

line fuscous and the sagitate apex white. Elytra cinereous or brown with a darker, usually irrorate, area along the claval suture and on the radial vein and costa; apical polished area angulate, pale, and invading the base of the cuneus; margins of the cuneus variegated with black and pale. Membrane about as in *plenus*; white, rather closely and evenly irrorate with fuscous but shading darker toward its base; margin darker, alternated with two white spots beyond tip of cuneus; nervures brownish, the radial sometimes blackish. Beneath fuscous-brown; coxæ and sometimes disk of venter pale. Legs fuscous, irrorate with whitish and sometimes pale at base; hind femora with an oblique pale subapical vitta and in the female a pale ray from the base to near the middle; tibiæ showing three, more or less distinct, pale bands, one, before the middle of the hind pair, unusually distinct. Antennæ fuscous; basal segment irrorate with pale; extreme base of second and third segments white, the second without a pale median annulus.

Described from three male and eleven female examples taken at the following localities: Yosemite, Calif., June 16, 1916; Fallen Leaf Lake, Calif., August 21, 1916, 6300 feet; Tallac, Calif., August 22, 1916, 6000 ft., Soda Springs, Nevada County, Calif., 6800 ft., August 24, 1916; all taken by Mr. Walter M. Giffard; Bright Angel Camp, Ariz., 6900 ft., H. F. Wickham, and Pine Hill in the Cuyamaca Mountains, San Diego County, Calif., Oct. 19, 1913, 4300 ft., taken by myself.

Holotype (No. 399), male, and allotype (No. 400), female, from Yosemite, in collection of the California Academy of Sciences.

Paratypes in collection of Mr. Walter M. Giffard and in that of the author.

#### 14. *Phytocoris hirtus*, new species

Aspect of *plenus* but readily distinguished from that and other allied forms in having the upper surface clothed with unusually long hairs, especially upon the legs. Length  $8\frac{1}{2}$  mm.

Head oblique, produced before the eye for a distance about equal to the greatest length of the eye; cheeks tumidly convex but somewhat less so than in *inops*; Vertex convex and swollen along the line of the clypeus much as in *inops*. Rostrum reaching well on to the third ventral segment. Antennæ slender; first segment as long as basal width of pronotum, slightly thickened basally; second segment nearly twice the length of first; third and fourth together as long as second; first sparsely clothed with long pale hairs which are at least twice as long as the thickness of the segment. Pronotum long and well narrowed anteriorly as in *plenus*, the sides a little convex; hind edge a little emarginate; collum distinct; callosities small and inconspicuous. Elytra long with the costa slightly arcuated; venter reaching to tip of cuneus. Upper surface and head clothed with nearly erect brown hairs which are almost as long as the thickness of the hind tibiæ and are interspersed with short scale-like deciduous hairs. Legs clothed with soft pale hairs as long as the thickness of the anterior femora.