

become obsolete about half way between suture and scutellum, and a heavier lateral vitta which is interrupted at suture; scutellum brassy pollinose. Abdomen shining black, bases of second to anal segments broadly silvery pollinose with a brassy tinge, also sides of first segment; first segment with a lateral macrochæta and bristles, and a median marginal pair; second with a lateral one, and a median marginal and discal pair; third with a median discal pair and a marginal row of about eight; anal segment with a discal and marginal row. Legs black, tibiæ rufous, bristly, femora silvery on outside, claws and pulvilli quite elongate, pulvilli yellowish. Wings grayish hyaline, tegulæ whitish, halteres yellowish.

Length of body, $8\frac{1}{2}$ mm.; of wing, 7 mm.

Described from one specimen; Penna. (C. W. Johnson).

Polidea americana, n sp., ♂.

Eyes nearly black, pubescent; frontal vitta black, one-third width of front, front one-third width of head; one orbital bristle on left side, none on right; frontal bristles descending below base of third antennal joint; sides of front shining dark green as far down as lowest frontal bristles; sides of face and facial depression silvery-pollinose; cheeks and occiput shining dark green; antennæ and arista deep black, third antennal joint wide, two and a half times as long as second; proboscis brownish, palpi pale rufous, darker at base. Thorax, scutellum and abdomen dark metallic green; first segment with a lateral marginal macrochæta amongst other bristles; second with a median discal and marginal pair, and a lateral marginal and discal one, or pair; third with a median discal and lateral discal pair, and a marginal row; anal with a discal and marginal row; hypopygium somewhat brownish. Legs black, knees hardly rufous, claws and pulvilli only a little elongate. Wings slightly grayish, nearly hyaline, veins yellow, third vein spined nearly or greater way to small cross-vein; tegulæ nearly white; halteres rufous, knobs black.

♀. Differs as follows:—Frontal width about the same, two orbital bristles (only one on right side in one specimen); third antennal joint not widened. Claws and pulvilli not quite so long; front tarsal joints widened.

Length of body, ♂ 6 mm., ♀ $5\frac{1}{2}$ to $5\frac{2}{3}$ mm.; of wing, ♂ 4 mm., ♀ $4\frac{1}{3}$ to $4\frac{1}{2}$ mm.

Described from one male and two females; Constantine, Mich., August 24. I have also a ♂ from Orono, Maine (Harvey), which I doubtfully refer to this species. It has no orbital bristles, and the apical cell is very narrowly open. It measures $5\frac{1}{3}$ mm.