

long; its length a little more than half its basal width; the sides straight, with the anterior angles scarcely rounded. Rostrum attaining the posterior coxae, first joint reaching base of the head. Oviduct of the female long.

Color deep black, polished above, clothed with conspicuous white hairs; base of vertex with a fulvous sinuate line which (as in *politus*) simulates a carina; third and fourth antennal joints obscure castaneous, their bases narrowly blackish. Tibiae above obscure whitish, bristles and dots at their base black. Membrane almost as deeply colored as the corium, marked with a small pale spot next the tip of the cuneus, invading more or less the apex of the nervures. Osteolar orifice soiled white.

Described from twelve examples representing both sexes. Eight of these were taken by Mr. Fordyce Grinnell at Pasadena, California, June 5, 1909, and four I took about the upper end of Fallen Leaf Lake in July.

***Bolteria picta hirta* new subspecies**

Smaller and darker-colored than *picta*, clothed with stiff black hairs; dull yellowish-green, most of the head, two transverse bands on the pronotum, scutellum in part, inner margins of the clavus, a broad distal vitta on the corium, an oval spot on the cuneus and most of the lower surface black; femora dull fulvous, marked with large fuscous dots in longitudinal series. Length 4 mm.

Head shorter and less prominent than in *picta*. Vertex a little depressed before the base, which is thickened but hardly carinate. Front convex, polished. Antennae shorter than in *picta*; first segment but little surpassing the clypeus; third and fourth together subequal to second. Pronotum, scutellum and elytra as in *picta*, impunctate, polished, clothed with stiff black hairs which are somewhat longer and more dense on the head. Rostrum attaining the intermediate coxae.

Color a soiled greenish-yellow. Head polished black; a point next the inner angle of the eye and base of the vertex fulvous, median line of the front sometimes pale. Antennae and rostrum black, extreme apex of first antennal joint pale. Pronotum marked with a broad transverse band on the callosities and a narrower one on the hind margin, black. Incised line on scutellum black. Narrow scutellar and commissural margin of clavus, a broad longitudinal vitta on corium, a short mark within the costa placed near the apex and a large oval spot covering the disk of the cuneus, black. Membrane infuscated, a cloud in the apical areole and a curved ray beyond deeper black. Beneath black, polished, osteolar region and the lower margin of propleura whitish. Legs obscure fulvous, femora infuscated at base and apex and dotted with blackish in longitudinal series; tibial bristles black springing from small black points.

Described from eight female examples beaten from sagebrush (*Artemisia*) on the shore of Fallen Leaf Lake near the Lodge