WHEN TO COLLECT TABANIDAE.

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While the Tabanidae are to be found in considerable numbers during the late spring and throughout the summer, there is generally a certain time when they are unusually abundant. This depends to a great extent on the latitude. In Florida they are most numerous during the latter part of May and stock suffer severely unless protected. The most characteristic species of this region are Tabanus trinjunctus Walk., T. mexicanus L., T. fusco punctatus Macq., and T. megerlei Wied., while Diachlorus ferrugutus Fabr. is often very annoying.

In Georgia and the Carolinas they are more abundant during the first two weeks of June, the species more or less confined to this section being T. turbidus Wd., T. fronto O. S., T. endymion O. S., T. tenera O. S., and the two black species T. lugubris Macq., and T. wiedemanni O. S. During the latter part of June while cruising along the west side of the Chesapeake Bay in search of miocene fossils I found Tabanidae very plentiful.

But the principal captures I wish to record were those made at Riverton, N. J. On July 4, 1902, it was my good fortune to run across a gentle cow that was tethered on a low piece of land near a creek with springs and a pond in close proximity, an ideal breeding place for Tabanids, and the day, an ideal one for the imagos. The cow was the center of attraction. I was her friend and she seemed to understand thoroughly what I was doing. In about two hours I had captured 12 species and 98 specimens of the genus Tabanus. On the 6th I again visited my pet cow and was rewarded by two additional species, and 102 specimens, divided among the following species:

- T. trimaculatus Pal.-Beau. 29  
- T. pumilus Macq. 18  
- T. sparsus Whitney 16  
- T. trispilus Wied. 9  
- T. nivosus O. S. 8  
- T. stygius Say. 5  
- T. superjumentarius Whit. 4

T. fulvulus Wied. 3  
T. lineola Fabr. 3  
T. coffeatus Macq. 2  
T. costalis Wied. 2  
T. reedens Walk. 1  
T. lasiophthalmus Macq. 1  
T. cinctus Fabr. 1

During the summer of 1903 I was equally fortunate in finding another gentle cow at Auburndale, Mass., but at no time did I find Tabanids very numerous. The following is a list of the species taken: — T. hinei Johnson, T. superjumentarius, T. lineola and T. pumilus, on July 12; T. coffeatus, T. stygius, T. atratus and T. sparsus, on August 2.
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