



The Ohio Dragon - Flier



* *Newsletter of the Ohio Odonata Society* *

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PHOTO CHALLENGE! By editor Steve Chordas III

From page 1 of the last DragonFlier (Volume 28(1):2018).
 Membership was asked to take a stab at the species involved in the interaction captured in the photo to the right.

Photo by Steve Chordas III, 4-IX-2016

Here is the challenge as stated ?

What Odonate is this?

Or - what spider is this?

Even better - Who can ID **BOTH** the spider and the Odonate?

Send your answer(s) to editor (stevechordas@sbcglobal.net), we will gladly recognize all who got 1 or the other or both in the next Dragonflier!



Proud to acknowledge both **Jerry Wiedmann** and **Phyllis Kelly**; for sending replies; Thanks so much.

Jerry Wiedmann sent the following:

“The spider is the Yellow Garden Spider or Black and Yellow Argiope or Garden Argiope depending on who you talk to - *Argiope aurantia*. I had one by the side of my house a few years back that took out a tiger swallowtail and later a monarch. They have a good web. I am going to go with female 12 spotted skimmer (*Libellula pulchella*) for the dragonfly. Jerry” **Thanks Jerry !~~!**

Phyllis Kelly sent the following:

“Steve, your image jumped off the page at me, because I took one in 2007 very similar. In that case it was a Striped Garden Spider, (*Argiope trifasciata*) and a *Pantala flavescens* (Wandering Glider). I think your spider may be the same, and the Dragon is possibly a Prince Baskettail (*Editors first thought also*) or possibly female Common Whitetail.” **Thanks Phyllis !~~! Right there !**

*Phyllis also made a funny comment predicting this was the reason for the lack of Odonata reporting in Lorain county ! Haaaa.

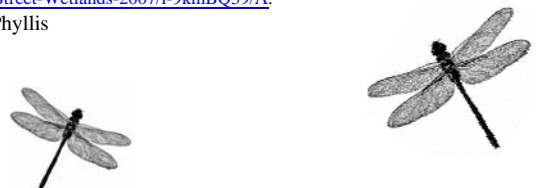
“Here's a link to Phyllis' shot. <http://www.phylliskelly.com/Places/Crook-Street-Wetlands/Crook-Street-Wetlands-2007/i-9kmbQ39/A>.”

** Check out this photo (linked above) by Phyllis - it is an awesome shot - Thanks for sharing Phyllis

Key : The species involved in this challenge are indeed.

Dragonfly = *Libellula pulchella* (Twelve Spotted skimmer)

Spider = *Argiope aurantia* (Black & Yellow Garden Spider)



Apply this year!
SMALL GRANTS FROM OOS?

By the OOS Officers

Editors note : to date we have not been able to give away any \$\$... why ?? - Simple : only one team has applied / got the grant / then gifted it back to the society (see Dragonflyer article in Vol26#1)! There is plenty of time until the deadline for this \$\$

****You should apply this year!***

Attached to the last Dragonflyer (28#1) newsletter was a fill-able form that members can use to apply for the OOS Small Grant for 2018-2019. A paper-copy of the application form can be provided to you upon request.

Below is re-printed / updated from the dragonflyer Volume 21#2, 2011

This is the call for proposals that is open to current OOS members in good standing (i.e. paid for the year proposal is submitted (2018) & potentially funded). The recipient, or recipients, of the small grant (if any) will be expected to present their findings, or project overview and results, to that point at the annual OOS meeting the following year. (i.e. projects receiving a small grant in 2018 must present at the 2019 annual meeting).

Small grant proposals up to a maximum of \$500.00 will be evaluated and considered. The OOS officers serving at the time of the proposal submission will form the committee to evaluate, accept and potentially fund the proposal (or proposals). Duration of the small grants program will be limited by the amount in treasury that exceeds anticipated operating funds and will be suspended upon depletion of the OOS funds available. Application form and details, deadlines and evaluation procedures are in the attached application form. Also see the motion for the small grants in the meeting minutes on page 4 of the 2011 Dragonflyer (Volume 21 Number 2, 2011).

Submit your winning proposal now (completed proposals are to be submitted to the past OOS President **Jim Lemon** (jlem@woh.rr.com)).

Proposal submissions will be officially be accepted until the end of the 2018 season.

Announcement of the winning proposal (if any or proposals if more than one) will be made via newsletter or announced at the next meeting. Best of luck!



ODONATA IN EVERYDAY LIFE ?

10 contributions from Bob Restifo.

from editor Steve Chordas : Many thanks for all the contributions over the years Bob !!



Dragonfly Shower Curtain



Dragonfly Soap



Dragonfly Socks



Dragonfly Lights



Spinning Decoration



Stepping Stone



Spinning Decoration



Sugar Bowl



Vase & Jars



Switch Plate

Thanks !!



OHIO ODONATA SOCIETY
ANNUAL MEETING MINUTES : 2018

Odo-con attendees

Submitted by Bob Glotzhober, substituting for Bob Restifo

Sunday June 24, 2018, Findlay Ohio

The meeting was called to order at 9:05 a.m. by President, Jim Lemon. We were meeting at the Oakwoods Nature Center of the Hancock County Park District, in conjunction with the Odo-Con-18 conference which ran from June 22 thru the 24th.

In attendance were 20 people.

An announcement was made for the field trip guides to forward lists of species seen at each site to MaLisa Spring, our state-wide coordinator for the current three-year survey.

Minutes from the 2017 meeting were published in the newsletter. Shane Myers moved that they be accepted as submitted, seconded by Sheree Moorman. Approved.

Treasurer/Secretary Bob Restifo was absent as he had to get our keynote speaker, Kurt Mead, back to the airport in Columbus. Jim L summarized his report:

Balance on 6/21/2017	\$ 4,278.94
Expenses during the year	\$ 3,361.21
Income (2017 ODNR Grant + membership/registration)..	\$ 3,490.86
Balance 6/21/18	\$ 4,408.53

Additional expenses from Odo-Con-18 were paid to the caterer (appx. \$ 1,164.94)

Old Business: none

New Business:

Officers: Tenure of officers is from Annual meeting election to the next meeting election. Traditionally, each position moves up one space. Following that, President Jim Lemon becomes "Past President", VP Shane Myers would be nominated for President, and Member-at-Large, MaLisa Spring would be nominated for VP/Program Chair. Bob Restifo would again be nominated for Treasurer/Secretary. If we follow that pattern, we need a nomination for a new Member-at-Large. This tradition is voluntary; nominations are usually made prior to the meeting or from the floor during the meeting.

Dave McShaffrey moved that we vote to approve the pattern above, seconded by Sheree Moorman. Approved..

Discussion followed about the **Member-at-Large** and their duties for planning the annual meeting. The Member-at-Large has no duties unless assigned by the President. It is an introductory position, giving the person a year to learn the workings of the Board. The VP is the organizer of the annual meeting. Discussion expanded to what type of annual meeting do we want, smaller/shorter ones or like Odo-Con-17 and Odo-Con-18? (Could have impact on

willingness to recruit Member-at-Large, who might then be responsible for the meeting in 2019.) General agreement that we need to keep the momentum going with these larger meetings with lots of training and survey member recruitment. As there was no one present who offered to be Member-at-Large, MaLisa agreed to send out an after-meeting e-mail and include solicitation for a new Member-at-large as part of that follow-up. Shane Meyers was asked about how much help he got planning the meeting, and he indicated that significant help came from MaLisa, Jim and Bob Restifo. Shane suggested that similar help could be expected for planning future meetings.

Newsletter Editor: Jim Lemon mentioned that Steve Chordas had indicated last year that he was in a position to pass along the responsibilities as editor as other duties are keeping him very busy / plus he has been editor for over a decade now; time to pass along. Steve agreed at that time to continue until a replacement could be found but needs to make that resignation effective now. Discussion: do we need a newsletter now along with Facebook, iNaturalist and MaLisa's website? Unclear answers from group (only 20 present). Suggested we generate one more newsletter and as part of that query the need to continue and/or solicit a volunteer. Jim Lemon and Bob Glotzhober agreed to work on assembling that newsletter issue.

Photo Records Committee: The question was raised as to the role of the PRC with the current use of iNaturalist for all photos. Current committee = Ian Adams & Rob Liptak (term expires at end of this year); Larry Rosche & Shane Myers (term through end of 2019) and Sally Isacco & Jim Lemon (term through end of 2020). Some concern was expressed at records becoming "Research Grade" after only one reviewer agreeing with the photographer's ID. Perhaps we need to re-purpose the PRC to evaluate those iNaturalist records for species that we deem to be particularly confusing or difficult. Which species would those be, and how do we handle those assignments? This is another topic that we should express in the next issue of the newsletter for wider discussion.

2019 Meeting: MaLisa will be VP/Program chair starting January 2019 and has been giving thought to location for Odo-Con-19. She feels it needs to be somewhere in southern Ohio – either SE or SW. Probably late May or early June? General agreement. MaLisa will do some checking and follow up with information either in newsletter or group e-mails.

Compensation: for 2018 speakers: We had previously agreed to pay for Kurt Mead's airfare and motel expenses. Emily Sandall traveled from State College, PA and gave an excellent talk on collection ethics in overview, and the

Beatty collection that she works on at Penn State. As a graduate student, funds are short and MaLisa moved that we pay her mileage for her travel to Findlay. Seconded by Sheree Moorman. Approved.

Donation: Dave McShaffrey moved that OOS donate \$300 to the Metro Parks in thanks for the free-use of the building here at Oak Woods and their great support and help. Discussion indicated that it should be directed to “Hancock County Parks Foundation.” Seconded by Judy Semroc. Motion carried.

Judy Semroc noted the many discussions about mosquitoes on field trips and recommended the use of Thermocell repellent devices, which are available at Walmart’s for about \$30 and very effective.

There was a question on getting permits. MaLisa indicated which agencies she had permits from, and those people who were members as of the beginning of this year would be covered. She would forward those to individuals requesting to collect along with discussions on guidelines. For non-collectors, it was suggested individuals who want to catch, photo and release request such permits from local parks if they are not covered in the permits MaLisa has. If access is open, anyone can photograph without collecting, though generally need to stay on designated trails/boardwalks, etc.

The local Scenic Rivers coordinator (Christina Kuchle) was present, and announced that, given sufficient notice, Scenic Rivers could help survey work, and might even be able to supply canoe and SR staff join in on such events.

Adjournment: Shane Myers moved to adjourn at 10:24 a.m. Seconded by Sheree Moorman. Approved.



- - End minutes for 2018 meeting - -



Upcoming Events – MaLisa Spring

(from <http://u.osu.edu/ohiodonatasurvey/>)

September 7, 2018: Preservation Parks Bioblitz (Delaware, Ohio) MaLisa Spring will be leading the invertebrate group for the Preservation Parks Bioblitz. More details forthcoming at u.osu.

September 7, 2018: Biodiversity Conservation Symposium (Cleveland, Ohio) Join Jim Lemon, Linda Gilbert, and many others to learn about conservation practices. Details at <https://www.cmnh.org/conservation-symposium>

September 16, 2018: 11 AM Dragonflies at the Paw Paw Festival (Albany, Ohio) Join MaLisa Spring to learn about the Ohio Dragons at the Ohio Paw Paw Festival.

Add Your Event to the Calendar – send to MaLisa (spring.99@osu.edu) **or Shane** (srmyers429@gmail.com)



Odo-Con-18 Recap – Shane Myers

Odo-Con-18 was held in Findlay (Hancock County) on June 22-24, 2018. Hancock Parks District was kind enough to donate the use of the Doc Phillips Nature Center at Oakwoods Nature Preserve. Over 110 attendees spent three days listening to excellent speakers and visiting several of the regions natural areas. 45 species were observed despite less than perfect weather. This includes a Seneca county record of Great Blue Skimmer and a Hancock county record Spatterdock Darner.

Here is the list of speakers their presentations:

Welcome and Dragonfly Survey Intro + Silhouette ID - MaLisa Spring

Out of the Net and Into the Museum: The Ethics of Collecting and the Adventure of 60,000 lifetimes - Emily Sandall

Photography Panel - short intro presentations followed by a panel discussion of photography techniques for Odonata. Judy Semroc, Rick Nirschl, and Jim McCormac

Keynote - Kurt Mead (Author of Dragonflies of the North Woods)

Using an Odonate Key - Bob Restifo

Efficient Field Surveying - Dave McShaffrey

Bluet/Dancer/Forktail Identification - Jim Lemon

Clubtail Identification - John Pogacnik

Alternative Survey Methods - Using windows to look for dragons - Linda Gilbert

iNaturalist Panel discussion - MaLisa Spring, Shane Myers, and Jim Lemon

Dragonflies 101 - Bob Glotzhofer

Cool Finds Recap - Shane Myers

Here is the species list:

<i>Calopteryx maculata</i>	Ebony Jewelwing
<i>Hetaerina americana</i>	American Rubyspot
<i>Argia apicalis</i>	Blue-fronted Dancer
<i>Argia moesta</i>	Powdered Dancer
<i>Argia sedula</i>	Blue-ringed Dancer
<i>Argia tibialis</i>	Blue-tipped Dancer
<i>Argia translata</i>	Dusky Dancer
<i>Argia fumipennis violacea</i>	Violet Dancer
<i>Enallagma divagans</i>	Turquoise Bluet
<i>Enallagma geminatum</i>	Skimming Bluet
<i>Enallagma signatum</i>	Orange Bluet
<i>Enallagma exsulans</i>	Stream Bluet
<i>Enallagma antennatum</i>	Rainbow Bluet
<i>Enallagma civile</i>	Familiar Bluet
<i>Enallagma basidens</i>	Double-striped Bluet
<i>Enallagma aspersum</i>	Azure Bluet
<i>Enallagma traviatum westfalli</i>	Westfall's Slender Bluet
<i>Ischnura posita</i>	Fragile Forktail
<i>Ischnura verticalis</i>	Eastern Forktail
<i>Ischnura hastata</i>	Citrine Forktail
<i>Lestes inaequalis</i>	Elegant Spreadwing
<i>Lestes rectangularis</i>	Slender Spreadwing
<i>Lestes dryas</i>	Emerald Spreadwing
<i>Anax longipes</i>	Comet Darner
<i>Anax junius</i>	Common Green Darner
<i>Epiaeschna heros</i>	Swamp Darner
<i>Nasiaeschna pentacantha</i>	Cyrano Darner
<i>Rhionaeschna mutata</i>	Spatdock Darner
<i>Epithea princeps</i>	Prince Baskettail
<i>Somatochlora linearis</i>	Mocha Emerald
<i>Argomphus villosipes</i>	Unicorn Clubtail
<i>Celithemis eponina</i>	Halloween Pennant
<i>Celithemis elisa</i>	Calico Pennant

<i>Erythemis simplicicollis</i>	Eastern Pondhawk
<i>Leucorrhinia intacta</i>	Dot-tailed Whiteface
<i>Libellula luctuosa</i>	Widow Skimmer
<i>Libellula pulchella</i>	Twelve-spotted Skimmer
<i>Libellula vibrans</i>	Great Blue Skimmer
<i>Pachydiplax longipennis</i>	Blue Dasher
<i>Perithemis tenera</i>	Eastern Amberwing
<i>Plathemis lydia</i>	Common Whitetail
<i>Sympetrum rubicundulum</i>	Ruby Meadowhawk
<i>Sympetrum semicinctum</i>	Band-winged Meadowhawk
<i>Tramea lacerata</i>	Black Saddlebags
<i>Macromia taeniolata</i>	Royal River Cruiser

★ ★ ★ ★ ★ ★

Survey Update – MaLisa Spring

As we are more than halfway through our second summer for the Ohio Dragonfly Survey, it is time to do a quick recap.

This year we have had over 2,000 people attending outreach presentations! Thanks to many of our volunteers on iNaturalist, we have over 10,000 observations submitted for this year from over 400 different people!

With all this help, we have had several really cool finds for Ohio this year! Jim Lemon will mention his new state records finds in his own post (Jade Clubtail and Paiute Dancer). Other notable finds include a Scarlet Skimmer (*Crocothemis servilia*) at a garden center near Canton, Band-winged Dragonlets (*Erythrodiplax umbrata*) at Cedar Bog and Marblehead, Northern Bluets (*Enallagma annexum*) in Ashtabula County, Stygian Shadowdragons (*Neurocordulia yamaskanensis*) in Columbus, Golden-winged Skimmer (*Libellula auripennis*) at Gallagher Fen, an Eastern Ringtail (*Erpetogomphus designatus*) in Cincinnati, and Rusty (*Ophiogomphus rupinsulensis*) and Riffle Snaketails (*Ophiogomphus carolus*) in Lake County. There were many more cool finds that aren't listed.

An almost cool find was the hopeful Bar-Winged Skimmer (*Libellula axilena*). We are on the northern edge of the range for this southeastern species, so it should be here. Instead, I found an abnormal Slaty Skimmer female (*Libellula incesta*) which had darkened margins of the wings. The diagnostic characters to separate them came down to the length of the wings in relation to the abdomen and the lack of a color pattern on the base of the hindwing.

Swift Setwings (*Dythemis velox*) are also expanding their range and are now known from 9 counties

(Champaign, Muskingum, Athens, Sandusky, Lawrence, Hamilton, Greene, Montgomery, and Madison). Many are found at quarry lakes, but some are being found at small ponds and rivers. We still don't know if this is a natural spread or if they are getting a little help. Consider visiting a quarry lake and see if you can find any!

There are still lots of cool discoveries to be made in Ohio. Submit your observations to iNaturalist.org if you haven't done so already!



New OOS Board Member-at-Large (temporary) – Jim Lemon and Shane Myers

Please take a minute to congratulate Kyle Bailey from the Richland County Parks District! He has accepted the role of Member-at-Large and is excited to work more with us and odonates. Look for him at future odonate events, including next year's Odo-Con. It's great to have you on board, Kyle! (Kyle will serve as temporary until he can be approved by the OOS membership at Odo-Con-19).



New OOS Newsletter Editor – Jim Lemon

This Newsletter marks the final edition of the Dragon-Flier under the editorship of Steve Chordas. Steve has served OOS long and well in this capacity (over 10 years as editor). Those of you that know Steve appreciate his enthusiasm, dedication, and sense of humor. Thank you, Steve.

(Editors note : Thanks a ton Jim 😊)

And so, the next issue of the Dragon-Flier marks a beginning of our new editor – Shane Myers. Shane was our recent host at Odo-Con-18, currently president of OOS, and as some may recall the discoverer of the River Bluet (*Enallagma anna*) in 2016. We look forward to great contributions from Shane.

(Editors note : Welcome Shane - He is excellent)



New Photo Records Committee Members – Shane Myers and Jim Lemon

Having not obtained volunteers for the OOS Photo Records Committee at Odo-Con-18, Jim and Shane tapped on shoulders and are pleased to announce that Rick Nirschl has agreed to serve. Thank you Rick.



DSA Annual Meeting – Jim Lemon

Dragonfly Society of the Americas held their 2018 annual meeting at Finland, Minnesota. 94 Odonate enthusiasts attended. There were presentations and field trips to the surrounding areas, including large bogs, lakes, and rivers. Many species not seen in Ohio were caught and observed, including Quebec Emerald (*Somatochlora brevicincta*) and Lake Emerald (*Somatochlora cingulata*). All were charmed by the Sedge Sprites (*Nehalennia irene*), Hagen's Bluets (*Enallagma hageni*), and Crimson-ringed Whitefaces (*Leucorrhinia glacialis*).

It was unusually warm for Northern Minnesota, and our lodging didn't have AC, but nights weren't bad and biting insects were at a minimum (though one person did get an impressively sized leech).

OOS was represented at the meeting by Dave McShaffrey, MaLisa Spring, and Jim Lemon. We were warmly welcomed by Kurt Mead (our friend from Odo-Con-18) and the other Minnesota hosts. MaLisa presented an update on the Ohio Dragonfly Survey. This precipitated several good conversations.

MaLisa also caught an Least Clubtail (*Stylogomphus albistylus*) at the confluence of the branches of the Baptism River - one of the highlights of the Friday field trips as there are very few Minnesota records for this species.

Next year DSA goes to Austin, Texas, being held in conjunction with the International Congress of Odonatology in July.



***Argia alberta* (Paiute Dancer) identified as new Ohio Odonate – Jim Lemon**

Three locations in Clark, Champaign, and Greene Counties now have records for Paiute Dancer, *Argia alberta*. This is a previously unrecorded species for Ohio.

The story starts this spring (2018) in a permit-only fen in Clark County.

Permit in hand, courtesy of the statewide survey, I visited the fen on May 16, 2018 and observed an immature female dancer, and in the distance (off the boardwalk) a blue dancer-looking damselfly. I got a good photo of the female and thought I was looking at an immature Violet Dancer (*Argia fumipennis violacea*). On May 21, I again photographed a female and got a faraway photo of a blue dancer. This time, again thinking immature *A. fumipennis* (this is the Variable Dancer). On May 29, I was able to get good photos of a pair in wheel, as well as individual photos of both males and females, with at least a dozen individuals flying in range of the boardwalk. Now, mating behavior indicated mature individuals, so I wore out my copy of *Damselflies of the Northeast*, paging back and forth through the *Argia* pages. Nothing matched what I was seeing.

This wasn't simply a single individual. It didn't seem likely that we would have multiple mating pairs if something blew in on the wind. Days went by without an ID, but I get several Dancer suggestions - Aztec, mutant Blue-ringed, Golden-winged, Sweetwater, Paiute, Purple - all seemed equally improbable given the area.

As it would happen, I had been communicating with Rick Nirschl about a visit to Cedar Bog (Champaign Co) on June 6. After posting a photo to FaceBook, Rick asked if he could share the posting to the Texas Odonata FaceBook. I agreed, and we had an ID from Dennis Paulson a short time later: Paiute Dancer, *Argia alberta*. A new state record, which was pretty exciting – amazing, even. (Credit to MaLisa Spring, she was the first to suggest *A. alberta*.)

On June 6, after seeing male Elfin Skimmer (*Nannothemis bella*) and Seepage Dancer (*Argia bipunctulata*) at Cedar Bog, Rick and I went to Clark County, and got photos and a male specimen of *A. alberta* from the fen there. After another stop, we returned to Cedar Bog to look for the female Elfin. At the north platform at Cedar Bog, with Rick photographing Elfins, I saw a blue dancer - a Paiute male, and then a female. I was at a loss for words. Photos were made, IDs confirmed.

Now, I'm at Cedar Bog a lot since I retired - it's close to home and a very cool preserve. I have lots of Odonate

photos from Cedar Bog and the general area. Knowing what to look for (and what I've obviously been overlooking), I went back through my photos of Cedar Bog Dancers, and sure enough, there the Paiute Dancers are in 2017, then in 2016, and again 2015 (when I got my DSLR). The earliest record from Cedar Bog is June 10, 2015.

Cedar Bog is one of the most studied Odonata locations in Ohio, with over 600 records and history going back nearly 100 years (in fact, accession #00001 in the OOS database is a Cedar Bog record by J.S. Hine for *Tachopteryx thoreyi*). Cedar Bog is frequently visited by a variety of naturalists, many with pretty nifty camera gear. We have no idea of how long Paiutes have been at Cedar Bog, so photos prior to my 2015 observations could yet emerge. Interestingly, one of my photos from 2015 was the same week we hosted the Ohio Odonata Society at Cedar Bog.

Additionally, we now have observations at Cedar Bog in iNaturalist from eight other people in 2017 and 2018. Amazing again.

In late June, I had a message from Sarah White that she thought she was seeing *A. alberta* at Oakes Quarry, part of the Beaver Creek Wetlands. Sarah and I went to the quarry on June 28 and, sure enough, we observed several individuals, and collected a male specimen. A third location, even more amazing.

Specimens collected in Clark and Greene Co were vetted by Steve Hummel at DSA this year. These specimens now reside at Ohio State in the museum.

The three Ohio locations where *A. alberta* have been observed are 20 miles or less apart. The locations are similar in that there are sedges growing out of shallow water. This habitat is described for Paiutes in both Abbott and Paulson. I have been to other fens and wetlands within a 20-mile radius without finding any additional individuals, but these other fens don't quite match the 'sedges growing out of shallow standing water' properties of the three ID sites. So, the search continues in Champaign, Clark, and Greene Counties – all part of the area in southwestern Ohio referred to as the Spring Valley.

A. alberta has been recorded in Odonata Central for Iowa and Missouri, but is characterized by Abbott as 'primarily a Great Basin species' - this is what the dot map shows in OC. The three (so far) populations in western Ohio represent a range expansion of nearly 500 miles eastward of nearest observations, and perhaps more on breeding populations.

So many questions: How long have Paiutes been in western Ohio? How did they get here? Where else might they be? Are there intermediary populations in Illinois

and/or Indiana? People that have the habitat are encouraged to look for a bright blue medium-sized Dancer. The male is similar in size to a male Violet Dancer, *A. fumipennis violacea* – only royal blue instead of purple on the thorax. The female can be variable, most distinctive are break in the abdominal patterns. What a great puzzle.

Historically, Ohio has seven *Argia* species. They are all found in both Champaign, Clark, and Greene Counties (and also neighboring Montgomery County). All other Ohio counties have six or fewer *Argia* species on record.

I'd like to thank everyone involved in this story. It is a great joy, and privilege, to walk about in the remnants of our natural heritage and still find new things. Things that are so beautiful, and so transient. I appreciate the assistance and enthusiasm of those that walk with me.

Abbott, John C. *Damselflies of Texas*, University of Texas Press, 2011.

Lam, Ed. *Damselflies of the Northeast*, Biodiversity Press, 2004.

Paulson, Dennis. *Dragonflies and Damselflies of the East*, Princeton University Press, 2011.



Argia alberta : Photo Jim Lemon.



***Argomphus submedianus* (Jade Clubtails) found at Lake Loramie – Jim Lemon**

A new clubtail species was added to the Ohio Odonata list this season. I photographed a clubtail perched on a marker buoy at the west end of Lake Loramie (Shelby Co) on June 14, 2018. The buoy is bright orange, and my camera auto-settings underexposed a little. So, consistent with other observations, I thought what I had photographed was a Unicorn Clubtail (*Argomphus villosipes*) and submitted it to iNaturalist as *A. villosipes*. MaLisa Spring was quick to recognize the missed ID - which led to busy discussions on iNat, FaceBook, and Odonata Central - and confirmed the observation as Jade Clubtail (*Argomphus submedianus*). And there was much rejoicing.

On my way north for Odo-Con-18, I returned to Lake Loramie on June 19 and located several individuals flying just south of the original sighting, and I was able to make four observation photos. The individuals all appeared to be male and were jousting for position on Buttonbush and floating logs close to the shoreline. The location was shared at the conference, and four people (Kim Smith, Ryan Jacob, Rick Nirschl, Chad Arment) went to Lake Loramie after they departed Findlay on June 24, and they made their own observations. Both male and female were observed and reported amongst this group.

I went back to Lake Loramie on July 1 and recorded seven observations at multiple locations (both Shelby and Auglaize Co's), spanning nearly four miles of the lake. From this number and range, I conclude we have a Jade Clubtail population in Ohio!

There are a number of Odonata Central records of *A. submedianus* for Illinois and western Kentucky, and a handful for Indiana. The OC total record count is 365. The nearest Indiana OC observation is Marion County. iNaturalist records don't indicate any closer location, the total record count in iNat is 436, mostly in Texas. As such, the Lake Loramie population represents an approximately 120-mile range expansion.

In *Dragonflies of Indiana*, Curry lists two observations for *A. submedianus*, and describes the Indiana status as 'Rare'. Paulson notes *A. submedianus* habitat as 'large mud-bottomed lakes, sloughs, and canals' - this would be a good description for Lake Loramie. Flight season is May-July. iNaturalist shows the flight peaking around June 1 but recall that this is mostly a Texas profile.

I returned to Lake Loramie on July 26 but was not able to locate any *A. submedianus* individuals that day. I have also been to other possible sites in the area: Indian Lake, Grand

Lake St Marys, Swift Run Lake, and Kiser Lake. No further populations found (yet) this year.

Lake Loramie will be a target for more attention for 2019, starting in late May.

Curry, James R. *Dragonflies of Indiana*, Indiana Academy of Science, 2001.

Paulson, Dennis. *Dragonflies and Damselflies of the East*, Princeton University Press, 2011.



Arigomphus submedianus : Photo Jim Lemon.

 Have a great 
Autumn 2018!



Please submit Dragon-Flier Contributions to Shane Myers
(srmyers429@gmail.com)

Bob Restifo has 3 copies of Kurt Mead's 3rd edition of *Dragonflies of the North Woods* for sale. They are \$20 each. If you are interested in buying a copy, contact Bob Restifo at rarestifo@yahoo.com



Small Grant Application Form provided on request.



2019 OOS Dues Statement available upon request

** (note that attending Odo-Con-19 will automatically extend your membership).

