

5. *Mystacella solita*, sp. n., ♂ ♀.

Head yellow; front very prominent; thorax yellowish-cinereous, with black stripes; scutellum cinereous; abdomen grey, with blackish reflecting spots; antennæ and legs black; palpi rufous.

Length 11.5 millim.

Front very prominent, in both sexes broad, on the vertex as broad as the eyes; frontal band blackish-brown, nearly as broad as the sides, which are pale ochraceous with a yellowish-brown reflection; frontal bristles on both sides in a single row, descending as far as the end of the second antennal joint; cheeks broad, of the same coloration as the sides of the front, beneath the eyes with a deep impression and a castaneous reflection; median portion of the face whitish, with brown reflections; oral margin white and somewhat silvery; eyes not descending beneath the vibrissæ, covered by a short yellowish pile. Antennæ shorter than the face, black, the basal joints slightly rufous; second joint bristly; third joint three times as long as the second; arista thickened on the proximal half. Proboscis black, the terminal lips with yellowish hairs; palpi rufous. Thorax yellowish-grey, with four narrow black stripes, the outer stripes interrupted at the transverse suture; scutellum cinereous, unicolorous except a small brownish spot, which sometimes appears near the hind margin. Abdomen ovate, whitish-grey; first segment black; the following segments with blackish reflecting spots and black hind borders; macrochætæ on the hind borders of the segments; ventral face blackish. Legs black, slender, though not very long; foot-claws and pulvilli elongate in the male; pulvilli pale yellow; middle tibiæ with some long bristles; hind tibiæ outwardly nearly fringe-like with bristles. Tegulæ white; wings greyish-hyaline, somewhat yellowish on the base and costa; small cross-vein on the middle of the discal cell; apical cross-vein nearly straight; posterior cross-vein slightly curved.

Hab. MEXICO, Chilpancingo 4600 feet, and Amula 6000 feet in Guerrero (*H. H. Smith*).

A male specimen from the former, a female from the latter locality. The female is of a much smaller size (7.5 millim.); but I have no doubt that it belongs to this species, as it agrees in all the characters with the male, except that it has the thorax and scutellum somewhat more ochraceous.

6. *Mystacella adjuncta*, sp. n., ♂.

Grey; scutellum yellowish-cinereous; abdomen with blackish reflections; antennæ and legs black; palpi rufous.

Length 9.5 millim.

Head whitish-grey, with blackish reflections; front slightly prominent, scarcely narrowed behind, and there nearly as broad as the eyes; frontal band black; frontal bristles descending on both sides in a single row to the end of the second antennal joint; eyes with yellowish pile, and descending to beneath the vibrissæ; beard white. Antennæ nearly as long as the face; second joint short, bristly; third joint five or six times as long as the second; arista thickened on less than the proximal half. Proboscis black, the terminal lips with yellow hairs; palpi rufous. Thorax grey, with indistinct dark stripes, the most conspicuous of which are two median lines; scutellum yellowish-cinereous, the base sometimes appearing blackish. Abdomen elongate-oval; first segment black; the following segments grey with blackish reflections and black hind borders; macrochætæ at the hind margins of the segments and several on the anal segment. Middle tibiæ with some long bristles; hind tibiæ outwardly with a row of bristles and a longer bristle beneath the middle; foot-claws and pulvilli elongate, the pulvilli yellowish. Tegulæ whitish. Wings greyish-hyaline; small cross-vein a little before the middle of the discal cell; apical cross-vein nearly straight; posterior cross-vein slightly curved.

Hab. MEXICO, Chilpancingo in Guerrero 4600 feet (*H. H. Smith*).

A single male specimen.