

length. Tegulæ white. Wings greyish-hyaline; small cross-vein nearly on the middle of the discal cell; apical and posterior cross-veins curved.

Hab. MEXICO, Xucumanatlan in Guerrero 7000 feet (*H. H. Smith*).

A single female specimen.

9. ***Mystacella fuscicostalis***, sp. n., ♂. (Tab. III. figg. 5, 5 a, head in profile, ♂.)

Ochraceous; frontal band, four thoracic stripes, hind margins of the abdominal segments, antennæ, and legs black; wings infuscated at the base and along the costa.

Length 10 millim.

Allied to the two preceding species, but distinguished by the bright ochraceous tomentum and the total absence of violet or metallic coloration. Head ochraceous, with brown reflections; the central portion of the face yellowish-white; frontal bristles descending on both sides in a single row; the bristles above the vibrissæ more numerous and reaching to about one third of the face. Antennæ entirely black. Palpi black, more or less rufous towards the tip. The black thoracic stripes rather broad; the pleuræ partly covered with a yellowish-grey tomentum; scutellum rufous. Abdomen bright ochraceous, with brown reflections; first segment black, the following segments with a rather narrow black hind border; macrochaetæ not very strong and scarcely rising between the dense black pile—on the second and third segments, however, they are conspicuous in the middle and on the hind margins; ventral face brown, with the front borders of the segments greyish. The brownish coloration at the base and along the costa of the wings is more intense than in *M. violacea* and *M. lineata*; the venation is similar to that of these two species.

Hab. MEXICO (*coll. Bellardi*); COSTA RICA, Cache and Irazu (*Rogers*).

Four male specimens have been received from Costa Rica. I have also seen a male example from Mexico in the collection of Prof. Bellardi.

10. ***Mystacella flavifrons***, sp. n., ♂ ♀.

Ochraceous; antennæ, legs, frontal band, four stripes on the thorax, and some large reflecting spots on the abdomen black; anal segment rufous.

Length 10–10.5 millim.

The front, the upper portion of the cheeks, the thoracic dorsum, and the scutellum covered with a bright ochraceous tomentum. Front prominent, narrowed behind, and there as broad as the diameter of the eyes, in the female a little broader; face retreating; frontal band blackish; beneath the frontal bristles the cheeks are beset with short hairs. Antennæ black, the basal joints sometimes more or less rufous; second joint bristly; third joint nearly four times as long as the second; arista thickened on the proximal half. Proboscis black; palpi dark rufous. Thoracic dorsum with four black stripes—the intermediate stripes attenuated towards the head and but little prolonged behind the transverse suture, the outer stripes broader, less regular, and not reaching the anterior margin of the thorax, but running over the whole length behind the suture; pleuræ greyish. Abdomen yellowish-grey; first segment black; on each of the second and third segments a pair of large black, somewhat reflecting, spots, which do not reach the anterior margin; anal segment rufous, with ochraceous tomentum on its front border; ventral face, except the anal segment, black, with the front margin of the second and third segments grey. Legs with many long bristles and hairs; foot-claws and pulvilli elongate in the male; the pulvilli brownish-grey. Tegulæ pale yellow. Wings greyish-hyaline; small cross-vein on the middle of the discal cell; apical and posterior cross-veins slightly curved.

Hab. MEXICO, Teapa in Tabasco (*H. H. Smith*).

Several specimens of both sexes.