

Hab. MEXICO, Venta de Zopilote in Guerrero 2800 feet (*H. H. Smith*), Temax in Northern Yucatan (*Gaumer*).

Five specimens.

10. *Volucella ornata*, sp. n., ♂.

Frontal triangle and face light yellow, the former with a small black spot, the latter with a broad black stripe on either side, extending from the eyes to the oral margin, and a narrower median one, obsolete above. Cheeks yellow, blackish posteriorly. Face, in profile, projecting downward and but little forward, with a long concavity above and a small, well-marked tubercle below. Antennæ about one-half of the length of the face; brownish-red or blackish; arista thinly plumose, not much longer than the third joint. Eyes densely and long, in most reflections whitish, pilose. Mesonotum thickly light reddish-yellow-pilose; metallic black, the sides, and a geminate spot behind, as also the scutellum, honey-yellow. Pleuræ black, with abundant light-coloured pile; a yellowish spot on the mesopleuræ and another above the middle coxæ. Abdomen brownish-black; pile yellow; second segment with the lateral margins, more broadly so in front and contiguous behind with the outer extremity of an interrupted band, composed of two shallow crescents, yellow; third segment with two similarly-coloured narrow bands—one on the front margin, entire, the other near the middle, straight and interrupted; the second and third segments have a fringe of yellow pile behind; the fourth segment has a broad transverse groove, or, rather, a large, rounded, shallow V-shaped ridge. Legs yellowish-red or red, the basal joints of the middle tarsi and the distal ones of the hind tarsi lighter-coloured; pile yellow and black, especially abundant on the hind tibiae. Wings with brownish clouds; second longitudinal vein strongly sinuous at its extremity; third vein in front of the first posterior cell not straight.

Length 10–12 millim.

Hab. MEXICO, Jalapa (*F. D. Godman*).

Three specimens.

11. *Volucella cæsariata*, sp. n., ♂.

Face on the sides light yellow, a broad median stripe, and the cheeks broadly, black; frontal triangle black, with black pile. Face, in profile, nearly perpendicular, with a shallow concavity above and a small tubercle below the middle. Antennæ black, nearly half the length of the face; third joint gently excised; arista but little longer than the joint. Mesonotum and scutellum thickly clothed with reddish-yellow pile, obscuring the ground-colour; the former metallic bronze-black, with the sides broadly and a large posterior emargination honey-yellow, as is also the scutellum; lateral margins and the whole border of the scutellum with well-developed black bristles. Pleuræ black, with black and whitish pile, somewhat intermixed with fulvous above. Abdomen brownish-black, with abundant, not very long, mostly yellow pile; second segment with an oblique lateral spot, and the narrow base of the third segment, yellow or yellowish. Legs black, the knees narrowly yellow; the first three joints of all the tarsi light reddish-yellow. Wings clouded with blackish distally; cross-veins of the disc with dark brown clouds; second vein markedly sinuous at its tip.

Length 12 millim.

Hab. MEXICO, Orizaba (*H. H. Smith*).

One specimen.

12. *Volucella mellea*.

Volucella mellea, Jaennicke, Neue exot. Dipt., in Abh. Senck. Ges. vi. p. 396¹.

Hab. MEXICO¹, Jaral in Guanajuato, Mexico city (*Schumann*).