

Halteres black.

Front unusually broad, the frontal callosity transverse; front tibiae whitish at the base; first posterior cell very strongly coarctate, often closed *atratus*, Fabr.

Front not unusually broad, the frontal callosity not transverse; front tibiae altogether black; first posterior cell only moderately coarctate.

Narrow portion of the third antennal joint not remarkably elongate *wiedemanni*, O. S.

Narrow portion of the third antennal joint unusually long *lugubris*, Macq.

7. *Tabanus bifenestratus*, sp. n., ♀. (Tab. I. fig. 9.)

Black, abdomen red on the sides of the three first segments; wings brown, the second basal, discal, and second submarginal cells subhyaline; antennae and legs rufous.

Length 13-14 millim.

Hab. MEXICO, Ciudad in Durango 8100 feet (*Forrer*).

Antennae rufous, the scapus beset with black pile; upper angle of the third joint well marked, but blunt at the tip; annulate portion rather stout, black, about half as long as the basal. Face and palpi yellowish-red; the latter rather narrow, with black pile; the cheeks with fulvous hairs; front rather broad; frontal callus reddish-brown, convex; subcallus rufous, denuded, shining. Eyes apparently glabrous. Thorax black with yellow hairs, which are scarce on the back, but more dense and long on some parts of the pleurae. Abdomen with the first three segments red, with black spots in the middle; the last four segments black, with narrow red borders. Coxae black; legs rufous; femora beset with fulvous, the tibiae with black, hairs; front tarsi brown, except at the base; tips of the other tarsi infuscated. Wings brown; second submarginal, discal, second basal, axillary, and spurious cells subhyaline; first posterior cell broadly open; no stump on the fork of the third vein (but as the upper branch is somewhat angular at the base, it is possible that a stump may occur in other specimens). A single female.

N.B.—The specimen is somewhat injured by moisture on the head and the thorax; for this reason I have not been able to give a complete description of these parts; the very peculiar and easily recognizable colouring of the wings induced me nevertheless to publish the species.

The eyes (revived on wet sand) are green, with a single narrow purple stripe in the middle.

8. *Tabanus cribellum*, sp. n., ♀. (Tab. I. fig. 10.)

Eyes glabrous, with three green cross-bands; thorax greyish, with yellowish-white lines; abdomen variegated with brown; wings hyaline, the first posterior cell broadly open; antennae yellowish-red, the annulate portion of the third joint rather stout.

Length 9-10.5 millim.

Hab. MEXICO, Presidio (*Forrer*).