

# A List of the Odonates of Northumberland County, Ontario

Compiled by Colin D. Jones

The following checklist is based on data contained within the Ontario Odonata Atlas Database and lists all of the species (as well as three additional subspecies) of dragonflies and damselflies known to occur in Ontario. Those known from Northumberland Co. are indicated by an "X" in the "NC" column. For those not known from Northumberland County, the probability of their occurrence is provided in the "Probability" column.

- X = recorded from Northumberland Co. as of 2009
- Expected = Fully expected to occur based on range
- Possible = Could occur (N qualifier indicates a more northern distribution in Ontario, S indicates a more southern distribution)
- Southern = not likely to occur, a more southern species
- Northern = not likely to occur, a more northern species
- Not Likely = not likely to occur based on range and/or habitat preferences

From an odonate perspective, compared to neighbouring counties (e.g. Peterborough, Durham, Hastings), Northumberland has received little coverage in the past. This is indicated by the relatively low number of species known from the county and the relatively high number of species expected to occur. There is great potential, therefore, to make many new discoveries for the county.



*Illinois River Cruiser (Macromia illinoiensis). Photo credit: David Bree*

For additional information on the Ontario Odonata Atlas project and the annual Ontario Odonata Summary and to find out how you can contribute contact Colin D. Jones at:

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*Lancet Clubtail (Gomphus exilis) Photo credit: David Bree*



Scientific Name	Common Name	NC	Probability
<b>CALOPTERYGIDAE</b>	<b>BROAD-WINGED DAMSELS</b>		
<i>Calopteryx aequabile</i>	River Jewelwing	X	
<i>Calopteryx maculata</i>	Ebony Jewelwing	X	
<i>Hetaerina americana</i>	American Rubyspot		Possible - S
<i>Hetaerina titia</i>	Smoky Rubyspot		Southern
<b>LESTIDAE</b>	<b>SPREADWINGED DAMSELS</b>		
<i>Archilestes grandis</i>	Great Spreadwing		Southern
<i>Lestes congener</i>	Spotted Spreadwing	X	
<i>Lestes disjunctus disjunctus</i>	Common Spreadwing	X	
<i>Lestes d. australis</i>	"Austral" Common Spreadwing		Possible - S
<i>Lestes dryas</i>	Emerald Spreadwing	X	
<i>Lestes eurinus</i>	Amber-winged Spreadwing		Expected
<i>Lestes forcipatus</i>	Sweetflag Spreadwing	X	
<i>Lestes inaequalis</i>	Elegant Spreadwing	X	
<i>Lestes rectangularis</i>	Slender Spreadwing	X	
<i>Lestes unguiculatus</i>	Lyre-tipped Spreadwing	X	
<i>Lestes vigilax</i>	Swamp Spreadwing		Expected



Top to bottom: Ebony Jewelwing (*Calopteryx maculata*), Swamp Spreadwing (*Lestes vigilax*). Photo credits: David Bree.

Scientific Name	Common Name	NC	Probability
<b>COENAGRIONIDAE</b>	<b>POND DAMSELS</b>		
<i>Amphiagrion saucium</i>	Eastern Red Damsel	X	
<i>Argia apicalis</i>	Blue-fronted Dancer		Southern
<i>Argia fumipennis violacea</i>	Variable Dancer	X	
<i>Argia moesta</i>	Powdered Dancer	X	
<i>Argia sedula</i>	Blue-ringed Dancer		Southern
<i>Argia tibialis</i>	Blue-tipped Dancer		Southern
<i>Argia translata</i>	Dusky Dancer		Southern
<i>Chromagrion conditum</i>	Aurora Damsel		Expected
<i>Coenagrion angulatum</i>	Prairie Bluet		Northern
<i>Coenagrion interrogatum</i>	Subarctic Bluet		Northern
<i>Coenagrion resolutum</i>	Taiga Bluet	X	
<i>Enallagma anna</i>	River Bluet		Possible - S
<i>Enallagma annexum</i>	Northern Bluet	X	
<i>Enallagma antennatum</i>	Rainbow Bluet	X	
<i>Enallagma aspersum</i>	Azure Bluet	X	
<i>Enallagma basidens</i>	Double-striped Bluet		Southern
<i>Enallagma boreale</i>	Boreal Bluet	X	
<i>Enallagma carunculatum</i>	Tule Bluet	X	
<i>Enallagma civile</i>	Familiar Bluet	X	



*Skimming Bluet (Enallagma geminatum). Photo credits: David Bree.*

Scientific Name	Common Name	NC	Probability
<b>COENAGRIONIDAE (continued)</b>	<b>POND DAMSELS (continued)</b>		
<i>Enallagma clausum</i>	Alkali Bluet		Northern
<i>Enallagma ebrium</i>	Marsh Bluet	X	
<i>Enallagma exsulans</i>	Stream Bluet	X	
<i>Enallagma geminatum</i>	Skimming Bluet	X	
<i>Enallagma hageni</i>	Hagen's Bluet	X	
<i>Enallagma signatum</i>	Orange Bluet	X	
<i>Enallagma traviatum</i>	Slender Bluet		Southern
<i>Enallagma vernale</i>	"Spring" Northern Bluet	X	
<i>Enallagma vesperum</i>	Vesper Bluet	X	
<i>Ischnura hastata</i>	Citrine Forktail	X	
<i>Ischnura kellicotti</i>	Lilypad Forktail		Southern
<i>Ischnura posita</i>	Fragile Forktail	X	
<i>Ischnura verticalis</i>	Eastern Forktail	X	
<i>Nehalennia gracilis</i>	Sphagnum Sprite		Possible - N
<i>Nehalennia irene</i>	Sedge Sprite	X	



*Eastern Forktail (Ischnura verticalis). Photo credit: David Bree.*



Scientific Name	Common Name	NC	Probability
<b>AESHNIDAE</b>	<b>DARNERS</b>		
<i>Aeshna canadensis</i>	Canada Darner	X	
<i>Aeshna clepsydra</i>	Mottled Darner	X	
<i>Aeshna constricta</i>	Lance-tipped Darner	X	
<i>Aeshna eremita</i>	Lake Darner	X	
<i>Aeshna interrupta interrupta</i>	Variable "Interrupted" Darner		Expected
<i>Aeshna i. lineata</i>	Variable "Lineate" Darner		Northern
<i>Aeshna juncea americana</i>	Sedge Darner		Northern
<i>Aeshna mutata</i>	Spatterdock Darner		Southern
<i>Aeshna septentrionalis</i>	Azure Darner		Northern
<i>Aeshna sitchensis</i>	Zigzag Darner		Northern
<i>Aeshna subarctica</i>	Subarctic Darner		Northern
<i>Aeshna tuberculifera</i>	Black-tipped Darner	X	
<i>Aeshna umbrosa</i>	Shadow Darner	X	
<i>Aeshna verticalis</i>	Green-striped Darner	X	
<i>Anax junius</i>	Common Green Darner	X	
<i>Anax longipes</i>	Comet Darner		Southern
<i>Basiaeschna janata</i>	Springtime Darner	X	
<i>Boyeria grafiana</i>	Ocellated Darner		Possible
<i>Boyeria vinosa</i>	Fawn Darner	X	
<i>Epiaeschna heros</i>	Swamp Darner	X	
<i>Gomphaeschna furcillata</i>	Harlequin Darner		Possible
<i>Nasiaeschna pentacantha</i>	Cyrano Darner		Possible



Clockwise from top: Common Green Darner (*Anax junius*), Common Green Darner exuvia, Lance-tipped Darner (*Aeshna constricta*). Photo credits: David Bree.

Scientific Name	Common Name	NC	Probability
<b>GOMPHIDAE</b>	<b>CLUBTAILS</b>		
<i>Arigomphus cornutus</i>	Horned Clubtail		Possible
<i>Arigomphus furcifer</i>	Lilypad Clubtail	X	
<i>Arigomphus villosipes</i>	Unicorn Clubtail		Possible - S
<i>Dromogomphus spinosus</i>	Black-shouldered Spinyleg		Expected
<i>Dromogomphus spoliatus</i>	Flag-tailed Spinyleg		Southern
<i>Gomphus adelphus</i>	Moustached Clubtail		Northern
<i>Gomphus borealis</i>	Beaverpond Clubtail		Northern
<i>Gomphus descriptus</i>	Harpoon Clubtail	X	
<i>Gomphus exilis</i>	Lancet Clubtail		Expected
<i>Gomphus fraternus</i>	Midland Clubtail		Possible - S
<i>Gomphus graslinellus</i>	Pronghorn Clubtail		Expected
<i>Gomphus lividus</i>	Ashy Clubtail		Expected
<i>Gomphus quadricolor</i>	Rapids Clubtail		Possible
<i>Gomphus spicatus</i>	Dusky Clubtail	X	
<i>Gomphus vastus</i>	Cobra Clubtail		Not Likely
<i>Gomphus ventricosus</i>	Skillet Clubtail		Not Likely
<i>Gomphus viridifrons</i>	Green-faced Clubtail		Not Likely



*Lancet Clubtail (Gomphus Exilis). Photo credit: David Bree.*



Scientific Name	Common Name	NC	Probability
<b>GOMPHIDAE (continued)</b>	<b>CLUBTAILS (continued)</b>		
<i>Hagenius brevistylus</i>	Dragonhunter	X	
<i>Ophiogomphus anomalus</i>	Extra-striped Snaketail		Northern
<i>Ophiogomphus carolus</i>	Riffle Snaketail		Northern
<i>Ophiogomphus colubrinus</i>	Boreal Snaketail		Northern
<i>Ophiogomphus howei</i>	Pygmy Snaketail		Not Likely
<i>Ophiogomphus mainensis</i>	Maine Snaketail		Not Likely
<i>Ophiogomphus rupinsulensis</i>	Rusty Snaketail		Expected
<i>Progomphus obscurus</i>	Common Sanddragon		Possible
<i>Stylogomphus albistylus</i>	Least Clubtail	X	
<i>Stylurus amnicola</i>	Riverine Clubtail		Not Likely
<i>Stylurus laurae</i>	Laura's Clubtail		Southern
<i>Stylurus notatus</i>	Elusive Clubtail		Possible
<i>Stylurus plagiatus</i>	Russet-tipped Clubtail		Southern
<i>Stylurus scudderi</i>	Zebra Clubtail	X	
<i>Stylurus spiniceps</i>	Arrow Clubtail		Possible



*Horned Clubtail (Arigomphus cornutus). Photo credit: David Bree.*



Scientific Name	Common Name	NC	Probability
<b>CORDULEGASTERIDAE</b>	<b>SPIKETAILS</b>		
<i>Cordulegaster diastatops</i>	Delta-spotted Spiketail		Expected
<i>Cordulegaster maculata</i>	Twin-spotted Spiketail	X	
<i>Cordulegaster obliqua</i>	Arrowhead Spiketail		Possible
<b>MACROMIIDAE</b>	<b>CRUISERS</b>		
<i>Didymops transversa</i>	Stream Cruiser		Expected
<i>Macromia illinoiensis</i>	Illinois River Cruiser		Expected
<i>Macromia taeniolata</i>	Royal River Cruiser		Southern
<b>CORDULIIDAE</b>	<b>EMERALDS</b>		
<i>Cordulia shurtleffi</i>	American Emerald		Expected
<i>Dorocordulia libera</i>	Racket-tailed Emerald	X	
<i>Epitheca canis</i>	Beaverpond Baskettail	X	
<i>Epitheca cynosura</i>	Common Baskettail	X	
<i>Epitheca princeps</i>	Prince Baskettail	X	
<i>Epitheca spinigera</i>	Spiny Baskettail	X	
<i>Helocordulia uhleri</i>	Uhler's Sundragon		Possible - N
<i>Neurocordulia michaeli</i>	Broad-tailed Shadowdragon		Not Likely
<i>Neurocordulia yamaskanensis</i>	Stygian Shadowdragon		Expected



Left to right: Twin-spotted Spiketail (*Cordulegaster maculata*). Photo credit: Margaret Wilson. Illinois River Cruiser (*Macromia illinoiensis*). Photo credit: David Bree.

Scientific Name	Common Name	NC	Probability
<b>FAMILY CORDULIIDAE</b>	<b>EMERALDS (continued)</b>		
<i>Somatochlora albicincta</i>	Ringed Emerald		Northern
<i>Somatochlora cingulata</i>	Lake Emerald		Northern
<i>Somatochlora elongata</i>	Ski-tailed Emerald		Northern
<i>Somatochlora ensigera</i>	Plains Emerald		Not Likely
<i>Somatochlora forcipata</i>	Forcipate Emerald		Possible
<i>Somatochlora franklini</i>	Delicate Emerald		Northern
<i>Somatochlora hineana</i>	Hine's Emerald		Not Likely
<i>Somatochlora hudsonica</i>	Hudsonian Emerald		Northern
<i>Somatochlora incurvata</i>	Incurvate Emerald		Northern
<i>Somatochlora kennedyi</i>	Kennedy's Emerald		Possible - N
<i>Somatochlora linearis</i>	Mocha Emerald		Not Likely
<i>Somatochlora minor</i>	Ocellated Emerald		Expected
<i>Somatochlora septentrionalis</i>	Muskeg Emerald		Northern
<i>Somatochlora tenebrosa</i>	Clamp-tipped Emerald	X	
<i>Somatochlora walshii</i>	Brush-tipped Emerald		Expected
<i>Somatochlora whitehousei</i>	Whitehouse's Emerald		Northern
<i>Somatochlora williamsoni</i>	Williamson's Emerald	X	
<i>Williamsonia fletcheri</i>	Ebony Boghaunter		Possible - N



Clockwise from top left: Racket-tailed Emerald (*Dorocordulia libera*), Prince Baskettail exuvia (*Epitheca princeps*), Beaverpond Baskettail (*Epitheca canis*). Photo credits: David Bree.



Scientific Name	Common Name	NC	Probability
<b>LIBELLULIDAE</b>	<b>SKIMMERS</b>		
<i>Celithemis elisa</i>	Calico Pennant	X	
<i>Celithemis eponina</i>	Halloween Pennant	X	
<i>Celithemis fasciata</i>	Banded Pennant		Southern
<i>Erythemis simplicicollis</i>	Eastern Pondhawk	X	
<i>Erythrodiplax umbrata</i>	Band-winged Dragonlet		Not Likely
<i>Ladona (Libellula) julia</i>	Chalk-fronted Corporal	X	
<i>Leucorrhinia borealis</i>	Boreal Whiteface		Northern
<i>Leucorrhinia frigida</i>	Frosted Whiteface	X	
<i>Leucorrhinia glacialis</i>	Crimson-ringed Whiteface		Possible - N
<i>Leucorrhinia hudsonica</i>	Hudsonian Whiteface	X	
<i>Leucorrhinia intacta</i>	Dot-tailed Whiteface	X	
<i>Leucorrhinia patricia</i>	Canada Whiteface		Northern
<i>Leucorrhinia proxima</i>	Red-waisted Whiteface		Expected
<i>Libellula incesta</i>	Slaty Skimmer	X	
<i>Libellula luctuosa</i>	Widow Skimmer	X	
<i>Libellula pulchella</i>	Twelve-spotted Skimmer	X	
<i>Libellula quadrimaculata</i>	Four-spotted Skimmer	X	
<i>Libellula semifasciata</i>	Painted Skimmer	X	
<i>Libellula vibrans</i>	Great Blue Skimmer		Southern



Clockwise from top left: Dot-tailed Whiteface (*Leucorrhinia intacta*), Twelve-spotted Skimmer (*Libellula pulchella*), Calico Pennant (*Celithemis elisa*). Photo credits: David Bree.

Scientific Name	Common Name	NC	Probability
<b>FAMILY LIBELLULIDAE</b>	<b>SKIMMERS (continued)</b>		
<i>Nannothemis bella</i>	Elfin Skimmer		Possible
<i>Pachydiplax longipennis</i>	Blue Dasher	X	
<i>Pantala flavescens</i>	Wandering Glider	X	
<i>Pantala hymenea</i>	Spot-winged Glider	X	
<i>Perithemis tenera</i>	Eastern Amberwing		Possible - S
<i>Plathemis (Libellula) lydia</i>	Common Whitetail	X	
<i>Sympetrum ambiguum</i>	Blue-faced Meadowhawk		Southern
<i>Sympetrum corruptum</i>	Variegated Meadowhawk		Possible
<i>Sympetrum costiferum</i>	Saffron-winged Meadowhawk		Possible
<i>Sympetrum danae</i>	Black Meadowhawk		Possible - N
<i>Sympetrum internum</i>	Cherry-faced Meadowhawk	X	
<i>Sympetrum obtrusum</i>	White-faced Meadowhawk	X	
<i>Sympetrum rubicundulum</i>	Ruby Meadowhawk		Possible - S
<i>Sympetrum semicinatum</i>	Band-winged Meadowhawk	X	
<i>Sympetrum vicinum</i>	Yellow-legged Meadowhawk	X	
<i>Tamea carolina</i>	Carolina Saddlebags	X	
<i>Tamea lacerata</i>	Black Saddlebags	X	
<i>Tamea onusta</i>	Red Saddlebags		Possible - S



Left to right: Yellow-legged Meadowhawk (*Sympetrum vicinum*), Widow Skimmer (*Libellula luctuosa*), Wandering Glider (*Pantala flavescens*). Photo credits: David Bree.