

6. *Hystricia soror*. (Tab. I. fig. 9.)

Hystricia soror, Williston, Trans. Am. Ent. Soc. xiii. p. 297 (1886)¹.

Hab. NORTH AMERICA, Arizona¹.—GUATEMALA, San Gerónimo (*Champion*); COSTA RICA, Cache (*Rogers*).

A male and five female specimens. These measure from 10–11·5 millim. in length; but one of the females (from Guatemala) is much larger than the others (15 millim.), though not differing in other respects.

To the description of Williston¹ (made from a single female example) I may add:—

The face is but very little inclined and hardly prominent at the oral margin. The scutellum is not quite dark red (as it is called by Williston), but more of a piceous-brown colour. The faintly reddish colour of the tibiæ is in all our specimens confined to the extreme base; the foot-claws are wholly black; the tegulæ blackish. The wings have a grey tint and are blackish at the base; the small cross-vein is placed before the middle of the discal cell; the two exterior cross-veins are slightly curved; the apical cell is somewhat drawn out in a point at its lower end.

7. *Hystricia velutina*, sp. n., ♂. (Tab. I. fig. 10.)

Thorax cinereous, with four distinct black stripes; scutellum rufous-brown; abdomen velvety-black, with whitish hind borders to the segments; basal joints of the antennæ, palpi, and legs fulvous; tegulæ and wings dark brown.

Length 17·5 millim.

Face scarcely inclined, not prominent at the oral margin, in the middle whitish; cheeks bare; a row of smaller bristles above the vibrissæ; beard yellow. Front much narrowed behind, yellowish-cinereous, with a black median band; frontal bristles abundant, but not very strong, descending as far as the end of the second antennal joint. Eyes densely clothed with yellowish pile. Occiput with yellow hairs; above, behind the eyes, with long black bristles. Antennæ black, the two basal joints rufous, the second beset with several black bristles; the third joint twice as long as the second; arista thickened to half its length. Proboscis and palpi fulvous, the latter rather stout and with short black bristles. Thorax dark cinereous, with four very distinct broad longitudinal black stripes (which are continued behind the transverse suture); pilosity black, the bristles rather weak. Scutellum reddish-brown, with strong bristles, those of the hind border spine-like; metanotum grey. Abdomen velvety-black, the sides of the second and third segments brownish; on the front side of the second and following segments is a narrow whitish-grey (somewhat silvery) border, which at the middle of each is extended to a small triangular spot; pilosity black and rather long (the spine-like macrochætæ, on the contrary, weaker and less numerous than in the preceding species, though more abundant near the anus). Legs fulvous, almost orange-yellow; coxæ and femora more obscure, in consequence of their short black pilosity; on the front side of the first pair of coxæ is a clear yellow reflection; tibiæ and tarsi with yellow pile; the black bristles of the legs scarce and rather weak; the curved bristles round the terminal joint of the tarsi yellow; the pulvilli and claws also yellow, the latter with black tips. Tegulæ blackish-brown, with a yellowish margin. Wings dark brown, narrowed towards the apex; small cross-vein placed distinctly before the middle of the discal cell; apical cross-vein incurved near its base and running obliquely onwards in a straight line towards the costa; posterior cross-vein oblique, slightly undulate.

Hab. COSTA RICA, Rio Sucio (*Rogers*).

A single male.