Hab. Mexico, Cordova (Sallé); GUATEMALA near the city, San Gerónimo, Zapote, Capetillo, Calderas, Cerro Zunil, Lanquin, Senahu and San Joaquin in Vera Paz (Champion); PANAMA, Bugaba, Volcan de Chiriqui 2000 to 4000 feet (Champion).

Very closely allied to P. vilis, but with the thorax, elytra, and hind body quite black, the head slightly broader, and the male posterior tibiae slightly curved and a little thickened towards the extremity. The tibiae and the coxae are more or less infuscate, but the femora are pallid yellow. The middle coxae, as in P. vilis, are contiguous, and the front feet of the female are moderately, those of the male rather broadly, dilated; in the latter sex there is a deep notch on the last ventral plate.

This is apparently a common species throughout most of our region, and varies a good deal in the minor details. The description is taken from a long series, agreeing pretty closely, found at San Gerónimo. One of these is figured. In other cases the base of the antennae becomes darker, and occasionally the elytra are picescent; and such an example is labelled in Sallé’s collection, “P. caliginosus, E. Dugès, in litt.”

29. Philonthus occultus.

Fuscus; prothorace piceo, antennarum basi pedibusque piceo-testaceis; capite ovato, prothorace antrorsum angustato; elytris crebre punctatis; abdomen dense subtilissime punctato.

Long. 7 millim.

Hab. GUATEMALA (Sallé).

Antennæ shorter than the head and thorax, but little thicker towards the apex, the penultimate joints each very nearly as long as broad. Head much narrower than the thorax, the latter rather longer than the elytra. Hind body very densely, evenly, and finely punctate.

This is an obscure species, of which only a single example has been received; it is a male and cannot be treated as an extreme variety of P. ochromerus, on account of the sexual characters, the front tarsi being broadly dilated and the front tibiae short and thick, while the hind tibiae are simple; there is a large notch on the last ventral plate.

30. Philonthus planulatus.

Subdepressus, niger, nitidus; elytris anellis, femoribus fusco-testaceis; capite subquadrate; elytris parce profunde punctatis; abdomen parce subtiliter punctato.

Long. 8 millim.

Hab. PANAMA, Volcan de Chiriqui 3000 to 4000 feet, Peña Blanca 3000 to 4000 feet (Champion).

Antennæ black, scarcely thickened outwardly, the penultimate joints not quite so long as broad; palpi rather long and slender. Head as broad as, or broader than, the thorax, extremely shining, quadrato, but with the hind angles greatly rounded. Thorax not narrowed in front, narrower than the elytra, very shining, and, like the head, with a