

TROPIDOMYIA, gen. nov.

Face, in profile, vertical and straight, with a median sharp ridge, on the sides plane or gently concave, wholly without grooves or lateral ridges. In front view, the face shows, below, a sharp triangular notch, rising a little above the lower border of the eyes, from the apex of which the sharp carina runs to the base of the antennæ. Wings narrow; anterior cross-vein near middle of discal cell, and opposite the termination of the auxiliary vein; termination of second vein remote from that of the first, the interval as great as that between the terminations of the second and third veins.

The above are the most essential characters, readily distinguishing this genus from *Conops*. Other characters that may or may not be of generic value are the following: Third joint of antennæ very short, scarcely longer than wide, shorter than the first, the latter about one-third or two-fifths the length of the second. Posterior cross-vein straight, and rectangular to both the fourth and the fifth veins. Second segment of the abdomen in the male very slender, somewhat broader in front, nearly as long as the three following segments together; in the female the second segment is cylindrical, but less slender than in the male, only a little longer than the third, the sixth segment as long as the three preceding together, the fifth with a large process below. Proboscis as long as the hind femora. The legs and front, and general structure otherwise, are like those of *Conops*, sens. str.; the wings with their narrow cells present a very different appearance, however. The carinate, non-grooved structure of the face differs from that of all the other genera of Conopidae save *Stylogaster*, a species of which (*S. stylatus* Fabr., which is distinct from both the North American species) was found in the same region with the present species.

TROPIDOMYIA BIMACULATA, n. sp.

♂, ♀. Face with a silvery, or slightly yellowish, sheen, showing the black ground-color in different reflections; a slender median black line on the carina. Vertical callosity yellowish red below, obscurely blackish and luteous, save the narrow margins, which are more yellow; close to the eyes below, a circular opaque black spot. Antennæ brownish red, the third joint red; style short, conical, but little longer than the lateral projection. Thorax opaque black, thinly pollinose on the sides, a slender