

8. *Hystricia amœna*. (Tab. I. fig. 11.)*Hystricia amœna*, Macq. Dipt. Exot. ii. 3, p. 44. 2.¹*Hab.* MEXICO¹; COSTA RICA, Volcan de Irazu 6000 to 7000 feet (*Rogers*).

A single female specimen.

As Macquart has only described the male, I give here a full description of the female:—

Head greyish-white; face nearly vertical, a little prominent at the oral margin; vibrissæ accompanied below by a few other bristles, and surmounted by a single shorter one; cheeks bare; beard yellowish. Front dark grey, much narrowed behind; median band black; frontal bristles abundant, though but moderately long and stout, several placed close together on both sides of the base of the antennæ; occiput with grey pile, and with a row of short black bristles above behind the eyes. Antennæ black; second joint bristly on its upperside; third joint twice as long as the second, rather broad, before and behind rectilinear, truncate at the end; arista indistinctly jointed, thickened to beyond the middle. Proboscis testaceous, at the end with yellow pile; palpi slender, exserted, fulvous, with rather long black bristles. Thorax cinereous, with four narrow blackish stripes; a spot under the shoulders and another beneath the root of the wings are reddish; pilosity of the upper part black and mixed with many bristles, that of the pleuræ yellow. Scutellum rufous, with a great number of black spines. Abdomen notably broader than the thorax; bright fulvous, somewhat transparent, with black dorsal and lateral spots on the hind borders of the segments, the dorsal spots of the second and third segments round, and the lateral ones of the apical segment larger; the black spines are neither strong nor numerous enough to cover the ground-colour, only on the black spots are they more accumulated. Legs fulvous, the tibiæ more of a brownish-red, the tarsi black; front tarsi dilated; bristles of the legs rather weak, the underside of the coxæ clothed with a long yellow pilosity; foot-claws fulvous, with black tips; pulvilli pale yellow. Tegulæ fulvous, with yellow pile. Wings brownish; small cross-vein placed a little before the middle of the discal cell; apical and posterior cross-veins curved. Length 13 millim.

9. *Hystricia micans*, sp. n., ♂ ♀. (Tab. I. fig. 12.)

Antennæ black, with the basal joints rufous, the third joint as long as the second; cheeks with blackish pile; thorax cinereous; scutellum testaceous; abdomen brownish-red, with black dorsal and lateral spots and white incisions; legs, including the tarsi, fulvous; tegulæ and wings brownish.

Length 13–15 millim.

Face and cheeks yellowish, the latter with a blackish rather long pile; front of the male much narrowed behind, that of the female broader, its lateral borders yellowish-grey, the median band black. Basal joints of the antennæ rufous; third joint black (of about the same shape as in the preceding species). Proboscis piceous, the end with yellow pile; palpi rather slender, very little thickened near the tip, the upperside with short, the underside with longer, black bristles. Thorax and scutellum as in *H. amœna*, the scutellum, however, less clear; macrochætæ of the thorax (at least in the female) longer and more numerous. Abdomen brownish-red, with black dorsal and lateral spots, the incisions with a white reflection; the spines rather more numerous than in *H. amœna*. Legs, including the tarsi, fulvous; front tarsi dilated in the female; underside of the coxæ with yellow pile, mixed with black bristles, that of the anterior femora also with yellow hairs; for the rest the bristles of the femora and tibiæ are a little stouter and longer than in *H. amœna*; claws yellow, with black tips; pulvilli pale yellow or whitish, in the male surrounded by some black bristles. Tegulæ and wings greyish-brown; venation as in *H. amœna*.

Hab. COSTA RICA, Rio Sucio, Volcan de Irazu 6000 to 7000 feet (*Rogers*).

Three males and three females.