

## ADDITIONAL RECORDS OF GEORGIA (UNITED STATES) ODONATA FROM THE B.E. MONTGOMERY ARCHIVES

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**Abstract** – In 2006, the B.E. Montgomery archives, housed at the International Odonata Research Institute, Gainesville, Florida, USA, was sorted. A number of county records omitted from MAUFFRAY & G. BEATON (2005, *Bull. Am. Odonatol.* 9[2]: 21-66) are listed here with a few notes on “doubtful” and “expected” species.

### Introduction

In June 2005, the author along with Giff Beaton, published “The distribution of dragonflies and damselflies (Odonata) in Georgia” (MAUFFRAY & BEATON, 2005). In preparation for that publication an extensive review of historical records was performed. What was overlooked was the fact that the late Basil Elwood Montgomery had undertaken a similar review of historical records and had accumulated a number of records himself. Montgomery and Jerry M. Macklin were preparing a manuscript in the mid 1970’s and were planning on publishing a comprehensive study of Georgia Odonata, similar to the one recently published.

After “Monty’s” death, as he was commonly referred to, his notes and personal archives were transferred to the International Odonata Research Institute in Gainesville, Florida, USA. This massive material remained in boxes at the Doyle Conner Center until recently. Collection and storage space re-organization in the Odonata section of the FSCA/IORI has been going on for a few years to consolidate all of the Odonata related material, library, and specimen collections into one location. It was decided to sort the archive materials, put them in zip-lock and standard sized boxes, which were labeled for easy reference.

It was during the re-organization of the B.E. Montgomery material that his Georgia project notes were discovered. Since Montgomery was very active in the early formation of the S.I.O,

it was decided to publish his Georgia additions here. Even though there were no new state records, there were quite a few county records. Listed are only those county records which are in addition to MAUFFRAY & BEATON study of 2005. These records are mostly from F.W. Fattig of Emory University, William H. Cross of University of Georgia and Strohecker (no first name given). A few interesting notes about some that were listed as “doubtful” and/or “expected” species are included as well as a bibliographic reference which was omitted, in the above said publication.

### Additional records added

- *Calopteryx dimidiata* Burmeister, 1839: Calhoun, Washington
- *Calopteryx maculata* (Beauvois, 1805): Bibbs
- *Hetaerina americana* (Fabricius, 1798): late date Oct 7
- *Lestes australis* Walker, 1952: Calhoun, Lee, Sparks
- *Lestes vigilax* Hagen in Selys, 1862: Richmond
- *Argia apicalis* (Say, 1839): Crawford, Dekalb, Taylor, Thomas
- *Argia bipunctulata* (Hagen, 1861): Fannin, early date May 2
- *Argia f. fumipennis* (Burmeister, 1839): early date Mar 29
- *Argia f. violacea* (Hagen, 1861): De Kalb
- *Argia moesta* (Hagen, 1861): Thomas
- *Argia sedula* (Hagen, 1861): Dooly
- *Enallagma aspersum* (Hagen, 1861): Richmond, early date Mar 20
- *Enallagma davisii* Westfall, 1943: State, Crawford
- *Enallagma daeckii* (Calvert, 1903): Jefferson, Richmond, Wilkinson
- *Enallagma divagans* Selys, 1876: new early date Mar 30
- *Enallagma doubledayi* (Selys, 1850): Richmond, new early date Apr 4

- *Enallagma geminatum* Kellicott, 1895: Bibb, Wilkinson
- *Enallagma signatum* (Hagen, 1861): Calhoun
- *Enallagma traviatum traviatum* Selys, 1876: Taylor
- *Enallagma vesperum* Calvert, 1919: Bartow.
- *Ischnura hastata* (Say, 1839): De Kalb, Sumter, Thomas
- *Ischnura posita* (Hagen, 1861): Bibb, Pike
- *Ischnura verticalis* (Say, 1839): remove Burke (by31) misidentified *hastata*
- *Tachopteryx thoreyi* (Hagen in Selys, 1858): Polk
- *Anax longipes* Hagen, 1861: Richmond
- *Epiaeschna heros* (Fabricius, 1798): Thomas.
- *Gomphaeschna furcillata* (Say, 1839): Sumter, Richmond, late date Apr 18
- *Dromogomphus spinosus* Selys, 1854: Thomas
- *Dromogomphus spoliatus* (Hagen in Selys, 1858): Jefferson
- *Gomphus (Gomphurus) dilatatus* Rambur, 1842: Thomas
- *Gomphus (Gomphus) lividus* Selys, 1854: Bibb, Columbia
- *Gomphus (Gomphus) minutus* Rambur, 1842: Crawford
- *Progomphus obscurus* (Rambur, 1842): Schley
- *Didymops transversa* (Say, 1839): Sumter
- *Macromia taeniolata* Rambur, 1842: Wayne
- *Epitheca (Tetragoneuria) cynosura* (Say, 1839): Crawford, Decatur, Lee, Sumter
- *Celithemis fasciata* Kirby, 1889: Henry, Mitchell, new early date May 8
- *Celithemis verna* Pritchard, 1935: Crawford.
- *Erythrodiplax minuscula* (Rambur, 1842): Habersham
- *Ladona deplanata* Rambur, 1842: Richmond
- *Libellula auripennis* Burmeister, 1839: Fulton
- *Libellula axilena* Westwood, 1837: Emanuel,

New late date Aug 8

- *Libellula semifasciata* Burmeister, 1839: Lanier
- *Libellula vibrans* Fabricius, 1793: Rabun
- *Perithemis tenera* (Say, 1839): Mitchell
- *Sympetrum vicinum* (Hagen, 1861): Bartow, Richmond
- *Tramea lacerata* Hagen, 1861: Richmond

**Additional notes on “doubtful records” and “expected” species**

*Erythrodiplax umbrata* (Linnaeus, 1758). A single specimen was collected by W.H. Cross in Clarke Co., Georgia (specific location not listed). A letter dated May 4, 1973 from Warren T. Atyeo to B. Elwood Montgomery, and also a letter from W.H. Cross dated Sept 7, 1954 list that specimen with no locality in his collection are from Georgia.

*Libellula jesseana* Williamson, 1922. The same letter dated 1973 reports that many specimens from Emory were destroyed by fire and/or dermestids while in storage between 1953 and 1966 when the collection was transferred to University of Georgia collection. These specimens are listed “Macon GA - 2 specimens ID by Strohecker, Leesburg GA - 1 and Waycross Georgia - 1.”

*Lestes forcipatus* Rambur, 1842. – Root specimen was checked at the request of Montgomery and it was *australis*”

**Bibliographic reference added**

BROUGHTON, Elise, 1928. Some new Odonata nymphs. *Can. Ent.* 60: 32-34.

**References** – MAUFFRAY, B. & G. BEATON, 2005. *Bull. Am. Odonatol.* 9(2): 21-66.

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