

NEW SPECIES OF NORTH AMERICAN TABANIDÆ.

BY JAMES S. HINE, COLUMBUS, OHIO.

Chrysops fulvistigma, n. sp.—Female. Palpi yellowish, antennæ slender, first segment yellowish, slightly darker at apex, second and third segments brown, annulate portion nearly black. Face shining black, covered next the eyes and on the anterior parts of the cheeks with yellowish-gray pollen. Front yellowish-gray pollinose, callosity and region surrounding the ocelli shining black. Thorax dark, nearly black, with grayish pollen above, giving the impression of stripes before the suture; coxa, basal two-thirds of femur and base of tibia of anterior leg, and nearly the whole tibia and base of tarsus of middle leg, yellow; remainder of legs dark, nearly black. Wing almost hyaline, costal margin from base to apex, and a narrow cross-band abbreviated behind pale brownish, stigma conspicuously brownish-yellow. Abdomen yellow at base, black at apex. Dorsally, a large, nearly square, black spot beneath the scutellum reaching the posterior margin of the first segment. Second segment with two contiguous, black triangles, their bases on the posterior margin of the segment and their apexes not attaining the anterior margin; otherwise the first two segments are yellow; remainder of the abdomen black, with the exception of a small, pale yellowish triangle on the third segment. Ventrally the first two segments are yellow, with the exception of a linear, black spot on each lateral margin, and a suggestion of the same colour at middle. The yellow also extends back on to the third segment on each side of the midventral line.

Length slightly more than 7 millimeters. Two females taken at Raleigh, N. C., by C. S. Brimley, July 15 and 17.

A very distinct and interesting species. It has somewhat the aspect of *lugens*, Wied., *univittatus*, Macq., and *obsoletus*, Wied., but the nearly hyaline wings and black face are characteristic. As a pale brownish colouring follows the costa to the apex of the wing, the species may be said to belong to the group with an apical spot, and is the second North American species of the group with an entirely black face, but this one lacks the yellow pollinose stripe from base of antennæ to margin of mouth, a character very evident in *frigidus*, O. S.

The species is larger than *nigribimbo*, Whitney, and not to be confused with it except in coloration of wings.

Chrysops Brimleyi, n. sp.—Female. Palpi and proboscis black, antennæ about normal in length and thickness, first segment yellow,