

The Ohio Dragon-Flyer

Newsletter of the Ohio Odonata Society

August 2021: Cruisers, Clubtails, Shadowdragons and Darners – plenty to hunt during the Dragon Days of Summer.

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since. Numerous other people have looked for it also. I have had other rare visitors at this pond: Golden-winged Skimmer, Striped Saddlebags, and Great Blue Skimmer, so I was very happy to find another rare dragonfly at this location. *David Tibbetts*.

Dragonhunters

Double-ringed Pennant *Celithemis verna* – David Tibbetts describes his discovery of a Double-ringed Pennant in Clermont County:

<https://inaturalist-open-data.s3.amazonaws.com/photos/139994873/large.jpg?1625078198>

I went to Miami Meadows Park in Clermont County to see what dragonflies may have emerged. This is a park that I visit at least once a week if I can. This little one-acre memorial pond has more variety of dragonflies than any other 3 ponds within 25 miles so there is always something flying. On 6/28/21 at 9:15 AM, I photographed a dragonfly along the edge of the pond that I had not seen before. It turned out to be a Double-ringed Pennant. I only managed a few shots before it took off and have not seen it



Photo credit – David Tibbetts. Double-ringed Pennant

Editor's notes: Double-ringed Pennants in Clermont County date back to two sightings in 2008 – one at the Cincinnati Nature Center and the other near East Fork Lake. No further observations were recorded in Clermont County until David's sighting on June 28th 2021. The other location for the species in Ohio is

Jackson County from 2019 and continuing in both 2020 and 2021.

Dragonhunters, will be a regular feature of the newsletter. Whether discovering a species new to Ohio or observing familiar favorites, we would love to read about your hunt! Contact Jim Lundberg, to contribute. lundbergj@hotmail.com

Virtual Dragonhunters

Dragonfly Society of the Americas Virtual Lecture Series. Lecture schedules are updated regularly at: [Dragonfly Society of the Americas \(dragonflysocietymamericas.org\)](http://Dragonfly Society of the Americas (dragonflysocietymamericas.org))

Photo of the Month



Photo credit – Rick Barricklow. Banded Pennant. Canon PowerShot SX50 HS.

Thank you so much for choosing my photo – a total surprise, and it means a lot to me. I was diagnosed many years ago with a degenerative disease of the cornea and in late 2018 my eyesight had failed to the point of qualifying for corneal transplant surgeries on both eyes. I had also developed cataracts so

those surgeries were performed at the same time. I've only been taking photos of Odonates since Spring of 2020 after discovering I could use the viewfinder of my camera after the eye surgeries. I accidentally discovered that I could get decent detail with odes and I became fascinated with them. I'd like to thank everyone that helped me get started and others who've worked with me on my IDs.

When I reported to my eye surgeon that my sight has been restored enough to take nature photos, he asked me for the favor of framing and signing one of my photos for him. Odes have the best eyesight of any creature, so he's getting a dragonfly. *Rick Barricklow*

Field Guide Status

Fellow Odonatologists: You are probably wondering about the status of the new Ohio Odonata Field Guide. As with the Ohio Dragonfly Society of the Americas meeting (now on for 2023 instead of happening in 1 week), COVID has set us back. Then came the emergence of Brood X Cicadas, which also set us back (don't ask). Right now, the book is basically written, and we are waiting on page layouts so we can do final edits. Perhaps it will be ready for next field season? Meanwhile, keep posting on iNaturalist, as we will grab the latest numbers from there when we put the text to bed.

We have identified high-quality photos for most of the species, however, there are still a few we need. Please be on the lookout for these, and try to get the best quality pics you can. Post them on iNaturalist. If the pics were taken in Ohio, there is no need to call our attention to them; we'll dredge iNaturalist for any photos we need. If the photos were taken

outside of Ohio, please contact MaLisa Spring at spring.99@osu.edu.

If we can use any of your images, we'll get in contact (it helps if your iNaturalist profile actually identifies you). If you'd like your photos considered it would also help to fill out this form: <https://cpb-us-w2.wpmucdn.com/.../10/PhotoPermission.pdf> and send it to MaLisa Spring at spring.99@osu.edu

At some point, we'd ask for a copy of the original file. After that, we put it in the book and you are on the path to glory. Please note we have a very limited budget for photos. None of the authors are getting paid for the book (unless Jim and MaLisa are holding out on me), and each of us has a number of images we are donating to the cause. We hope you'll do the same. The Ohio Biological Survey (the publisher) is a non-profit, and any proceeds from the book will go to offsetting printing and production costs and then underwriting the next project (if you haven't heard about the new 2-volume Reptiles of Ohio, go to the OBS page <http://www.ohiobiologicalsurvey.org/> to check it out (our field guide will be much less expensive). *Dave McShaffrey*

Male and Female	
Gomphaeschna antilope	Taper-tailed Darner
Epitheca costalis	Slender Baskettail
Neurocordulia molesta	Smoky Shadowdragon
Somatochlora incurvata	Incurvate Emerald
Somatochlora ensigera	Plains Emerald
Somatochlora hineana	Hine's Emerald
Hylogomphus viridifrons	Green-faced Clubtail
Lanthus parvulus	Northern Pygmy Clubtail
Stylurus amnicola	Riverine Snaketail
Stylurus notatus	Elusive Clubtail
Stylurus spiniceps	Arrow Clubtail
Sympetrum costiferum	Saffron-winged Meadowhawk
Enallagma boreale	Boreal Bluet
Enallagma anna	River Bluet
Lestes disjunctus	Northern Spreadwing
Enallagma vernale	Vernal Bluet
Arigomphus pallidus	Gray-green Clubtail
Stylogomphus sigmastylus	Interior Least Clubtail
Libellula quadrimaculata	Four-spotted Skimmer
Libellula vibrans	Great Blue Skimmer
Sympetrum obtrusum	White-faced Meadowhawk
Sympetrum internum	Cherry-faced Meadowhawk

Coenagrion resolutum	Taiga Bluet
Enallagma ebrium	Marsh Bluet
Enallagma carunculatum	Tule Bluet
Female	
Boyeria grafiana	Ocellated Darner
Cordulegaster diastatops	Delta-spotted Spiketail
Cordulegaster erronea	Tiger Spiketail
Neurocordulia obsoleta	Umber Shadowdragon
Neurocordulia yamaskanensis	Stygian Shadowdragon
Epitheca canis	Beaverpond Baskettail
Aeshna interrupta	Variable Darner
Aeshna clepsydra	Mottled Darner
Ariogomphus submedianus	Jade Clubtail
Gomphurus externus	Plains Clubtail
Gomphurus crassus	Handsome Clubtail
Gomphurus ventricosus	Skillet Clubtail
Progomphus obscurus	Common Sanddragon
Erythrodiplax minuscula	Little Blue Dragonlet
Leucorrhinia proxima	Belted Whiteface
Libellula auripennis	Golden-winged Skimmer
Libellula quadrimaculata	Four-spotted Skimmer
Libellula vibrans	Great Blue Skimmer
Sympetrum obtrusum	White-faced Meadowhawk
Sympetrum internum	Cherry-faced Meadowhawk
Coenagrion resolutum	Taiga Bluet
Enallagma ebrium	Marsh Bluet
Enallagma carunculatum	Tule Bluet

August ID Challenge



The ID Challenge includes only species known from Ohio. A description of how you arrive at your identification is not required but appreciated. Please include your name in the email; only correct responses will be posted in the next newsletter. Identification to lundbergj@hotmail.com.

June ID Unveiled



Comet Darner *Anax longipes*

The un-patterned green thorax narrows the field to the Green Darners which, in Ohio, is a field of two – Comet and Common Green. The Comet is readily identified by the ruddy comet tail which was cropped in the challenge image, but other clues remain to separate the two species: The Comet shows a green costal stripe on the wing's leading edge; the Common Green costal stripe is tan. The Comet frons is entirely green; the Common Green frons is blue above with a "bullseye" pattern. The Comet abdomen S2 is green with a hint of ruddy markings; on the Common Green, the S2 is the first blue segment.

Congratulations to the two correct responders to the June ID Challenge! In order of response: Malisa Spring and Deb Marsh.

Ohio Dragonfly Survey

2021 Year-To-Date through July

Overall, July was a mixed bag - numbers (6618 so far) were down considerably from June. The total number of observers was good - even higher than June, but persistent storms and cloudy days reduced observations and reports.

We added a new state species (Duckweed Firetail) and had our first reports for a number of Summer/Autumn species.

Common Whitetail held on to the lead as most-observed species, but Blue Dasher and Eastern Pondhawk are coming on fast now, and will likely overtake CW in Aug. *Jim Lemon*

Ohio Dragonfly Survey

2021 Species Count through July

Species	#
Amber-winged Spreadwing	86
American Rubyspot	166
Arrowhead Spiketail	19
Ashy Clubtail	76
Aurora Damsel	44
Autumn Meadowhawk	82
Azure Bluet	182
Banded Pennant	52
Band-winged Meadowhawk	16
Beaverpond Baskettail	3
Belted Whiteface	24
Black Saddlebags	167
Black-shouldered Spinyleg	49
Blue Corporal	31
Blue Dasher	1094
Blue-faced Meadowhawk	29
Blue-fronted Dancer	352

Blue-ringed Dancer	113
Blue-tipped Dancer	381
Brown Spiketail	30
Calico Pennant	239
Carolina Saddlebags	139
Chalk-fronted Corporal	1
Citrine Forktail	54
Clamp-tipped Emerald	3
Cobra Clubtail	74
Comet Darner	54
Common Baskettail	27
Common Green Darner	312
Common Sanddragon	11
Common Whitetail	1156
Cyrano Darner	29
Delta-spotted Spiketail	19
Dot-tailed Whiteface	144
Double-ringed Pennant	10
Double-striped Bluet	267
Dragonhunter	63
Duckweed Firetail	13
Dusky Clubtail	14
Dusky Dancer	55
Eastern Amberwing	488
Eastern Forktail	737
Eastern Least Clubtail	24
Eastern Pondhawk	892
Eastern Red Damsel	113
Eastern Ringtail	2
Ebony Jewelwing	754
Elegant Spreadwing	44
Elfin Skimmer	62
Elusive Clubtail	1
Emerald Spreadwing	38
Familiar Bluet	192
Fawn Darner	10
Flag-tailed Spinyleg	26
Fragile Forktail	834
Frosted Whiteface	1
Gilded River Cruiser	3
Golden-winged Skimmer	12

Gray Petaltail	44
Great Blue Skimmer	25
Great Spreadwing	2
Green-faced Clubtail	5
Halloween Pennant	200
Handsome Clubtail	9
Harlequin Darner	12
Jade Clubtail	6
Lancet Clubtail	138
Lauras Clubtail	2
Lilypad Clubtail	15
Lilypad Forktail	32
Lyre-tipped Spreadwing	18
Macromia Hybrid	1
Marsh Bluet	2
Midland Clubtail	107
Mocha Emerald	4
Northern Bluet	4
Orange Bluet	190
Painted Skimmer	105
Paiute Dancer	21
Plains Clubtail	53
Powdered Dancer	478
Prince Baskettail	218
Pronghorn Clubtail	45
Rainbow Bluet	17
Ramburs Forktail	2
Rapids Clubtail	21
Rifle Snaketail	1
River Jewelwing	17
Royal River Cruiser	13
Ruby Meadowhawk	8
Rusty Snaketail	9
Sedge Sprite	26
Seepage Dancer	98
Shadow Darner	2
Skimming Bluet	227
Slaty Skimmer	273
Slender Baskettail	3
Slender Bluet	218
Slender Spreadwing	253

Smoky Shadowdragon	1
Southern Pygmy Clubtail	21
Southern Spreadwing	12
Spangled Skimmer	110
Spatterdock Darner	32
Sphagnum Sprite	51
Splendid Clubtail	1
Spotted Spreadwing	12
Spot-winged Glider	34
Springtime Darner	19
Stream Bluet	337
Stream Cruiser	4
Stygian Shadowdragon	1
Swamp Darner	51
Swamp Spreadwing	43
Sweetflag Spreadwing	40
Swift River Cruiser	24
Swift Setwing	24
Tiger Spiketail	7
Tule Bluet	55
Turquoise Bluet	138
Twelve-spotted Skimmer	382
Twin-spotted Spiketail	5
Unicorn Clubtail	193
Variable Dancer	482
Variiegated Meadowhawk	1
Vesper Bluet	60
Wandering Glider	38
White-faced Meadowhawk	8
Widow Skimmer	774
Yellow-sided Skimmer	23

Geauga	680	67	40
Summit	678	56	91
Champaign	668	55	36
Coshocton	658	42	5
Lake	615	63	44
Cuyahoga	544	47	68
Greene	517	56	49
Montgomery	498	68	59
Butler	447	39	36
Hamilton	406	45	74
Portage	405	58	30
Clark	332	46	20
Clermont	306	48	46
Licking	221	33	21
Medina	193	33	19
Warren	184	46	29
Darke	182	46	6
Wood	137	26	14
Miami	135	39	14
Hancock	134	41	14
Shelby	134	39	8
Erie	127	29	14
Logan	125	37	5
Delaware	120	28	40
Williams	118	34	4
Trumbull	110	30	11
Pike	105	24	7
Sandusky	95	22	8
Highland	93	33	15
Ottawa	92	25	22
Ross	88	25	10
Huron	87	21	4
Perry	85	17	3
Fayette	81	31	5
Union	77	19	10
Brown	76	31	6
Jackson	76	15	9
Clinton	74	22	11
Hocking	67	27	17
Morgan	61	22	4
Washington	60	25	3

Ohio Dragonfly Survey

Numbers by County through July

co	RG obs	# sp	observers
Ashtabula	1231	62	24
Lucas	1114	71	58
Franklin	922	50	93
Stark	874	66	22
Lorain	708	48	32

Athens	56	29	13
Fulton	56	25	3
Adams	52	25	11
Wayne	50	15	18
Harrison	44	29	6
Richland	43	19	13
Madison	42	19	9
Auglaize	41	20	3
Mercer	41	21	2
Fairfield	40	22	14
Guernsey	40	19	2
Paulding	40	22	1
Crawford	39	24	6
Noble	39	18	3
Holmes	38	16	6
Putnam	37	19	2
Preble	34	21	11
Defiance	33	22	4
Ashland	30	17	12
Henry	28	17	1
Knox	28	13	9
Muskingum	28	14	8
Seneca	28	11	5
Pickaway	27	15	10
Van Wert	25	15	2
Hardin	24	18	2
Columbiana	17	9	5
Scioto	16	8	9
Morrow	13	7	4
Tuscarawas	13	11	4
Allen	12	9	5
Mahoning	12	6	11
Lawrence	10	7	3
Belmont	8	5	3
Vinton	7	7	2
Jefferson	6	6	3
Monroe	5	4	2
Carroll	4	3	2
Marion	4	4	4
Wyandot	4	4	3
Gallia	3	3	3

Meigs	0	0	0
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Here, again, is a Target 2021 map prioritizing target counties. The darker the color, the higher the priority. As a bonus to providing scarce data, visiting these less-explored counties offers the best chance to observe a county record.

Ohio Dragonfly Survey
Target - 2021

