

In "Insects of Florida," recently published by Prof. C. W. Johnson, two of the above-described specimens captured in 1912 are mentioned as *cymatophorus* O. S. from which *birdiei* differs by its smaller size, clearer wings, wider front, nearly square callus, and shape of third antennal joint.

***Tabanus milleri*, n. sp.**

Female—Length $8\frac{1}{2}$ -10 mm. Palpi white, with a slight yellowish tinge. Face covered by long white hairs. Antennae fulvous, upper angle of third joint obtuse, annuli hardly infuscated. Front coarctate, dark yellow, sometimes almost black; no ocellar tubercle. Callus nearly black, rectangular, a line above. Eyes naked, dark green with a purple reflection and one distinct very dark purple band.

Thorax brown, with the usual lighter stripes. Abdomen black, segment margins yellowish white, expanding into three rows of spots, the medial row consisting mostly of white hairs, the lateral spots frequently fulvous, oblique and extending outward basally. Venter fuscous, margins white. Legs pale yellow, distal half of front tibiae and tarsi black, the other legs less infuscated. Wings hyaline, stigma pale yellow, first posterior cell broadly open.

Dedicated to two young friends whose kindly services furnished me a large number of desirable Tabani.

A comparison of twenty *milleri* captured in Florida, at Mianii, St. Augustine and St. Petersburg, with a great number of *sparus*, taken in New Hampshire, affords no constant separating character except the invariably well-defined eye band in this new species. *Sparus* has no band, only a purple reflection. *Pumilus* has two bands, also other distinct differences.

***Tabanus beatificus*, n. sp.**

Female—Length 15 mm. Antennae black, third joint reddish at base, upper angle rectangular. Face, cheeks and palpi black. Front black, shining, callus transverse, protuberant. Connected above is a roundish convex spot extending across the front and nearly surrounded by light gray pollen. Vertex notched. Eyes naked, purple with three green bands. Thorax black, the gray lines scarcely perceptible. Abdomen black, densely covered with