

A Bibliography of *Toxorhynchites rutilus*  
(Coquillett) (Diptera: Culicidae)

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INTRODUCTION

Recently there has been a renewed interest in mosquitoes of the genus *Toxorhynchites* Theobald because of their potential usefulness as biological control agents for other mosquitoes (Steffan 1975) and additional research on both the fundamental and applied aspects of the biology of these insects has been recommended (National Academy of Sciences 1973). We are currently investigating several aspects of the biology of the North American species, *Toxorhynchites rutilus* (Coquillett). In the course of this work we have compiled a bibliography of the species which we believe might be useful to other workers at this time.

Jenkins (1949) and Jenkins and Carpenter (1946) studied the North American *Toxorhynchites* and concluded that *T. rutilus* (Coquillett) was represented by two subspecies, viz. *T. r. rutilus* (Coquillett) which is restricted to Florida, Georgia and South Carolina, and *T. r. septentrionalis* (Dyar and Knab) which occurs in the eastern United States, north to New Jersey and Pennsylvania and west to Kansas, Oklahoma and Texas. Prior to these studies, the subspecies were regarded as separate species (i.e. *Toxorhynchites* (= *Megarhinus*) *rutilus* (Coquillett) and *Toxorhynchites* (= *Megarhinus*) *septentrionalis* (Dyar and Knab)).

The subject matter of each reference in the following bibliography is indicated in square brackets following each citation. The following code applies:

- "B" - biology
- "D" - geographic distribution
- "T" - taxonomic treatment.

In those instances in which it is known, the subspecies of *T. rutilus* to which the paper refers is indicated in parentheses following the citation; the following code applies:

- "R" - subspecies *rutilus*
- "S" - subspecies *septentrionalis*.

We would appreciate it if readers would draw to our attention any omissions from this bibliography.

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## ADDITIONAL REFERENCE

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