

rufous, the front side and the tip with a blackish margin; in the female these organs are of a more obscure colour, though the hind margin of the third joint is always somewhat rufous; arista thickened almost to the middle. Proboscis black; palpi yellowish-rufous. Thorax, scutellum, and abdomen shining black; thorax anteriorly with a greyish tomentum and obsolete black stripes; abdomen conical, with grey and white reflecting spots, especially on the front margin of the second and following segments, and with many long discal and marginal macrochaetae. Legs black, the tibiae piceous; middle and hind tibiae outwardly with long bristles; foot-claws and pulvilli of the male elongate, the pulvilli whitish. Tegulae white. Wings greyish-hyaline, in the female somewhat brownish; small cross-vein thick, before the middle of the discal cell; apical cross-vein concave at its origin, for the rest straight; posterior cross-vein slightly curved.

Hab. MEXICO, Orizaba (*H. H. Smith & F. D. G.*), Omilteme in Guerrero 8000 feet (*H. H. Smith*).

One female and two male specimens.

9. *Exorista rubricornis*, sp. n., ♀.

Grey; antennae and palpi rufous; thorax with four black stripes; abdomen without discal macrochaetae, black, except the anal segment, which is rufous, the front borders of the segments whitish; legs black.

Length 7.5 millim.

Front as broad as the diameter of the eyes; frontal band black, narrower than the grey lateral portions; frontal bristles descending to the number of three or four beneath the root of the antennae; face and cheeks with silvery reflections; beard and pilosity of the occiput whitish; eyes with yellowish pile. Antennae rufous, nearly as long as the face; second joint elongate, with black bristles on its upper part; third joint two or three times as long as the second, its front margin more or less infuscated; arista black, gradually tapering towards the end. The black stripes of the thoracic dorsum conspicuous over nearly its whole length; scutellum with a slight rufous tint, which, however, is scarcely visible through the grey tomentum with which it is covered. Abdomen ovate, shining black; the second and third segments with whitish front borders and laterally slightly rufous; anal segment rufous, with some white reflections on the front border; ventral face brown, with a similar white reflection, which, however, is more defined and forms transverse bands attenuated on either side. Legs black, the underside of the femora whitish; bristles not very strong; hind tibiae outwardly fringed with short bristles. Tegulae white. Wings greyish; small cross-vein oblique, on the middle of the discal cell; apical and posterior cross-veins curved.

Hab. MEXICO, Atoyac in Vera Cruz (*H. H. Smith*), Temax in North Yucatan (*Gaumer*).

Two female specimens.

10. *Exorista latevittata*, sp. n., ♂.

Thorax grey, with four broad black stripes, two and two united behind the transverse suture; abdomen black, laterally reddish, with the front margins of the segments white; anus more or less rufous; hind tibiae outwardly fringed; palpi black.

Length 9.5 millim.

Head whitish-grey; front narrower than the diameter of the eyes; frontal band black; frontal bristles descending on both sides in a single row beneath the second antennal joint; vibrissae surmounted by some shorter bristles; beard and pilosity of the occiput whitish; eyes densely beset with a yellowish pile. Antennae black, shorter than the face; second joint bristly on the upper part; third joint three or four times as long as the second, sometimes slightly rufous at the extreme base; arista thickened on the proximal half. The stripes on the thoracic dorsum as broad as the interspaces; scutellum black, brownish towards the hind margin. Abdomen broadly ovate, black, the sides of the second and third segments reddish-yellow, the latter with a narrow, white front margin; anus in one of the specimens slightly, in