching upon fourth ventral segment. Antennae: segment I, length .18 mm.; II, .86 mm.; III, .57 mm.; IV, .31 mm., uniformly pale yellowish, scarcely dusky on last segment. Pronotum: length .43 mm., width at base .88 mm. Dorsum creamy white, cuneus more strongly yellow and flecked with bright red, sometimes nearly all red; lateral margins of pronotum, base of corium, and frequently base of clavus, flecked with red, sometimes with a few scattering flecks of red on middle of corium; head yellowish and tinged with red. Dorsum clothed with prostrate, silvery white, scale-like pubescence, scutellum with spot each side on basal half clothed with bronze-colored scale-like hairs, inner apical angles of corium clothed with bronze to golden scale-like hairs which continue along inner margin of cuneus, but with a few blackish scales at two points; whole dorsum intermixed with nearly erect pale pubescent hairs, but more prominent on head, margins of pronotum and hemelytra. Membrane uniformly fusco-brownish, a pale spot bordering apex of cuneus; veins bright red, a white spot at apex of larger areole. Legs pale to yellowish, femora with small red dots on apical half, hind pair thickly dotted with red to fusco-reddish; tibiae pale, with red dots at base of spines, but becoming obsolete on apical half, spines white, prominent, length of those near base equal to three times diameter of tibia. Sides of thorax and venter yellowish, dorsal half of propleura more or less red, sometimes the red showing on meso- and metapleura; venter pale pubescent, sides clothed with silvery white, scale-like pubescence.

♀. Length 2.6 mm., width 1.13 mm.; slightly more robust than the male, but very similar in pubescence and coloration.

Holotype: ♂, July 21, 1917, Santa Cruz river, Tucson, Arizona (H. H. Knight), collected at light; author's collection.

Allotype: Taken with the type; Cornell University collection.

Paratypes: 4 ♂, 4 ♀, taken with the types at light. 2 ♀, June 7, 1924, Tucson, Arizona (A. A. Nichol). ♀, July 20, 1917, Texas Pass, Arizona (H. H. Knight). ♀, July 2, 1917, Sabinal, Texas (H. H. Knight).

Parthenicus irroratus new species.

Size and color nearest to *psalliodes* Reut., but distinguished from all described species by the fuscous membrane with numerous white irrorate spots.

♂. Length 3.6 mm., width 1.03 mm. Head: width .61 mm., vertex .23 mm.; tylus very prominent, distinctly compressed. Rostrum, length .98 mm., just about attaining posterior margins of hind coxæ. Antennæ: segment I, length .27 mm.; II, .93 mm.; III, .74 mm.; IV, .33 mm.; pale yellowish and marked with reddish, segment I flecked with red, while segment II is more or less broadly tinged with red on apical half. Pronotum: length .43 mm., width at base .90 mm. Color pale testaceous and tinged with greenish, dorsum rather evenly flecked with reddish much as in *psalliodes*, cuneus darker on basal half; membrane fuscous, rather numerous marked with irrorate white spots, largest spots little greater than diameter of tibia. Dorsum clothed with suberect, simple, pale pubescence, longest on head and margins of pronotum; intermixed with golden and silvery pubescence, inner apical angles of corium and two points along inner margin of cuneus set with a few black scales; the fuscous basal half of scutellum also with a few dark scales. Sternum fuscous, pleura and coxæ greenish, venter greenish and rather thickly flecked with red. Femora marked with fuscous and fusco-reddish, the black marks and dots showing most clearly on dorsal aspect of apical half of hind femora, the ventral surface flecked with red; tibiæ pale, with red spots at base of spines.

♀. Length 2.9 mm., width 1.03 mm.; shorter and slightly more robust than the male, but very similar in pubescence and coloration.

Holotype: ♂, March 22, 1924, Tucson, Arizona (A. A. Nichol); author's collection. *Allotype*: July 16, 1917, Post Creek Canyon, Bonita, Arizona (H. H. Knight), collected at light.

Parthenicus rubrinervis new species.

Distinguished by the uniformly yellowish or greenish yellow color, pale pubescence, and pale fuscous membrane with bright red veins.

♂. Length 2.7 mm., width 1.1 mm. Head: width .66 mm., vertex .19 mm. Rostrum, length 1.11 mm., only slightly exceeding posterior margins of hind coxæ. Antennæ: segment I, length .20 mm.; II, .97 mm.; III, .57 mm.; IV, .32 mm.; uniformly pale yellowish. Pronotum: length .43 mm.; width at base .86 mm. Pale yellowish to greenish yellow, eyes reddish; membrane uniformly light fuscous, veins bright red; clothed with silvery white, sericeous or scale-like pubescence, two points on inner margin of cuneus with black scale-like hairs; the whole dorsum also clothed with longer, more erect, pale yellowish pubescent hairs. Legs pale yellowish, femora with minute pale fuscous ring around base of each hair; tibiæ with obscure fuscous spot at base of each spine; tarsi pale, claws black. Genital claspers distinctive, right clasper terminating with a slender acuminate point at apex of dorsal margin.

♀. Length 2.7 mm., width 1.17 mm.; slightly more robust than the male, but similar in pubescence and coloration.

Holotype: ♂, July 20, 1917, Texas Pass, Arizona (H. H. Knight); author's collection. *Allotype*: Same data as type. *Paratype*: ♂, taken with the types.

Parthenicus baccharidis new species.

Allied to *psalliodes* Reut., but distinguished by the general pale color, impunctate hind tibiæ, although with minute fuscous dots on hind femora; silvery pubescent, but with golden sericeous pubescence on clavus and corium.

♂. Length 2.7 mm., width 1.03 mm. Head: width .63 mm., vertex .23 mm. Rostrum, length 1 mm., scarcely exceeding posterior margins of hind coxæ. Antennæ: segment I, length .20 mm.; II, .88 mm.; III, .63 mm.; IV, .33 mm. Pronotum: length .43 mm., width at base .86 mm. Color pale testaceous white, eyes reddish, basal half of scutellum slightly darkened, also dusky at inner apical angles of corium; membrane uniformly pale fuscous, veins pale, two orange flecks on apex of areoles. Femora with minute fuscous dots, one at base of each pubescent hair, obsolete ventrally; intermediate femora with reddish marks appearing on ventral surface; tibiæ pale, with fuscous dots at base of spines except on hind pair. Clothed with pale to yellowish simple pubescence, intermixed with more thickly set, prostrate, silvery sericeous pubescence, clavus except base and apex, corium, and cuneus, set with golden sericeous pubescence; inner apical angles of corium and inner margin of cuneus set with bronze to dusky scale-like pubescence. Genital claspers very similar to those of *psalliodes* Reuter.

♀. Length 2.7 mm., width 1.08 mm. Head: width .57 mm., vertex .28 mm. Antennæ: segment I, length .18 mm.; II, .91 mm.; III, .60 mm.; IV, .31 mm. Pronotum: length .40 mm., width at base .86 mm. Similar to the male in pubescence and coloration.

Holotype: ♂, July 23, 1917, Sabino Canyon, Alt. 3,000 ft., Tucson, Arizona (H. H. Knight); author's collection. *Allotype*: Same data as the type. *Paratypes*: ♂, 4 ♀, taken with the types and found breeding on *Baccharis emoryi*.

Parthenicus rubromaculosus new species.

Allied to *psalliodes* Reut., but size smaller; differs in the densely red-flecked hemelytra combined with nearly pale pronotum; inner apical angles of corium without fuscous or dark pubescence.

♂. Length 2.5 mm., width 1 mm. Head: width .57 mm., vertex .27 mm. Rostrum, length 1.11 mm., reaching upon fifth ventral segment. Antennæ: segment I, length .18 mm.; II, .80 mm.; III, .57 mm.; IV, .31 mm.; pale yellowish, last two segments dusky. Pronotum: length .40 mm., width at base .86 mm. Head and pronotum pale to yellowish, head and margins of pronotum obsoletely flecked with reddish yellow; scutellum and hemelytra densely flecked with light red, the flecks coalescing to form larger irregular spots; cuneus thickly flecked like the corium, but with brighter red. Membrane fusco-brownish, paler bordering cuneal margin, veins bright red, a pale point at apex of larger areole. Dorsum clothed with pale to yellowish simple pubescence, intermixed with silvery sericeous pubescence, but chiefly golden sericeous pubescence on hemelytra; inner margin of cuneus with point at middle and one at base with a few darker scale-like hairs. Legs yellowish, femora flecked with red points, the hind pair with numerous minute pale fuscous points, one at base of each pubescent hair; tibial spines pale, with red points at base, although nearly obsolete on hind pair.

♀. Length 2.5 mm., width 1.11 mm.; slightly more robust than the male, but very similar in pubescence and coloration.

Holotype: ♂, July 20, 1917, Texas Pass, Arizona (H. H. Knight); author's collection. *Allotype*: Taken with the type at light; Cornell University collection. *Paratypes*: 8 ♂ ♀, taken with types. ♂, August 29, 1924, Santa Rita Mts., alt. 4,500 ft., Arizona (A. A. Nichol).

Parthenicus rufusculus new species.

Allied to *psalliodes* Reut., but size slightly larger; distinguished by the general fusco-reddish coloration.

♂. Length 3.6 mm., width 1.43 mm. Head: width .71 mm., vertex .23 mm. Rostrum, length 1.29 mm., reaching upon the fourth ventral segment, reddish orange, fuscous apically. Antennæ: segment I, length .21 mm.; II, 1.08 mm.; III, .61 mm.; IV, broken; yellowish with

a tinge of reddish, rather uniformly clouded by fuscous. Pronotum: length .53 mm., width at base 1.17 mm. Coloration fusco-reddish, an orange red hypodermal color clouded over by fuscous, cuneus more distinctly red, scutellum distinctly blackish, in darkest specimens the dorsum rather uniformly fuscous, which nearly obscures the reddish; thorax and coxæ rather uniformly fuscous, venter greenish yellow and darkened with fuscous. Legs greenish yellow to reddish, femora darkened by numerous small fuscous points, one such spot at base of each pubescent hair; tibial spines yellowish, a fuscous point at base of each. Membrane uniformly fuscous, a narrow pale area at apex of cuneus; veins orange red, a pale point on apex of larger areole. Dorsum clothed with prostrate, golden yellow sericeous or scale-like pubescence, some turning to black at inner apical angles of corium and along inner margin of cuneus, the whole dorsum more sparsely clothed with suberect, simple yellowish pubescence.

♀. Length 3.4 mm., width 1.2 mm. Head: width .63 mm., vertex .31 mm. Antennæ: segment I, length .17 mm.; II, .87 mm.; III, .58 mm.; IV, .33 mm. Pronotum: length .46 mm., width at base 1 mm. Shorter and slightly more robust than the male, but very similar in pubescence and coloration.

Holotype: ♂, April 5, 1924, Tucson, Arizona (A. A. Nichol); author's collection. *Allotype*: Same data as type. *Paratypes*: ♂, February 9, 2 ♀, February 16, ♀ April 5, ♀ April 12, 1924, Tucson, Arizona, (A. A. Nichol).

Parthenicus aureosquamis new species.

Evidently most closely related to *percroceus* V. D., but differs in the golden, scale-like pubescence of the dorsum; veins of membrane red, their apex white; femora with fine pale fuscous dots, these spots becoming reddish on ventral surface.

♂. Length 2.8 mm., width 1.08 mm. Head: width .66 mm., vertex .24 mm. Rostrum, length, 1.14 mm., reaching upon fifth ventral segment. Antennæ: segment I, length .20 mm.; II, .86 mm.; III, .54 mm.; IV, .27 mm.; yellow, sometimes tinged with reddish. Pronotum: length .43 mm., width at base .91 mm. Color reddish yellow to orange red, in darkest specimens the hemelytra except embolium becoming strongly red; scutellum slightly darker than clavus. Membrane uniformly fuscous, veins red, a white point at apex of areoles. Dorsum clothed with golden yellow simple pubescence, intermixed with thickly set, prostrate, sericeous and scale-like golden pubescence, membrane margin and a tuft at inner apical angles of corium, set with darker scale-like pubescence; a transverse area across apex of clavus and reaching middle of corium, inner basal angles of cuneus, claval margins of scutellum, and anteriorly on pronotum, set with silvery scale-like pubescence. Ventral surface and legs yellowish to reddish

yellow, hind femora darkened with numerous, minute pale fuscous points; tibial spines yellowish, a fuscous spot at base of each, becoming obsolete on hind tibiae.

♀. Length 2.7 mm., width .86 mm.; more robust than the male, but very similar in pubescence and coloration.

Holotype: ♂, July 20, 1917, Texas Pass, Arizona (H. H. Knight); author's collection. *Allotype*: Taken with the type; Cornell University collection. *Paratypes*: 22 ♂ ♀, taken with the types at trap light. ♂, July 16, 1917, Post Creek Canyon, Bonita, Arizona, (H. H. Knight). 8 ♂ ♀, June 7, 1924, Tucson, Arizona, (A. A. Nichol), on *Covillea* sp. ♂, July 21, 1917, between Texas Pass and Tucson, Arizona, (H. H. Knight), on *Covillea* sp. 5 ♂, July 13, 1917, Lordsburg, New Mexico, (H. H. Knight), at light. ♂, July 28, 1914, El Paso, Texas, (J. C. Bradley).

Parthenicus rufivenosus new species.

Distinguished from all other described species by the bright green hemelytra with fuscous membrane and red veins.

♀. Length 3.4 mm., width 1.34 mm. Head: width .66 mm., vertex .37 mm. Rostrum, length 1.21 mm., extending slightly beyond hind margins of posterior coxae. Antennae: segment I, length .28 mm.; II, 1.10 mm.; III, .77 mm.; IV, .38 mm.; greenish yellow, last segment dusky. Pronotum: length .51 mm., width at base 1.01 mm. Color greenish yellow, hemelytra and basal half of pronotum bright green, inner margin of cuneus bordering smaller areole bright red; membrane uniformly fuscous, slightly paler bordering apex of cuneus, veins bright red. Dorsum clothed with prostrate, silvery and dark bronze, sericeous pubescence, and intermixed with pale, more erect simple pubescence. Legs and ventral surface uniformly greenish yellow, tibiae impunctate.

♂. Length 3.3 mm., width 1.26 mm. Similar to the female in pubescence and coloration. Antennae and one wing mutilated in this specimen. Genitalia distinctive, the right clasper V-shaped, the apical half slightly more slender than basal half, slightly flattened and acuminate at tip.

Holotype: ♀, July 18, 1917, Gowdy Creek Canyon, Bonita, Arizona, (H. H. Knight); author's collection. *Allotype*: ♂, June 15, 1924, Santa Rita Mts., Arizona, (A. A. Nichol); author's collection. *Paratypes*: ♀, taken with type. ♀, taken with the allotype.

Parthenicus cuneotinctus new species.

Aspect of *rufivenosus*, but paler green in color; veins in membrane pale and spotted with red, cuneus broadly tinted with roseate-red; tibial spines with fuscous spots at base.

♀. Length 2.6 mm., width 1.06 mm. Head: width .56 mm., vertex .34 mm. Rostrum, length 1.04 mm., reaching to fifth ventral segment. Antennæ: segment I, length .20 mm.; II, .83 mm.; III, .54 mm.; IV, .31 mm. Pronotum, length .40 mm., width at base .91 mm. Color pale green, obsoletely maculated with pale yellow; head, anterior margin of pronotum, scutellum, and embolium, paler. Cuneus largely tinted with roseate-red. Membrane pale fuscous, paler within areoles and at apex of cuneus; veins pale to white, flecked with red. Pale pubescent, more densely clothed with prostrate, silvery scale-like pubescence; area on middle of corium and clavus, and inner apical angles of corium, clothed with golden scale-like pubescence, a few darker scales forming a point at middle of inner margin of cuneus and on basal angle. Ventral surface pale to greenish, venter pale pubescent and intermixed with silvery scale-like pubescence. Legs pale greenish, apical half of hind femora with pale yellow showing at base of pubescent hairs, a few obsolete or pale fuscous points on dorsal surface; tibial spines pale with fuscous spot at base of each, the spots more brownish on hind pair.

Holotype: ♀, August 19, 1924, Sierrita Mts., Arizona, (A. A. Nichol); author's collection. Mr. Nichol found this specimen on *Croton corymbulosus*.