

## A PRELIMINARY LIST OF THE TABANIDAE (DIPTERA) OF FLORIDA

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(Continued from Vol. XIX, p. 63)

### *Tabanus sparus* var. *milleri* Whit.

Miami; St. Augustine; St. Petersburg (4) (Types); Inverness, III-18, 24 (1); Ft. Myers, IV-17-16 C. P. Whitney; Gainesville; Monticello, IV-18 to V-14-35; Wacissa, VI-5-35; Port St. Joe, V-20-35. Typical *sparus* from New England has the eyes immaculate, Florida specimens seem always to have a single dark band, while according to Bequaert (1933) those from Staten Island may be of either type.

### *Tabanus stygius* Say.

Georgiana, July (1); Monticello, V-27, 30-35.

### *Tabanus tener* O. S.

Indian River (Type); Clearwater, IV-29; Ormond; Lake Mary, March; Palm Beach, III-16 (1); St. Petersburg, IV-10-14; Ft. Myers, IV-9-16; West Palm Beach, IV-9-15, all C. P. Whitney; Lake City, V-9-09; Greenville, IV-25-35; Monticello, IV-28 to VI-3-35.

### *Tabanus trijunctus* Walk.

Very abundant, especially in the southern part of the state. St. Augustine, IV-20; Georgiana (1); Paradise Key, III-25-29; Deep Lake, V-27-34; Chokoloskee, IV-20-33; Sandy Key, Cape Sable, IV-28-33 W. J. Clench.

### *Tabanus trimaculatus* P. de B.

Monticello, V-12, 13-35; Greenville, V-18-35.

### *Tabanus turbidus* Wied.

Waldo; Orange Co., VI-25-29 M. M. Smith, Jr.; St. Cloud, IV-1933 (all in U. S. N. M.); Monticello, V-27 to VIII-27-35.

### *Tabanus vivax* O. S.

Lloyd, V-12, 21, 28-35.

### *Tabanus wiedemanni* O. S.

Enterprise, V-17-75; St. Augustine, V-19; Ormond (1); West Palm Beach, IV-4, 8-13, III-29-18 C. P. Whitney.

### *Tabanus pygmaeus* Will.

"Florida" Williston (Type); Lloyd, VIII-22-35; Ft. Myers, VIII-11-30 R. H. Beamer (Univ. Kansas).

This little species differs strikingly from other species of *Tabanus* known to me in the three-segmented third antennal joint, two rather swollen annuli and a very broad and short basal portion. In addition, the frons is very broad, lacks a denuded frontal callus or ocelligerous tubercle, and the eyes are bare. In general appearance it resembles a small specimen of *T. sparus* Whit. In view of its structural peculiarities, it would seem advisable to remove it from the already unwieldy genus *Tabanus* and place it in a separate subgenus, which I propose to call *Microtabanus*.

Dr. Alan Stone writes me that it seems close to *Glaucops* Szil. and that he has specimens of another species from Gainesville, IX-26 to X-2.

*Tabanus* (*Whitneyomyia*) *beatificus* Whit.

"Fla." Geo. D. Hulst (Type); Gainesville, V-11-25 D. M. Bates; Monticello, IV-5-35 (ex larva).

In addition to the species listed above, there are a number of others which are, for various reasons, omitted in the present list. Two species of *Tabanus* and one of *Chrysops* are in process of publication, and another species of *Tabanus* and two of *Chrysops* are being held for further study. *T. fur* Will. is very probably a synonym of *T. fronto* O. S. *T. sulcifrons* Macq., *recedens* Walk., and *giganteus* DeGeer, have all been recorded from the state, as has *Goniops chrysocoma*, but in each case there is some doubt either as to the record or the determination.

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