



The Ohio Dragon - Flier



* *Newsletter of the Ohio Odonata Society* *

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2009 OHIO ODONATA SOCIETY OFFICERS : *By Bob Restifo & Steve Chordas III*

Officer elections were held at the 2009 OOS annual meeting in Ada, Ohio. Results of the elections follow.

Officers for 2009 - 2010 : (officers hold their elected positions until the next annual meeting in 2010)

- President :** *Brian Keas* (Ohio Northern University, Ada Ohio)
- Vice President :** *Erik Pilgrim* (U.S. Environmental Protection Agency, Cincinnati, Ohio)
- Treasurer :** *Robert Restifo* (Ohio Department of Health, retired, Columbus Ohio)
- Member at Large :** *Bill Hull* (Cincinnati, Ohio)
- Past President :** *Dan Riggs* (Sheridan High School, Thornville Ohio)

2009 OHIO ODONATA SOCIETY PHOTOGRAPHIC RECORDS COMMITTEE: *By Steve Chordas III*

In the last issue of the Dragon-flier (volume 19 #1), a call for volunteers who would have liked to be nomination for the Photographic Records Committee was put forth. Many thanks to all those who responded; we had many responses. Two new members were elected at the 2009 OOS annual meeting in Ada, Ohio. Congratulations to both *Mark Dilley* and *Judy Semroc* - the newest member of the OOS Photographic records committee. All members serve on the committee for a period of 3 years. At each annual meeting, 2 new members are elected to replace 2 of the 6 members who served their 3 year position on the committee.

The 6 member Photographic Records Committee currently consists of the following individuals with their e-mail contact information:



- 1 year (2009): **Bob Glotzhober** (bglotzhober@ohiohistory.org) & **Shane Meyers** (rebo429@gmail.com)
- 2 years (2009, 2010): **Tom Shultz**, Committee Chair (schultz@cc.denison.edu) & **John Pogacnik** (jpogacnik@adelphia.net)
- 3 years (2009, 2010, 2011): **Mark Dilley** (madilley@att.net) & **Judy Semroc** (rainefox@neo.rr.com)

✓ If you have an Odonata photo record to submit, or would like additional information about OOS photo records, contact the committee chairperson (Dr. Tom Shultz).

2008 BROWN COUNTY ADVENTURE : +8 NEW COUNTY RECORDS!

By George L. Harp, Phoebe Harp & Steve W. Chordas III

The 2008 OOS field trip to Knox County locations during the weekend of 21 and 22 June 2008 produced 3 new county records (See Knox county article : Dragon-flier volume 18(3) page 5). Joining the group that weekend were Dr. George & Phoebe Harp from Arkansas. They visited sites in Brown County, Ohio (see Ohio Map) on their return trip to



Arkansas on 23,24 & 25 June. Of Ohio's 88 counties, Brown County was near the bottom of the list with respect to the known Odonata's. We suspected this deficiency was a collections / photographic records artifact and not attributable to the absence of odonates in the county.

Species list / OOS Field Trip / 23-June-2008.

Indian Creek Wildlife Area, ¾ mi E of U.S. Hwy 68 (S edge of Fayetteville), pond at W boundary of area, N side of Campbell road.

Zygoptera = *Enallagma geminatum* (Skimming bluet); *Ischnura posita* (Fragile forktail); *Lestes rectangularis** (Slender spreadwing);

Anisoptera = *Anax junius* (Green darner); *Erythemis simplicicollis* (Eastern pondhawk); *Libellula cyanea* (Eastern spangled skimmer); *Libellula incesta** (Slaty skimmer); *Libellula luctuosa* (Widow skimmer); *Libellula pulchella* (Twelve-spotted skimmer); *Perithemis tenera* (Eastern amberwing); *Plathemis (=Libellula) lydia* (Common whitetail); *Tramea lacerata* (Black saddlebags).

Species list / OOS Field Trip / 24-June-2008.

Site #1 : Indian Creek Wildlife Area, ½ mi E of Fayetteville on U.S. Hwy 50, then S to corner of Murray Corner Road and Campbell Road, Indian Creek Marsh.

Zygoptera = *Enallagma vesperum* (♀)* (Vesper bluet); *Ischnura hastata** (Citrine forktail); *Ischnura posita* (Fragile forktail); *Ischnura verticalis* (Eastern forktail); *Lestes rectangularis** (Slender spreadwing);

Anisoptera = *Anax junius* (Green darner); *Celithemis eponina* (Halloween pennant); *Epithecya princeps* (Prince baskettail); *Erythemis simplicicollis* (Eastern pondhawk); *Libellula cyanea* (Eastern spangled skimmer); *Libellula incesta** (Slaty skimmer); *Libellula luctuosa* (Widow skimmer); *Libellula semifasciata** (Painted skimmer); *Pachydiplax longipennis* (Blue dasher); *Perithemis tenera* (Eastern amberwing); *Plathemis (=Libellula) lydia* (Common whitetail); *Tramea carolina** (Carolina saddlebags); *Tramea lacerata* (Black saddlebags);

Site #2 : Indian Creek Wildlife Area, lake at end of wildlife area Road D-5.

Zygoptera = *Ischnura hastata** (Citrine forktail); *Ischnura posita* (Fragile forktail); *Lestes rectangularis** (Slender spreadwing);

Anisoptera = *Anax junius* (Green darner); *Erythemis simplicicollis* (Eastern pondhawk); *Libellula cyanea* (Eastern spangled skimmer); *Libellula incesta** (Slaty skimmer); *Libellula luctuosa* (Widow skimmer); *Pachydiplax longipennis* (Blue dasher); *Plathemis (=Libellula) lydia* (Common whitetail)

Species list / OOS Field Trip / 25-June-2008.

White Oak Creek ~ 1.5 mi W of Wahlsburg, from ~ ¼-¾ mi upstream of White Oak Creek Road bridge.

Zygoptera = *Argia fumipennis violacea* (Violet dancer); *Argia moesta* (Powdered dancer); *Argia sedula* (Blue-ringed dancer); *Argia tibialis** (Blue-tipped dancer); *Calopteryx maculata* (Ebony jewelwing); *Enallagma exsulans* (Stream bluet); *Ischnura verticalis* (Eastern forktail);

Anisoptera = *Erythemis simplicicollis* (Eastern pondhawk); *Gomphus graslinellus** (Pronghorn clubtail); *Libellula luctuosa* (Widow skimmer); *Pachydiplax longipennis* (Blue dasher); *Perithemis tenera* (Eastern amberwing); *Plathemis (=Libellula) lydia* (Common whitetail).

* = New Brown County Record.

✓ All collections were made by Dr. George Harp and Phoebe Harp.

✓ All voucher specimens of the above listed species were retained by Dr. George L. Harp, and are deposited into the Arkansas State University Museum of Zoology Collection, Jonesboro Arkansas.

8 new Brown County records at a glance

Zygoptera = 4 new records.

Argia tibialis (Blue-tipped dancer)
Enallagma vesperum (Vesper bluet)
Ischnura hastata (Citrine forktail)
Lestes rectangularis (Slender spreadwing)

Anisoptera = 4 new records.

Gomphus graslinellus (Pronghorn clubtail)
Libellula incesta (Slaty skimmer)
Libellula semifasciata (Painted skimmer)
Tramea carolina (Carolina saddlebags)

Point / species of interest? The damselfly *Telebasis byersi* (Duckweed Firetail) is known from West Virginia but is currently unrecorded for Ohio. See photo of *Telebasis byersi* (Figure 1). In West Virginia this species is known from Cabell County (located along the Ohio River) which is only about 2 counties removed to the East of Brown

County, Ohio. Anyone searching for yet more Brown County records in 2009 or beyond is encouraged to also visit duckweed stands near the Ohio River. A chance to pick up a New Ohio State Record may await!



Figure 1. *Telebasis byersi* (Duckweed Firetail) Photo by Stephen Cresswell (www.stephencresswell.com) used with permission from Stephen Cresswell.

New Dragon-flier section ?
ODONATA IN EVERYDAY LIFE ?
By Steve Chordas III

This section of the newsletter is intended to be a member driven / member contribution section. Where in your everyday life (i.e. your home, car, work, hobbies, etc) do odonates occur or are part of ?

For example:

- ✓ Do you have a favorite fire cured serving bowl that has Odonate decorations?
- ✓ Do you have placed pictures?
- ✓ Do you have Odonate kitchen fixtures?
- ✓ Do you have Odonate bathroom fixtures?
- ✓ Do you have Odonate wall decorations?
- ✓ Do you know where other members may obtain Odonate fixtures or the like?
- ✓ Do you have an Odonate room in your house - or would you like one?

Take a photo, send in a comment, make a comment, tell us where to get good Odonata “things”.

Lets contribute!! Send in your examples, comments, contributions, photos of favorite items, room photos, etc to the editor Steve Chordas III at (stevechordas@sbcglobal.net) or snail mail at 1063 West 2nd Avenue, Grandview Heights, Ohio 43212.

ODONATA FLIGHT OBSERVATIONS AT IRONWOOD (CONNEAUT, OHIO) :

By Milton R. Rutter

Odonata sightings at Ironwood (3572 Lake Road, Conneaut, Ohio 44030-3114 : Ashtabula County) which is adjacent to the North Kingsville Sand Barrens (property of the Cleveland Museum of Natural History (CMNH)) are recorded here. Ironwood includes 42 acres owned by CMNH, along with 20 acres owned by Milton R. Rutter. The following list includes 59 Odonata species recorded at Ironwood during the years 2003-2008. Dates below each species represent the earliest and latest sighting, respectively, for that species.



Broad-winged Damselflies : Calopterygidae (1 species)

Ebony Jewelwing- *Calopteryx maculata*
 26 May 04 - 6 Sep 07

Spreadwing Damselflies : Lestidae (6 species)

Great Spreadwing *Archilestes grandis*
 14 Aug 08 - 14 Nov 08
 Spotted Spreadwing *Lestes congener*
 21 Sep 07 - 20 Oct 08
 Amber-winged Spreadwing *Lestes eurinus*
 22 Jun 06 - 18 Jul 05
 Sweetflag Spreadwing *Lestes forcipatus*
 16 Aug 08 - 28 Aug 04
 Slender Spreadwing *Lestes rectangularis*
 15 Jun 07 - 9 Oct 08
 Swamp Spreadwing *Lestes vigilax*
 11 Jun 08 - 25 Sep 08

Narrow-winged Damselflies : Coenagrionidae (13 species)

Eastern Red Damsel *Amphiagrion saucium*
 25 May 04 - 29 Jun 06
 Variable (violet) Dancer *Argia fumipennis violacea*
 8 Jun 05 - 20 Jul 04
 Aurora Damsel *Chromagrion conditum*
 4 Jun 05
 Azure Bluet *Enallagma aspersum*
 2 Jun 08 - 15 Sep 07
 Double-striped Bluet *Enallagma basidens*
 27 May 04 - 31 Aug 04
 Tule Bluet *Enallagma carunculatum*
 16 Aug 08
 Familiar Bluet *Enallagma civile*
 28 May 04 - 20 Oct 08
 Stream Bluet *Enallagma exulans*
 17 May 04 - 24 Aug 08
 Skimming Bluet *Enallagma geminatum*
 28 May 04 - 24 Aug 08

Western Slender Bluet *Enallagma traviatum westfalli*
18 Jun 05
Citrine Forktail *Ischnura hastata*
12 Aug 08 - 28 Aug 04
Fragile Forktail *Ischnura posita*
15 May 07 - 24 Sep 08
Eastern Forktail *Ischnura verticalis*
10 May 04 - 12 Oct 08

Darners : Aeshnidae (10 species)

Lance-tipped Darner *Aeshna constricta*
19 Jul 05 - 11 Sep 03
Black-tipped Darner *Aeshna tuberculifera*
28 Aug 04 - 25 Sep 08
Shadow Darner *Aeshna umbrosa*
30 Jun 07 - 3 Nov 07
Green-striped Darner *Aeshna verticalis*
22 Jun 05 - 29 Sep 07
Common Green Darner *Anax junius*
2 Apr 07 - 2 Nov 07
Comet Darner *Anax longipes*
30 May 04 - 5 Jul 06
Fawn Darner *Boyeria vinosa*
10 Jul 08 - 24 Sep 07
Swamp Darner *Epiaeschna heros*
26 May 04 - 6 Sep 04
Cyrano Darner *Nasiaeschna pentacantha*
10 Jun 07
Spatterdock Darner *Rhionaeschna (=Aeshna) mutata*
24 May 04 - 20 Jun 03

Clubtails : Gomphidae (4 species)

Unicorn Clubtail *Arigomphus villosipes*
9 Jun 04 - 26 Jun 07
Lancet Clubtail *Gomphus exilis*
24 May 04 - 2 Jul 04
Cobra Clubtail *Gomphus vastus*
24 May 04
Southern Pygmy Clubtail *Lanthus vernalis*
24 May 04 - 14 Jul 05

Spiketails : Cordulegastridae (2 species)

Delta-spotted Spiketail *Cordulegaster diastatops*
24 May 04 - 11 Jul 08
Twin-spotted Spiketail *Cordulegaster maculata*
3 Jun 06 - 8 Jun 06

Emeralds : Corduliidae (3 species)

Common Baskettail *Epitheca cynosura*
24 May 04 - 29 Jul 07
Prince Baskettail *Epitheca princeps*
29 May 07 - 28 Jul 06
Clamp-tipped Emerald *Somatochlora tenebrosa*
8 Jul 05 - 28 Sep 05

Skimmers : Libellulidae (20 species)

Calico Pennant *Celithemis elisa*
31 May 06 - 6 Sep 04

Halloween Pennant *Celithemis eponina*
2 Jun 05&07 - 25 Aug 04
Eastern Pondhawk *Erythemis simplicicollis*
7 Jun 07 - 24 Aug 08
Golden-winged Skimmer *Libellula auripennis*
16 Jun 2005
Slaty Skimmer *Libellula incesta*
24 Aug 08
Dot-tailed Whiteface *Leucorrhinia intacta*
16 May 04 - 18 Jun 05
Widow Skimmer *Libellula luctuosa*
26 May 04 - 25 Sep 08
Common Whitetail *Plathemis (= Libellula) lydia*
11 May 03&05 - 26 Aug 05,06,08
Twelve-spotted Skimmer *Libellula pulchella*
24 May 04 - 12 Sep 03
Painted Skimmer *Libellula semifasciata*
17 May 04 - 10 Aug 04
Blue Dasher *Pachydiplax longipennis*
4 Jun 04 - 24 Sep 08
Wandering Glider *Pantala flavescens*
12 Jul 07 - 21 Oct 07
Spot-winged Glider *Pantala hymenaea*
29 Jun 06 - 26 Jul 06
Eastern Amberwing *Perithemis tenera*
8 Jul 08 - 24 Aug 08
White-faced Meadowhawk *Sympetrum obtrusum*
12 Sep 03 - 26 Sep 03
Ruby Meadowhawk *Sympetrum rubicundulum*
12 Jun 06 - 12 Oct 08
Band-winged Meadowhawk *Sympetrum semicinctorum*
7 Jul 04 - 11 Sep 03
Autumn Meadowhawk *Sympetrum vicinum*
22 Jun 05 - 2 Nov 07
Carolina Saddlebags *Tramea carolina*
17 May 04 - 24 Aug 08
Black Saddlebags *Tramea lacerata*
14 May 04 - 17 Oct 07

Early Odonata sighting for this year ?

- ✓ 26-April-2009 - *Anax junius* (Green Darners) - Big Surprise? - Many Thanks to OOS member **Ray Stewart** for sharing this sighting via e-mail when it occurred!
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Calender of Upcoming Meetings / Events:

by editor *Steve W. Chordas III*

Old Woman Creek Bioblitz : 2009 : Thursday & Friday, July 30th & 31st.

Ohio Odonata Society 2009 Summer field trip ???

No specific plans were set for an organized summer 2009 field trip. Brown county was suggested as a county in need to collections, photo-records, etc (see the article on Brown County Odonata in this issue).

ODONATA FROM OHIO VERNAL POOLS - A RESEARCH PROJECT FOR THE TAKING

By Bob Glotzhofer

Any OOS members who are looking for a project to take on, or who know a student who needs an under-grad project, or perhaps a grad project, here is the task for you! Recently the Ohio Environmental Council asked for input for a book they are working on about vernal pools in Ohio. Their question to us, what Odonates use vernal pools in Ohio? Below was a response put together with input from several of our members. Obviously, however, the amount of work and “hard facts” behind this list is pretty slim. As far as we know, other than some incidental observations, no one has collected and identified larvae of Odonates from vernal pools in Ohio with any systematic approach. Is our list accurate as far as it goes? What other species (including and beyond the B and C lists) are found in vernal pools in Ohio? How do vernal pools fit into a “classification” of types reflecting which Odonates occupy them? How extreme are the geographic differences with Odonate species in vernal pools across Ohio? There may be some other questions here, but that gives you a good start. Vernal pools are certainly high among the list of threatened wetland habitats in Ohio (all of our wetlands are probably threatened if you consider that we have less than 10% of what was here 200 years ago). I suspect that someone taking on such a project could readily find funding from such agencies as the Ohio Division of Wildlife, the Ohio Biological Survey, and perhaps others. Go for it!

(*Let OOS know if you plan to take this on, so we don't get multiple people working without any communication between them!*)

“A” List

Emerald Spreadwing, *Lestes dryas*
Swamp Darner, *Epiaeschna heros*

“B” List

Northern Spreadwing, *Lestes disjunctus*
Slender Spreadwing, *Lestes rectangularis*
Lance-tipped Darner, *Aeshna constricta*
Harlequin Darner, *Gomphaeschna furcillata* (very uncommon in Ohio)

“C” List (Open Habitat Temporary pools)

Wandering Glider, *Pantala flavescens*
Spot-winged Glider, *Pantala hymenaea*

Comments On the Lists:

After sharing the draft list with several other Odonata workers, the “A” list is small, but it includes species actually observed repeatedly at classical vernal pools. This presumes a definition of a vernal pool essentially referring to a woodland/salamander pool, i.e. heavily shaded. Most Odonata avoid heavy shade.

The “B” list may be present in Ohio classical vernal pools, but we are less confident of these. The last one *may* well use them, but we have very few records of this animal in Ohio (15), so it would not be typical of Ohio vernal pools.

If you expand the definition of vernal pools to include those in open, grassy, sunny habitats, then the two gliders are definitely to be included. These are sometimes called collectively the “rain-pool” gliders, as they can take advantage of temporarily flooded fields etc. - the larvae maturing in less than two months from egg-laying.

What it boils down to is a question of definition. Also, not too many folks have systematically pulled Odonata larvae from vernal pools and run them through keys to obtain a species identification. There is a need here for more work, which may show up additional species using Ohio vernal pools. However, as mentioned above, since most Ohio vernal pools are woodland, that habitat eliminates a lot of Odonata species that could use “temporary” pools.

PLEASE SUBMIT :
NEWSLETTER CONTRIBUTIONS !!

From the editor, Steve W. Chordas III

Special Thanks to **Dr. George Harp, Phoebe Harp, Bob Restifo, Bob Glotzhofer, Ray Stewart & Milton Rutter** for submitting contributions to this newsletter!!

We are always looking for your thoughts / findings / Odonata related materials, announcements or general information to include in the Dragon-flier. We welcome submissions from our membership. Feel free to send your contributions, ideas, suggestions to Steve Chordas at (stevechordas@sbcglobal.net) or snail mail at 1063 West 2nd Avenue, Grandview Heights, Ohio 43212.

2009 OHIO ODONATA SOCIETY ANNUAL MEETING RE-CAP :

By Bob Restifo & Steve Chordas III

There were 26 individuals who attended the annual meeting of the Ohio Odonata Society in Ada Ohio at Ohio Northern University. Species thanks to Dr. Brian Keas who hosted the event and secured funding to provide a complimentary lunch to all those who attended. Special Thanks to our Keynote Speaker, Eric Wetzel. gave an excellent presentation covering parasite ecology.

Thanks to all the speakers who presented :

Bill Hull : *Erpetogomphus designatus* sighted / photographed in Southwest Ohio !! + the how to and use of google maps for dragonflies.

Bob Glotzhober : Hine's emerald - should it even be in Ohio anymore? Bob has looked - can't find it.

Kim Trinkle : Study on the migration habits of larval odonates using vertical + horizontal traps.

Erik Pilgram : Always a great presentation from Erik, this *Sympetrum* talk was no exception.

Dwight Moody : Biodiversity + presentation on conservation and it's importance.

Tom Shultz : Excellent video of helicopter damselflies and their behavior. Also discussion of their wing pigmentation was outstanding.

Brian Keas : Interactive on-line keys and how they work + application to develop an Ohio odonate key.

WHAT IS COMING IN THE SEPTEMBER 2009 ISSUE OF THE DRAGON-FLIER ?

From the editor Steve W. Chordas III

Member contributions ?? 2010 OOS Annual meeting announcement, Web page update?, summer 2009 collection / photographic results from members? Odonates & Obesity - What? Odonates in the classroom at The Ohio State University summer course, + Much more

★ If you have announcements or event notification information to include in the "calendar of events section", please send them to the editor at stevechordas@sbcglobal.net for inclusion in the September 2009 newsletter. *Thanks !!*

Have a great &  productive Odonate Summer 2009 !



OHIO ODONATA SOCIETY : 2009 DUES STATEMENT



Regular Membership = \$ 5.00
Supporting Membership = \$10.00

 (Yes) I would be interested in receiving the *Ohio Dragon-Flier* via e-mail as a PDF file, instead of via U.S. surface mail.
(Your e-mail address is required for this option).

Name: _____

Address: _____

City, State, Zip Code: _____

Phone (Optional): _____ - _____ - _____

E-mail Address (Optional): _____

* Return this form with payment (cash encouraged - receipts will be sent) to :
(Make checks payable to : Ohio Odonata Society)

★ Or bring this form with you to the 2010 Annual meeting and hand it to Bob at that time ! (We will also have blank forms available at the meeting).

Bob Restifo
Treasurer : Ohio Odonata Society
274 East Torrence Road
Columbus, Ohio 43214