

black stripes, which are slightly interrupted at the transverse suture, the outer stripes somewhat broader than the others; scutellum testaceous, somewhat transparent. Abdomen reddish-testaceous, with a black dorsal band and yellowish reflecting spots, which usually appear on the front margins of the segments—in some directions these spots are bordered by other brown or black spots, and the dorsal band becomes double; some macrochaetae are present only on the sides and on the anal segment, there are none on the dorsum; ventral face densely beset with black hairs, especially towards the anus. Legs black; front femora with regularly-placed long bristles; front tibiae outwardly with a row of short bristles; hind tibiae fringed on the outside, and in the middle outwardly with one, inwardly with three long bristles; foot-claws and pulvilli elongate, the pulvilli greyish. Tegulae whitish. Wings nearly hyaline, with a yellowish tint at the base and along the costa; small cross-vein under the end of the auxiliary vein and on the middle of the discal cell; curvation of the fourth vein forming a rectangle; apical and posterior cross-veins slightly curved.

Hab. MEXICO, Atoyac in Vera Cruz (*H. H. Smith*), Tuxpango (*coll. Bellardi*).

A single male specimen was captured by Mr. Smith; and I have seen another, quite similar, in the collection of Prof. Bellardi.

2. *Mystacella lugubris*, sp. n., ♀.

Black; thorax anteriorly grey with black lines; scutellum brown; head whitish; palpi rufous.

Length 8.5 millim.

Front blackish, slightly prominent, broader than the eyes; frontal band dark rufous; frontal bristles on both sides in a single curved row, descending as far as the end of the second antennal joint; two stout bristles external to each row; face and cheeks white, with greyish reflections; cheeks broad, with a row of short black hairs; vibrissae at a considerable distance above the oral margin, and surmounted by a row of four shorter bristles on the facial ridges; beard and pilosity of the eyes white. Antennae black, descending to two-thirds of the face; second joint bristly; third joint twice as long as the second; arista thickened to beyond the middle. Proboscis black; palpi rufous, with black hairs. Thorax black, anteriorly with some whitish tomentum and the beginning of two black lines; scutellum castaneous. Abdomen broadly ovate, not longer than the thorax, shining black and black-haired; macrochaetae on the hind margins of the second and third segments, and more numerous on the anal segment. Legs black; front tibiae with short bristles; middle tibiae with some long bristles; hind tibiae outwardly fringed with bristles and with a longer one beneath the middle. Tegulae blackish. Wings greyish-hyaline, the base and the small cross-vein slightly infuscated; this cross-vein before the middle of the discal cell; apical cross-vein slightly curved; posterior cross-vein nearly straight.

Hab. MEXICO, Omilteme in Guerrero 8000 feet (*H. H. Smith*).

A single female specimen.

This species has some resemblance to *Nemoræa obscurella*, but may easily be distinguished from it by having the vibrissae distinctly removed from the oral margin, the head and the tomentum on the thorax whiter, the arista shorter and thicker, &c.

3. *Mystacella violacea*, sp. n., ♂ ♀.

Cinereous (sometimes of a more obscure colour) with a violet tint; head ochraceous; frontal band, four thoracic stripes, hind margins of the abdominal segments, antennae (except the basal joints), and legs black; palpi rufous; wings infuscated at the base and along the costa.

Length 9.5 millim.

Head ochraceous with brown reflections; front narrowed behind, in the female broader; frontal band black; frontal bristles rather weak, descending on both sides in a double row beneath the root of the antennae; eyes in the female less pilose, only a little pubescent; vibrissae surmounted by some shorter bristles. Basal joints of the antennae rufous; third joint black, rufous at the base; second joint bristly on its upper