

bifurcation of the third vein and on the cross-veins closing the discal cell are not a constant character; in one of my specimens they are wanting. Two females.

N.B.—Although Walker's two descriptions are earlier, they are too unsatisfactory to be taken into consideration; that both refer to *albonotatus* is proved by the description of the front tibiæ (for *oculus*: fore shanks pale tawny, with black tips; for *bipartitus*: legs ferruginous, fore thighs rather darker, fore feet and tips of fore shanks piceous). At the same time, Walker does not mention the closed first posterior cell nor the appendiculated fork; instead of which he breaks up the species in two, with an imaginary difference in the length of the abdomen. I have seen the types in the British Museum.

I have a single female specimen (Bugaba, Panama, *Champion*) with the same characteristic dark spot, encircled with white, on the scutellum, but easily distinguished by the broadly open first posterior cell, the unappendiculated fork of the third vein, and the uniformly black front tibiæ. All these characters are those of *T. defilippii*, Bellardi, Saggio &c. i. p. 57; nevertheless the Panama insect is not that species. The true *T. defilippii* is much larger (23–24 millim., while the specimen from Bugaba is about 14 millim.), and has the body and wings much browner.

## 12. *Tabanus mexicanus*.

*Tabanus mexicanus* (Linn.), Wiedem. Aussereur. zweifl. Ins. i. p. 147; Bellardi, Saggio &c. i. p. 59<sup>1</sup> (for the synonymy, see my Catal. N. A. Dipt. 1878, p. 59).

*Hab.* SOUTHERN UNITED STATES.—MEXICO<sup>1</sup>; BRITISH HONDURAS (*Blancaneaux*, two females).—SOUTH AMERICA.

## 13. *Tabanus lineola*.

*Tabanus lineola* (Fabr.), O. Sacken, Prodr. of N. Am. Tabanidæ, p. 448<sup>1</sup> (where the synonymy will be found).

*Tabanus trilineatus* (Latr.?), Bellardi, Saggio &c. i. p. 63<sup>2</sup>.

*Hab.* UNITED STATES<sup>1</sup>.—MEXICO<sup>2</sup> (*Sallé*, *Sumichrast*); NICARAGUA, Chontales (*Janson*).—SOUTH AMERICA.

I have seen the type of *T. trilineatus*, Bellardi, in Turin.

A common species in the United States.

*Tabanus commixtus*, Walker, Trans. Ent. Soc. Lond. n. ser. v. p. 273, from Mexico, is represented in the British Museum by a single badly-preserved female specimen which belongs either to *T. lineola* or to some closely-allied species of that difficult group. This is one of those cases where a description represents merely a specimen, and not a species, and for this reason the name would better be suppressed.

## STIBASOMA.

*Stibasoma*, Schiner, Verh. zool.-bot. Ges. Wien, xvii. p. 310 (1867); Reise d. Novara, Zool. iii. Abth. 1, p. 93.