

species closely resembles *Echinomyia analis* (Fabr.); but it cannot be confounded with that insect if attention is paid to the shape of the antennæ (the third joint of which is not shorter than the second), the hairy eyes, &c.

4. *Nemoræa smithi*, sp. n., ♂ ♀.

Head whitish; thorax and scutellum with yellowish tomentum; abdomen shining rufous, with a broad black dorsal band; antennæ dark rufous; palpi ochraceous; legs black, the front tarsi dilated in the female; base of the wings infuscated.

Length 8 millim.

Allied to *N. forreri*, but smaller in size. The frontal band more obscure and narrower; the third joint of the antennæ longer, nearly twice as long as the second; the arista more distinctly jointed; the abdomen not unicolorous black, but brownish-red with a rather broad black dorsal band; the foot-claws black; the three median joints of the front tarsi distinctly dilated in the female; and the infuscation at the base of the wings more intense and more extended along the costa.

Hab. MEXICO, Atoyac in Vera Cruz (*H. H. Smith*).

One male and four female specimens.

5. *Nemoræa intermedia*, sp. n., ♂ ♀.

Head whitish; thorax and scutellum yellowish-cinereous; abdomen shining black; antennæ and palpi rufous; legs black, the front tarsi dilated in the female; base of the wings infuscated.

Length 8–11.5 millim.

This species also is closely allied to *N. forreri*. The abdomen is unicolorous shining black, in the male without any whitish reflection on the anal segment; the frontal band is brown and narrow; in the female the three median joints of the front tarsi are dilated, though they are less broad than in *N. smithi*. In some female specimens the fuscous coloration of the wings is as intense as in that species, but these examples differ from *N. smithi* in the total absence of red colour on the sides of the abdomen.

Hab. MEXICO, Xucumanatlan 7000 feet and Omilteme 8000 feet, both in Guerrero (*H. H. Smith*), Mexico city (*Schumann*).

Several specimens.

It has given me some trouble to distinguish *N. forreri*, *N. smithi*, and *N. intermedia*, as these bear a striking resemblance to each other; but, owing to the above-mentioned differences, I must regard them as three very closely allied but distinct species. I have found, however, some individuals which seem to be hybrids of *N. forreri* and *N. intermedia*. All are females: some of them have the broad frontal band of the former and the dilated front tarsi of the latter; in other and very small female specimens (5.5–6.5 millim. in length), on the contrary, the frontal band is brown and narrow, but the tarsi are not at all dilated.

There is still another described species of this genus from Central America:—

Nemoræa intrita, Walk. Trans. Ent. Soc. Lond. n. ser. v. p. 297.—Mexico.
