

more yellowish with feebly indicated markings. Legs rather stout, variable in colour, the four anterior femora often largely black, the hind femora usually in great part black; tibiae and tarsi brown and yellow.

Female. Front narrow above, shining blue-black, the sides below yellow. Face with a broad black stripe. Abdomen shining black; second segment with two small yellow spots; third, fourth, and fifth segments each with a pair of oblique yellow spots on the anterior half. Legs yellow; four anterior tarsi brownish; hind femora with a preapical brown ring; hind tibiae with a sub-basal and a preapical brown ring; hind tarsi brown.

Length 5-6 millim.

Hab. MEXICO, Acaguizotla 3500 feet, Chilpancingo 4600 feet, Tepetlapa 3000 feet, Medellin near Vera Cruz, Teapa in Tabasco (*H. H. Smith*), Orizaba (*H. H. Smith and F. D. Godman*).

I am not quite sure that the females here described belong to the same species as do the males, but I think so. An additional female has the abdomen wholly, and the hind legs in great part, black. Still another has the sides of the second abdominal segment yellow, and the hind legs in great part black. The tip of the scutellum is rarely somewhat yellowish.

5. *Mesogramma* —?

Male. Very similar to the preceding species, but differing in the more prominent face, the narrower vertical triangle, the black of the hind legs confined to a preapical ring, the less elongate abdomen, and the second segment with a large oval opaque spot.

Female. Abdomen shining blue-black; second segment with an opaque black band, not reaching the lateral margins, in front of which there is a narrow, broadly interrupted yellow band; third, fourth, and fifth segments each with three yellow spots or stripes, not reaching the hind margin—the middle one of which is more slender, wanting on the fourth, and separated by two linear opaque black stripes,—and on each side laterally with a larger, rounded, opaque black spot. Face more brownish in the middle; front narrow above.

Length 5 millim.

Hab. MEXICO, Dos Arroyos 1000 feet, Tepetlapa 3000 feet, both in Guerrero, Vera Cruz, Atoyac and Medellin in Vera Cruz, Teapa and Frontera in Tabasco (*H. H. Smith*), Orizaba (*H. H. Smith and F. D. Godman*).

6. *Mesogramma* —?

Male. Vertical triangle very long, narrow, shining purple behind the ocelli. Frontal triangle and face small, yellow, the latter prominent; antennae yellow; cheeks black. Mesonotum deep shining black, with a whitish median line and complete yellow lateral stripes. Scutellum shining black, with the margin broadly yellow. Pleurae shining blue, with a vertical stripe on the meso- and sterno-pleurae yellow. Abdomen shining yellow and black; first segment narrowly black behind; second segment with the posterior third black; third and fourth segments yellow in front and black behind, the demarcation between the yellow and the black irregular and variable in outline; the black on the fifth segment forming three stripes; hypopygium rather large, shining black. Legs yellow; hind femora with a preapical, and the hind tibiae with a median, black ring. Abdomen elongate oval, somewhat narrowed on the second segment. Alulae rudimentary.

Female. Front unusually narrow; shining purple behind the ocelli, with a median black stripe in front. Length 6-7 millim.

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