

MACROMIA ALLEGHANIENSIS WILLIAMSON IN OHIO  
WITH NEW RECORDS OF OTHER ODONATA IN OHIO

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In the course of working on the Williamson-Kennedy Collection of Odonata in the University of Michigan Museum of Zoology (UMMZ) for the purpose of revising the list of Michigan Odonata a number of unpublished records of Ohio Odonata were found. Some of this material apparently was not available at the time Borror prepared his list of Ohio dragonflies (Borror, 1937). Additional records were found, including that of a species new to Ohio, *Macromia alleghaniensis*, among the undetermined material from Ohio acquired in the collections of the late Dr. Clarence H. Kennedy and the late Dr. Mike Wright. Dr. T. H. Hubbell, Director of the UMMZ, kindly permitted my use of the collection for this paper.

In the following list the species are numbered in accordance with the several previous papers on Ohio Odonata the most recent of which is that of Price (1950). Names of collectors are given in parentheses after the county record and are abbreviated as follows:

BEM—B. Elwood Montgomery	IJC—Irving J. Cantrall
CHK—Clarence H. Kennedy	JJF—James J. Friauf
DSK—D. S. Kellicott	JSH—J. S. Hine
EBW—E. B. Williamson	MW—Mike Wright
GWB—George W. Byers	RCO—R. C. Osburn
HRW—H. R. Watts	RRD—R. R. Dreisbach

LIST OF SPECIES

8. *Gomphus (Gomphurus) crassus* Hagen. Madison (CHK).
9. *Gomphus exilis* Selys. Columbiana (EBW).
10. *Gomphus (Gomphurus) fraternus* (Say). Knox (no collector), Licking (CHK), Lucas (EBW), Madison (CHK), Morgan (DSK).
14. *Gomphus lividus* Selys. Columbiana (EBW), Madison (CHK).
17. *Gomphus quadricolor* Walsh. Ashland (EBW).
20. *Gomphus (Gomphurus) vastus* Walsh. Knox (no collector).
22. *Gomphus (Arigomphus) villosipes* Selys. Hamilton (EBW), Mahoning (EBW).
28. *Basiaeschna janata* (Say). Columbiana (EBW).
31. *Anax junius* (Drury). Columbiana (EBW).
37. *Aeshna mutata* Hagen. Logan (EBW).
43. *Cordulegaster obliquus* (Say). Medina (JSH).
139. *Macromia alleghaniensis* Williamson. A state record. Two males of this distinctive species were taken by the late Dr. Kennedy at the Put-In-Bay Lake Laboratory (Ottawa County) on Lake Erie during the summer of 1934. No specific dates are listed with the data. The distribution of this species is interesting in that except for a record from Kentucky it has been taken only in the coastal states from Pennsylvania and New Jersey to Alabama. Whether this species has become permanently established in Ohio remains to be seen.
46. *Didymops transversa* (Say). Columbiana (EBW).
49. *Epicordulia princeps* (Hagen). Hamilton (EBW).
55. *Celithemis elisa* (Hagen). Hamilton (EBW).
57. *Celithemis monomelaena* Williamson. Ashland (EBW).

65. *Plathemis lydia* (Drury). Columbiana (EBW).
66. *Libellula pulchella* Drury. Hamilton (EBW).
68. *Libellula semifasciata* Burmeister. Knox (EBW), Logan (EBW).
73. *Sympetrum rubicundulum* (Say). Columbiana (EBW), Harrison (GWB), Hocking (MW).
76. *Sympetrum vicinum* (Hagen). Columbiana (EBW), Harrison (GWB).
77. *Leucorrhinia intacta* (Hagen). Columbiana (EBW).
83. *Tramea lacerata* Hagen. Hamilton (EBW).
87. *Calopteryx maculatum* (Beauvois). Lawrence (JSH), Mahoning (EBW).
88. *Hetaerina americana* (Fabricius). Columbiana (EBW).
91. *Lestes congener* Hagen. Delaware (MW).
96. *Lestes rectangularis* Say. Fulton (JSH).
97. *Lestes dryas* Kirby. Fulton (JSH).
102. *Argia moesta* (Hagen). Huron (RRD), Monroe (MW).
104. *Argia tibialis* (Rambur). Ashland (CHK), Lawrence (JSH), Mahoning (EBW).
108. *Nehalennia irene* (Hagen). Ashland (EBW).
109. *Chromagrion conditum* (Hagen). Ashland (EBW), Columbiana (EBW), Knox (EBW).
111. *Enallagma aspersum* (Hagen). Mahoning (EBW).
113. *Enallagma carunculatum* Morse. Summit (JSH).
114. *Enallagma civile* (Hagen). Hamilton (EBW).
115. *Enallagma divagans* Selys. Columbiana (EBW).
117. *Enallagma ebrium* (Hagen). Lucas (EBW).
118. *Enallagma exsulans* (Hagen). Summit (JSH).
119. *Enallagma geminatum* Kellicott. Hamilton (EBW), Henry (JSH).
124. *Ischnura posita* (Hagen). Columbiana (EBW).
126. *Ischnura verticalis* (Say). Columbiana (EBW).

The extensions of seasonal range as ascertained in this review are as follows (the species are numbered as above):

10. *Gomphus (Gomphurus) fraternus* (Say). April 26, 1941 (Franklin, MW).
13. *Gomphus (Gomphurus) lineatifrons* Calvert. June 17, 1935 (Franklin, IJC).
15. *Gomphus (Stylurus) notatus* Rambur. June 1, 1899 (Lawrence, RCO).
17. *Gomphus quadricolor* Walsh. June 19, 1900 (Portage, RCO).
18. *Gomphus spicatus* Hagen. July 10, 1899 (Erie, RCO).
20. *Gomphus (Gomphurus) vastus* Walsh. July 17, 1920 (Ottawa, CHK).
22. *Gomphus (Arigomphus) villosipes* Selys. June 25, 1904 (Hamilton, EBW).
48. *Neurocordulia yamaskanensis* (Provancher). June 29, 19— (Ottawa, CHK).
57. *Celithemis monomelaena* Williamson. June 9, 1915 (Ashland, EBW).
60. *Ladona julia* (Uhler). June 23, 1898 (Portage, JSH).
63. *Libellula incesta* Hagen. June 19, 1899 (Erie, RCO).
73. *Sympetrum rubicundulum* (Say). October 10, 1901 (Columbiana, EBW).
90. *Archilestes grandis* (Rambur). August 24, 1939 (Butler, BEM).
92. *Lestes disjunctus australis* Walker. April 20, 1941 (Franklin, MW).
95. *Lestes inaequalis* Walsh. May 31, 1941 (Logan, HRW).
104. *Argia tibialis* (Rambur). May 27, 1899 (Lawrence, JSH).
110. *Enallagma antennatum* (Say). September 24, 1938 (Lucas, JJF).
115. *Enallagma divagans* Selys. July 4, 1930 (Logan, EBW).

#### REFERENCES CITED

- Borror, D. J.** 1937. An annotated list of the dragonflies (Odonata) of Ohio. Ohio Jour. Sci. 37: 185-196.
- Price, H. F.** 1950. Notes on the dragonflies (Odonata) of northwestern Ohio. Ohio Jour. Sci. 50: 71-78.