

SCATTERED RECORDS OF TEXAS AND LOUISIANA ODONATA WITH ADDITIONAL NOTES ON THE ODONATA OF DALLAS COUNTY

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This paper is a continuation of the one published in 1940*. Additional data are given on the Odonata of Dallas County, with some records for other counties of Texas. Information was assembled through personal trips made and from specimens collected by friends. Needham and Heywood, *Handbook of the Dragonflies of North America*, was used for identifications and these were verified by Professor J. G. Needham and Mrs. H. K. Gloyd.

Chief Collecting Stations

1.) Denton County: McMatt's spring and pond. This is located in a red sandy region near the town of Aubrey. The pond, about 25 by 50 feet, is spring-fed and drains into a small creek.

2.) Tarrant County: A pond located in a red sandy region about one mile south of Arlington and used chiefly as a watering place for cattle, was visited several times.

3.) Anderson County: "Athens bog," located 15 miles southeast of Athens, is a boggy area fed by a rapid, cold-water creek. Typical Texas bog plants cover the area, under large deciduous trees.

4.) Hardin County: This is in the Big Thicket area of Texas, where long- and short-leaf pines are common. The chief collecting station was at a "lake" near the town of Silsbee. This body of water, about 200 by 400 feet in size, was mostly in the reed-swamp stage of a biotic succession.

*Ferguson, Alice (1940) "A Preliminary List of the Odonata of Dallas County," *Field and Laboratory*, Vol. 8, pp. 1-10.

The following species were collected:

1. *Tachopteryx thoreyi* Hagen. Athens bog in Anderson County. Individuals resting on trunks of oak trees, (June) could hardly be detected because of their gray color. These trees, scattered in a clearing on a boggy hillside, were about a hundred feet away from the dense vegetation of the lower bog. Although several trips were made to this station, no more were observed.

2. *Progomphus obscurus* Rambur. Station 11 (June); Station 12 (June and July); and on McMATT's Creek, Denton County (June).

3. *Erpetogomphus designatus* Hagen. Dallas County (July).

4. *Gomphus oklahomensis* Pritchard. An unlabeled specimen in the Southern Methodist University collection probably from Dallas, Anderson, or Harrison County was secured in 1938.

5. *Gomphus externus* Hagen. On the edge of a boggy creek, at Grapeland, Houston County (May 1, 1940).

6. *Gomphus militaris* Hagen. Station 12, Parson's Slough, Kaufman County; and Arlington Pond, Tarrant County (June and July, 1940).

7. *Gomphus lentulus* Needham. An unlabeled individual in the Southern Methodist University collection was probably taken in Dallas, Denton, or Harrison County during the spring of 1938.

8. *Epiaeschna heros* Fabricius. Two females, one ovipositing, were collected at a lake near Silsbee in Hardin County (May).

9. *Macromia pacifica* Hagen. An individual of this species, labeled "Texas, 1938," is in the Southern Methodist University collection.

10. *Epicordulia princeps* Hagen. McMATT's pond, Denton County (July). The agile habits of this species made it necessary to collect them with a gun carrying a charge of powdered shot.

11. *Perithemis tenera* Say. McMATT's pond, Denton

County (July); Anderson County (May) and Harrison County (April).

12. *Celithemis eponina* Drury. A specimen is in the Southern Methodist University collection, labeled "Brazos County, August."

13. *Celithemis elisa* Hagen. Hardin County (May).

14. *Celithemis fasciata* Kirby. Athens bog in Anderson County (June).

15. *Erythrodiplax minuscula* Rambur. At a lake near Silsbee, in Hardin County (May).

16. *Orthemis ferruginea* Fabricius. Denton County (July).

17. *Libellula luctuosa* Burmeister. McMatt's pond, Denton County (July); Bexar County (spring, 1938, John Robinson, coll.).

18. *Libellula croceipennis* Selys. McMatt's creek, Denton County (August).

19. *Libellula auripennis* Burmeister. New Orleans, Louisiana (August, 1940, Ruth Sanders, coll.).

20. *Libellula comanche* Calvert. Several were collected by Ottys Sanders at Lake Worth, Tarrant County (July).

21. **Libellula cyanea* Fabricius. Athens bog in Anderson County (July).

22. **Libellula falvida* Rambur. Aubrey pond in Denton County (June).

23. **Libellula vibrans* Fabricius. New Orleans, Louisiana (August, Ruth Sanders, Coll.).

24. *Plathemis lydia* Drury. Aubrey pond, Denton County (July).

25. *Sympetrum corruptum* Hagen. McMatt's creek, Denton County (July).

26. *Pachydiplax longipennis* Burmeister. McMatt's creek, Lake Dallas, and Aubrey pond, all in Denton County (July and August); Arlington pond, Tarrant County (July); Brazos County (August); Ruston, Louisiana (September).

27. *Micrathyria hageni* Walsh. Station 1 (July).

28. *Mesothemis simplicicollis* Say. McMATT's creek, Denton County (June and August); Arlington pond (July); Bexar County (spring, 1938, John Robinson, coll.).

29. *Dythemis velox* Hagen. Station 17 (August); Dallas County (April); Arlington pond, Tarrant County (July).

30. *Dythemis fugax* Hagen. Dallas County (August); Parson's slough, Kaufman County (July).

31. *Brechmophoga mendax* Hagen. Station 12 (June).

32. *Pantala flavescens* Fabricius. Dallas County (August).

33. *Pantala hymenea* Say. Station 13 (June); Dallas (August).

34. *Tramea lacerata* Hagen. McMATT's creek, Denton County (July); Ruston, Louisiana (September, Howard Spivey, coll.).

35. **Tramea carolina* Linnaeus. Dallas (June); Ruston, Louisiana (September, Howard Spivey, coll.).

36. **Agrion dimidiatum* Burmeister. Hardin County (May; Ruth Sanders, coll.).

37. *Agrion maculatum* Beauvais. Camp Kiwanis, Dallas County (July); McMATT's spring, Denton County (July and August); Anderson County (April, June and July).

38. *Hetaerina americana* Fabricius. Station 13 (June); McMATT's spring, Denton County (June); Bexar County (spring, 1938, John Robinson, coll.).

39. *Archilestes grandis* Rambur. Stations 13 and 17 (June and September); twenty-one miles northwest of Denton (August). Although much collecting was done in Dallas County during 1937, this odonate was not observed until August of that year, and at but one station. During subsequent years, this damselfly has been common along creeks and ponds of Dallas County.

40. *Lestes disjunctus* Selys. An individual flew into a Southern Methodist University laboratory during a late afternoon in June; also collected at Willard lake, Hardin County.

41. *Argia agrioides* Calvert. Stations 12 and 13 (May and June).

42. *Argia apicalis* Say. Arlington pond, Tarrant County (July); Lake Dallas and McMatt's pond, Denton County (June and July).

43. *Argia immunda* Hagen. Stations 11 and 12 (July); McMatt's spring, Denton County (June and July).

44. *Argia moesta* Hagen. Station 18 (July); Clear creek and Aubrey pond, Denton County (June); Palo Pinto County (May).

45. *Argia sedula* Hagen. McMatt's, Denton County (June); Bexar County (spring, 1938, John Robinson, *coll.*).

46. *Argia tibialis* Rambus. Silsbee lake, Hardin County (May); Henderson County (July).

47. *Hesperagrion heterodoxum* Selys. Common along a small spring-fed creek with scarcely any vegetation on its banks on Miter Peak ranch, Jeff Davis County (April).

48. *Telebasis salva* Hagen. Station 15 (June).

49. *Enallagma civile* Hagen. Station 12 (November).

50. *Enallagma basidens* Calvert. Station 5 (April); McMatt's spring, Denton County (July).

51. **Enallagma signatum* Hagen. Anderson County (May); McMatt's spring, Denton County (July).

52. *Ischnura ramburii* Selys. Denton County, 1937.

53. *Ischnura posita* Hagen. McMatt's spring, Denton County (June).

54. *Anomalagrion hastatum* Say. Denton County (June); Willard lake, Hardin County (May).

Summary

Fifty-four species (eight of them believed to be new records for Texas), contained in 31 genera, are listed in this paper. Many of these records are additional to those already reported for Dallas County; there are also scattered records for twelve other Texas counties and a few for Louisiana.