

### 7. *Mystacella tessellata*, sp. n., ♂ ♀.

Greyish-cinereous; antennæ, legs, frontal band, and four stripes on the thorax black; palpi pale rufous; scutellum testaceous; abdomen with blackish reflecting spots, in the male laterally testaceous; anal segment rufous.

Length 7.5 millim.

Head yellowish-grey with brown reflections; front in the male much narrowed behind (more than in the preceding species), in the female broader than the diameter of the eyes; frontal band over its whole length of equal breadth; frontal bristles short, descending to the number of four beneath the root of the antennæ: cheeks bare; eyes densely pilose. Antennæ much shorter than the face; third joint rather broad, twice as long as the second. Thorax whitish-grey, with four black stripes; in the male usually with a conspicuous fifth or median stripe; the portion before the scutellum bluish in tint. Abdomen grey (laterally testaceous or rufous in the male), with irregular dark brown or blackish reflecting spots and an interrupted black dorsal line; third segment with a narrow white front margin; anal segment rufous, with grey or yellowish reflecting spots, and densely beset with black hairs; in the female two long macrochætæ on the hind margin of the second segment; in both sexes there is a row of similar macrochætæ on the hind margin of the third segment. Legs black; femora with many bristles, which are regularly arranged on the front pair; front tibiæ outwardly with a row of bristles; middle tibiæ with some long and robust bristles; hind tibiæ with the outer bristles almost fringe-like, in the female with a longer bristle beneath the middle; foot-claws and pulvilli elongate in the male; pulvilli greyish. Tegulæ whitish. Wings greyish-hyaline; small cross-vein before the middle of the discal cell; apical cross-vein very slightly concave; posterior cross-vein distinctly curved.

*Hab.* MEXICO, Amula 6000 feet, Xucumanatlan 7000 feet, and Omilteme 8000 feet, all in Guerrero, Cuernavaca in Morelos (*H. H. Smith*).

Several male and two female specimens.

A male example, captured by Mr. Smith at Venta de Zopilote (Guerrero, 2800 feet), is of a much larger size (13 millim. in length), but agrees very closely with the description given above; it has, however, the frontal bristles still shorter than in the normal specimens, and the outside of the hind tibiæ more densely fringed. Perhaps it may belong to a distinct species.

The males of *M. tessellata* bear a striking resemblance to *M. rubriventris*, but are recognizable by their more prominent front and the eyes not descending beneath the vibrissæ.

### 8. *Mystacella postera*, sp. n., ♀.

Yellowish-grey; head and anal segment ochraceous; thorax with four black stripes; hind margin of the scutellum rufous; abdomen with blackish reflecting spots; antennæ and legs black, the posterior tibiæ dark rufous; palpi rufous.

Length 8.5 millim.

Head bright ochraceous, partly with brown reflections; front slightly prominent, notably broader than the eyes; frontal band blackish, broad, but sometimes evanescent; frontal bristles widely remote from each other, on both sides descending in a curved row to beneath the second antennal joint; above the vibrissæ four shorter bristles which mount on to the facial ridges; eyes short-haired. Antennæ black; second joint bristly; third joint two and a half times longer than the second; arista thickened on the proximal half. Proboscis black; palpi rufous. Thorax grey, with four distinct broad black stripes; scutellum cinereous, with the hind margin pale rufous. Abdomen ovate, grey, with irregular blackish reflecting spots; the sides yellowish; anal segment bright ochraceous; two dorsal macrochætæ on the hind margin of the first and second segments; a row of macrochætæ on that of the third segment; anal segment with several macrochætæ. Legs black, the femora with grey reflections; middle and hind tibiæ dark rufous; middle tibiæ outwardly with three long bristles; hind tibiæ with several bristles of unequal