

than twice as long as broad. Legs yellow; the hind femora, except the tip, and the hind tibiae, except the base and tip, brown. Wings subhyaline; the subcostal cell beyond the auxiliary vein brown; the distal part of the wing, especially before the third vein, clouded with blackish.

Length 10–12 millim.

*Hab.* MEXICO, Sierra de las Aguas Escondidas in Guerrero 9500 feet (*H. H. Smith*).

Two specimens.

### 16. *Baccha cœrulea*, sp. n., ♂ ♀.

*Female.* Deep steel-blue, shining. Front moderately narrowed above, the vertex shining purple, this colour extending down as a slender median stripe; front elsewhere lighter metallic blue; pile black. Face bluish-black, with whitish dust; a small red spot on the sides below. Antennæ brownish-red; third joint a little longer than wide, broadly black above. Mesonotum bluish-black, feebly striped. Pleuræ with white pile. Abdomen only a little narrowed towards the base, the second and third segments of about equal length and about as broad as long; second segment with a semilunar cross-band, and the third and fourth segments each with a pair of large triangular spots, separated by a line, opaque black; dorsum with sparse, white, short, curved hairs. Wings hyaline; a narrow dark brown border extending from the base to the tip of the costal vein, a little broader in the submarginal cell, and with a slight projection at the origin of the third vein; the costal cell lighter-coloured. Legs: femora black or dark brown, their tips or distal parts and the four anterior tibiae and the metatarsi brownish-yellow, the tarsi, otherwise, and the hind tibiae brown; hind metatarsi lighter yellow, elongate and but slightly thickened.

*Male.* Eyes with the facets much larger above, a horizontal line near the middle. Frontal triangle somewhat bronze-coloured in the middle; pile black. Face without the red spot on the sides below. Mesonotum more brownish or bronze-coloured. Band of the second abdominal segment larger; the remainder of the abdomen opaque, save the narrow margins of the segments.

Length 7–9 millim.

*Hab.* MEXICO, Amula 6000 feet, Xucumanatlan 7000 feet, Omilteme 8000 feet, and Sierra de las Aguas Escondidas 9500 feet, all in Guerrero (*H. H. Smith*).

Four specimens.

### 17. *Baccha concinna*, sp. n., ♂ ♀.

Front of the female much narrowed above, shining blue-black, whitish-pollinose, shining black below. Face narrow, blue-black, the orbital margins narrowly yellow, whitish-pollinose. Antennæ red; third joint short ovate, obtusely pointed, black above. Frontal triangle blue-black, thinly pollinose. Mesonotum of the male deep blackish-brown, more shining bluish on the lateral margins; mesonotum of the female more shining blue, with two or four narrow brown stripes in front. Scutellum coloured like the mesonotum. Pleuræ more shining blue. Abdomen moderately narrowed at the base, not slender—in the male opaque black, with the first segment, the broad anterior angles of the second, third, and fourth segments, and the fifth segment and small hypopygium shining blue-black; in the female the opaque black forms a subtriangular spot on the second segment, a larger triangular one on the third, three spots on the fourth, and two or three streaks on the fifth. Legs blackish; the tip or distal part of the femora and the base of the hind tibiae yellow, the four anterior tarsi and the distal part of the four anterior tibiae somewhat brownish-yellow; hind tarsi of the male, except the basal two thirds of the metatarsi, yellow. Wings hyaline or nearly so; in the male with the costal, subcostal, and the basal part of the marginal cells yellowish-brown; in the female with the subcostal cell only brown.

Length 8–9 millim.

*Hab.* MEXICO, Chilpancingo 4600 feet and Venta de Zopilote 2800 feet, both in Guerrero, Teapa in Tabasco (*H. H. Smith*).