

RECORDS OF KENTUCKY TABANIDAE (DIPTERA) INCLUDING SPECIES NEW TO THE STATE FAUNA¹

Alta M. Burnett, Charles V. Covell, Jr., L.L. Pechuman²

ABSTRACT: Collecting data are reported for 28 species of Tabanidae from Kentucky, including 6 new state records which increase the known state tabanid fauna to 60 species.

A revised annotated checklist of 54 species of Tabanidae from Kentucky, including 13 new state records, was published recently (Burnett *et al.* 1978). The following information is an addendum to that list and includes six new state records. With one exception which is noted, all of the county records reported here are new. New seasonal records for those previously reported species which are listed here are italicized. The name of the collector when known concludes each entry.

The records presented here are based upon specimens in the University of Louisville, the Illinois Natural History Survey and the University of Kentucky collections.

Again the arrangement of genera and species follows that of Philip *in* Stone *et al.* (1965). Thus species are listed alphabetically within each genus, not in any presumed phylogenetic order.

SUBFAMILY CHRYSOPINAE

Genus *Chrysops* Meigen

Chrysops callidus Osten Sacken. Ballard Co., 3 km NW of Barlow, 27 July 1978, D.W. Webb; Edmonson Co., Bylew Creek, 5 mi NE of Brownsville, 28-30 May 1978, E.A. Lisowski; Hart Co., Munfordville, 14 May 1979, E.A. Lisowski; Warren Co., 1 mi SE of Anna, 27 May 1979, E.A. Lisowski. The county listed for the Lake Sympton entry in our initial paper was in error. The entry stands corrected as follows: Nelson Co., vic. Lake Sympton, 7 July 1972, C.V. Covell, Jr.

Chrysops calvus Pechuman and Teskey. NEW STATE RECORD. Edmonson Co., Bylew Creek, 5 mi NE of Brownsville, 28-30 May 1978, E.A. Lisowski.

Chrysops cincticornis Walker. NEW STATE RECORD. Hart Co., Munfordville, 14 May 1979, E.A. Lisowski.

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²Respective addresses: Dept. of Medicine, University of Louisville, Louisville, KY 40292; Dept. of Biology, University of Louisville, Louisville, KY 40292; and Dept. of Entomology, Cornell University, Ithaca, NY 14853. University of Louisville Contribution in Biology No. 198 (New Series).

Chrysops flavidus Wiedemann. Christian Co., Pennyrile Forest State Resort Park, 18 June 1979, C.C. Cornett.

Chrysops impunctus Krober. Menifee Co., Red River Gorge, 20 July 1979, T. Johnson.

Chrysops macquarti Philip. Bullitt Co., Bernheim Forest, 2 June 1977, S. Reigler; Warren Co., 1 mi SE of Anna, 27 May 1979, E.A. Lisowski.

Chrysops niger Macquart. Mercer Co., 4 May 1951.

Chrysops pikei Whitney. Ballard Co., 3 km NW of Barlow, 27 July 1978, D.W. Webb; Warren Co., 1 mi SE of Anna, 27 May 1979, E.A. Lisowski.

Chrysops reicherti Fairchild. NEW STATE RECORD. Ballard Co., 3 km NW of Barlow, 27 July 1978, D.W. Webb.

Chrysops sequax tau Philip. NEW STATE RECORD. Shelby Co., 9 Sept. 1977, L.E. McCoy.

Chrysops upsilon Philip. Fulton Co., Reelfoot National Wildlife Refuge, 16 Sept. 1979, C.V. Covell, Jr.

Chrysops vittatus Wiedemann. Bullitt Co., Bernheim Forest, 27-31 July 1977, Malaise trap.

SUBFAMILY TABANINAE

Genus *Chlorotabanus* Lutz

Chlorotabanus crepuscularis (Bequaert). NEW STATE RECORD. Trigg Co., Land Between the Lakes, 24 June 1971, P.H. Freytag and G. Leppert.

Genus *Tabanus* Linnaeus

Tabanus atratus Fabricius. Casey Co., Liberty, 1 May 1957; Taylor Co., Campbellsville, 7 Oct. 1953.

Tabanus calens Linnaeus. Rockcastle Co., Rockcastle River, 1 mi E of Bilows, 15 Aug. 1978, L.M. Page.

Tabanus exilipalpis Stone. NEW STATE RECORD. Edmonson Co., Bylew Creek, 5 mi NE of Brownsville, 28-30 May 1978, E.A. Lisowski.

Tabanus fulvulus Wiedemann. Edmonson Co., Mammoth Cave National Park, 8 mi E of Brownsville, 8 June 1978, E.A. Lisowski; Menifee Co., Red River Gorge, 21 July 1979, T. Johnson; Nelson Co., Gethsemane, 9 July 1966.

Tabanus molestus molestus Say. Edmonson Co., Mammoth Cave National Park, 8 mi E of Brownsville, 8 June 1978, E.A. Lisowski; Henry Co., 25 Sept. 1977, P.D. Barker.

Tabanus pallidescens Philip. Edmonson Co., Mammoth Cave National Park, 8 mi E of Brownsville, 8 June 1978, E.A. Lisowski; Fayette Co., Lexington, 11 Oct. 1965, L.H. Townsend.

Tabanus quinquevittatus Wiedemann. Bullitt Co., Bernheim Forest, 27-31 July 1977, Malaise trap.

Tabanus sackeni Fairchild. Hardin Co., Vertrees, Route 920, 5 Aug. 1974, M.E. Kral; Jefferson Co., Louisville, 8 Sept. 1976 and 11 Sept. 1977, J.A. Long and C.F. Yates; Meade Co., Otter Creek Park, 27 July and 10 and 17 Aug. 1979, T. Johnson and C.V. Covell, Jr.; Menifee Co., Red River Gorge, 21 July 1979, T. Johnson; Rockcastle Co., Rockcastle River, 1 mi E of Bilows, 15 Aug. 1978, L.M. Page; Russell Co., Lake Cumberland State Resort Park, 14 Aug. 1979, C.C. Cornett.

Tabanus sparus Whitney. Bullitt Co., Bernheim Forest, 2 June 1977, S. Reigler.

Tabanus sublongus Stone. Bullitt Co., Bernheim Forest, 27-31 July and 1-14 Aug. 1977, Malaise trap; Jefferson Co., Louisville, 8 Sept. 1976, J.A. Long.

Tabanus subsimilis Bellardi. Clark Co., Winchester, 20 May 1951; Meade Co., Otter Creek Park, 10, 17 Aug. 1979, T. Johnson; Nelson Co., Gethsemane, 9 July 1966; Shelby Co., Shelbyville, 2 June 1966.

Tabanus sp., nr. *sulcifrons* Macquart. Hopkins Co., Madisonville, 7 Oct. 1977, E. DiBlasi.

Tabanus turbidus Wiedemann. Edmonson Co., Mammoth Cave National Park, 8 mi E of Brownsville, 8 June 1978, E.A. Lisowski (not new county record); Hart Co., E of Mammoth Cave National Park, 2 mi SW of Northtown, 4 Aug. 1979, E.A. Lisowski.

Genus *Hybomitra* Enderlein

Hybomitra difficilis (Wiedemann). Edmonson Co., Mammoth Cave National Park, 27 May 1979, E.A. Lisowski; Warren Co., 1 mi SE of Anna, 27 May 1979, E.A. Lisowski.

Hybomitra lasiophthalma (Macquart). Edmonson Co., Bylew Creek, 5 mi NE of Brownsville, 28-30 May 1978, E.A. Lisowski; Hart Co., 1 mi SSE of Rowletts, 11-14 May 1979, E.A. Lisowski; Russell Co., Fonthill, 12 May 1957.

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