

Tegulæ brown, with a narrow yellowish margin. Wings brownish-grey; the base and the costa fuscous, less obscure, however, beyond the small cross-vein and the end of the first vein; small cross-vein on the middle of the discal cell; apical and posterior cross-veins oblique and a little curved.

*Hab.* MEXICO, Medellin near Vera Cruz (*H. H. Smith*).

A single female specimen, captured in January 1888.

### 3. *Hystricia ambigua*. (Tab. I. fig. 7.)

*Hystricia ambigua*, Macq. Dipt. Exot., Suppl. iv. p. 172. 9<sup>1</sup>.

? *Hystricia ambigua*, Williston, Trans. Am. Ent. Soc. xiii. p. 298<sup>2</sup>.

Face and cheeks pale ochraceous, almost whitish; oral margin not prominent; front cinereous, narrowed behind, especially in the male; median band black; pilosity of the front yellowish-grey, that of the cheeks, chin, and occiput clearer; frontal bristles rather long and stout, descending on both sides to a little beneath the root of the antennæ and there placed closer together; vibrissæ distinctly above the oral margin, and surmounted by some smaller bristles; moreover, there are two or three bristles at the chin. Antennæ black, with some cinereous tomentum; second joint with several bristles; third joint broader, about as long as the second, outwardly convex, rounded at the end; arista distinctly three-jointed, thickened to beyond the middle. Proboscis shining black; palpi ochraceous, broad, and with short black bristles towards the end. Thorax and scutellum greyish-yellow, with a dense pilosity of the same colour; on the thorax are indistinct dark longitudinal stripes and weak bristles ranged in longitudinal rows. Abdomen shining, bluish-black, densely beset (like the scutellum) with black spines. Legs black; front femora outwardly with light grey tomentum; at the underside of the femora and at the outside of the tibiæ are several bristles, those of the intermediate and posterior tibiæ being longer and stouter; claws and pulvilli yellow, the claws with black tips. Tegulæ greyish, with a yellow margin. Wings grey, at the base and along the costa yellowish; veins testaceous; curvature of the fourth vein with an acute angle; small cross-vein on the middle of the discal cell; posterior cross-vein almost straight.

Length 12.5–16 millim.

*Hab.* NORTH AMERICA, Colorado<sup>2</sup>.—MEXICO<sup>1 2</sup>, Orizaba (*H. H. Smith & F. D. Godman*); GUATEMALA, San Gerónimo (*Champion*); COSTA RICA, Rio Sucio, Cache, Volcan de Irazu 6000 to 7000 feet (*Rogers*).

Several specimens of both sexes.

### 4. *Hystricia cyaneiventris*.

*Hystricia cyaneiventris*, v. d. Wulp, Comptes Rendus Soc. ent. Belg. xxxviii. p. ccxci<sup>1</sup>.

*Hab.* MEXICO, Guanajuato (*Dugès*<sup>1</sup>).

A male specimen in the Royal Museum at Brussels.

I here give a translation of my description (*l. c.*):—

Head sericeous, pale cinereous; front somewhat prominent, narrowed behind, with a blackish longitudinal band which is narrower than the cinereous sides; frontal bristles in a single row, descending about as far as the second joint of the antennæ; vibrissæ at a little distance from the oral margin, and surmounted by some smaller bristles; cheeks broad; occiput densely beset with yellowish hairs, and at the orbits of the eyes with black bristles. Eyes densely clothed with yellowish pile. Antennæ black; second joint clothed with white tomentum; third joint twice as long as the second. Proboscis dark brown; palpi fulvous. Thorax metallic green; the front half with cinereous tomentum and four longitudinal black stripes; on the pleuræ the ground-colour for the greater part covered with cinereous tomentum. Scutellum and abdomen shining bluish-black, nearly steel-blue; abdomen oval, convex,