

the species being brought to *T. longus* in Osten Sacken's table. The prevailing color of the abdomen is brownish-red. Their length is 12, 13 mm.

TABANUS PYGMEUS, n. sp.

Female: Length 6 mm. Third antennal joint broad oval, not angulated, annulated portion short; frontal callus not denuded; tibiae light yellow at base. Front rather broad, not narrowed anteriorly, callosity wanting or not denuded, in color light grayish yellowish. Face yellowish white, with white pile. Palpi white, not slender, with white hairs. Antennae brownish red, the third joint short, basal portion large, only a little longer than broad, gently convex below and obtusely angulated in the middle above; annulate portion very short, not a third the length of the joint. Thorax grayish brown, with three slender lighter stripes. Abdomen light chocolate brown, with a large, oblique, posteriorly contiguous triangle, and a less distinct median triangle on the segments, grayish yellowish. Legs black, the base of the four anterior tibiae whitish yellow, hind tibiae, except the tip, and the base of the four posterior tarsi, yellow, the remainder of these tarsi brown. Wings hyaline, stigma brownish.

One specimen, Florida. The eyes appear to be in life green on the upper, purple on the lower portion.

TABANUS PARVULUS, n. sp.

Female: Length 7 mm. Front narrow, parallel; base of third antennal joint red; abdomen with a median stripe, and the incisures light yellowish; tibiae yellow at base; wings with dark brown clouds on the cross veins.

Frontal callosity black, a little higher than broad, with a slender prolongation above. Antennae red, the first joint and the annulate portion black, the latter nearly as long as the base of the joint, basal portion not broad, obtusely angulated. Face yellowish gray. Thorax yellowish gray, the dorsum with three broad reddish-brown stripes. Abdomen brown, the segments with distinct narrow, light yellowish hind margins, dilated in the middle into an uninterrupted narrow stripe, reaching from the base of the abdomen to the seventh segment. Legs brownish black, the base of the tibiae, including a third of the front and two-thirds of the hind pair, yellow, the base of four posterior tarsi likewise yellow. Wings nearly hyaline, the narrow front border, becoming broader and more diffuse on the apex, brownish; all the cross-veins with narrow but strong brown clouds; second submarginal cell appendiculate.

One specimen, San Domingo. Singularly, the palpi are entirely wanting in my specimen, though there is no indication of the specimen having been injured.

TABANUS FENESTRA, n. sp.

Female: Length 13 mm. Black; front narrowed anteriorly; thorax chocolate brown; all the tibiae light yellow; wings hyaline, the anterior and outer part brown, the latter with hyaline streaks.

Front yellowish gray, much narrowed anteriorly; the callus small, oval, continued above as a line; subcallus partly denuded. Face grayish yellowish, with whitish pile. Palpi black, second joint short and thick. Antennae brownish red, the basal joints and annulate portion darker; basal portion of the third joint not very broad, the angle not salient. Dorsum of thorax chocolate brown, more or less grayish pollinose, pleurae with black hair. Abdomen brownish black, with grayish bloom. Middle and hind femora dark brown, front femora brownish; all the tibiae light yellow, the hind pair somewhat infuscated at tip; front tarsi light reddish yellow, posterior pairs darker. Wings subhyaline brown along the front part and at the tip; in the marginal and submarginal cells with light streaks; second submarginal cell appendiculate.