

Kingston Field Naturalists
CHECKLIST OF DAMSELFLIES AND DRAGONFLIES OF KINGSTON
Class Insecta; Order Odonata; Suborder Zygoptera and Anisoptera

The following checklist is based on data contained within the Ontario Odonata Database (OOD) with additional records from naturalists in the Kingston area. The OOD is maintained by the Natural Heritage Information Centre, Ontario Ministry of Natural Resources in Peterborough, Ontario. A yearly summary of Odonata records for the province began in 1999 and results in a yearly publication entitled "Ontario Odonata" and is published by the Toronto Entomologist's Association (www.ontarioinsects.org).

The area covered by this checklist is a 50 km radius semi-circle centred at Kingston City Hall (44.2298 N and 76.4804 W). The northern limit of the circle is located in the Westport area and the southern limit is represented by the international border with the United States. The circle extends from the Rockport area in the east to the Marysville area in the west. The circle contains the southern portions of Frontenac and Lennox and Addington Counties, as well as a portion of south-western Leeds County, the extreme south-eastern tip of Hastings County and a small portion of eastern Prince Edward County. We accept all sightings from Charleston Lake Park and Menzel Provincial Park, though parts of both are outside the circle.

Because odonate (dragonflies and damselflies) diversity and distribution in the Kingston area has been relatively understudied, some species could be more abundant than reported here. Also there could be species which have not yet been discovered. As odonate watching continues to become more popular, more information will be collected to improve our knowledge of the distribution, status and flight season. Each species listed has a code following the scientific name. The meanings are as follows:

Widespread and uncommon – W/UNC
Local and uncommon – L/UNC
Widespread and common – W/C
Local and common – L/C
Widespread and abundant – W/A
Local and abundant – L/A
Local and rare – L/R
Rare-R
Vagrant – V

The Kingston Field Naturalists, the Ontario Odonata Atlas and yearly summary welcome any, and all, records of dragonflies and damselflies, especially of rare species or species new to our area. Basic information such as date, location and species is sufficient but the exact location (latitude and longitude) with a GPS unit helps in the mapping and, ultimately, the conservation of species. For rare species a photograph is essential unless several observers are present. With the advent of digital cameras with optical magnification, the KFN discourages the collection of specimens.

The following checklist of dragonflies and damselflies is a record of all species (105) observed in our area. It includes the scientific name and common name, followed by a code denoting status. A second checklist available for use in the field by KFN members, lists the common name with additional spaces for date, location and quantity. Further information on how to report sightings can be obtained from Kurt Hennige khennige@xplornet.com or Carol Seymour thecmors@hotmail.ca who welcome all data and who would especially like to hear of any rare sightings as soon as possible.

Field Checklist of Dragonflies and Damselflies

For the Kingston Rregion

Common Name	Date	Location	Qty	Common Name	Date	Location	Qty
Damselflies							
Ebony Jewelwing				Eastern Forktail			
River Jewelwing				Fragile Forktail			
				Sedge Sprite			
Spreadwings				Sphagnum Sprite			
Amber-winged Spreadwing							
Elegant Spreadwing				Darners			
Emerald Spreadwing				Canada Darner			
Lyre-tipped Spreadwing				Black-tipped Darner			
Northern Spreadwing				Common Green Darner			
Slender Spreadwing				Cyrano Darner			
Spotted Spreadwing				Fawn Darner			
Swamp Spreadwing				Green-striped Darner			
Sweetflag Spreadwing				Harlequin Darner			
				Lake Darner			
Pond Damsels				Lance-tipped Darner			
Powdered Dancer				Mottled Darner			
Violet Dancer				Shadow Darner			
Aurora Damsel				Springtime Darner			
Taiga Bluet				Swamp Darner			
Azure Bluet				Variable Darner			
Boreal Bluet				Zig-zag Darner			
Familiar Bluet							
Hagen's Bluet				Clubtails			
Marsh Bluet				Ashy Clubtail			
Northern Bluet				Dusky Clubtail			
Orange Bluet				Horned Clubtail			
Rainbow Bluet				Lilypad Clubtail			
Skimming Bluet				Unicorn Clubtail			
Stream Bluet				Black-shouldered Spinyleg			
Tule Bluet				Mustached Clubtail			
Vernal Bluet				Lancet Clubtail			
Vesper Bluet				Dragonhunter			
Citrine Forktail				Rusty Snaketail			

Common Name	Date	Location	Qty	Common Name	Date	Location	Qty
Eastern Least Clubtail				Slaty Skimmer			
Elusive Clubtail				Twelve-spotted Skimmer			
				Widow Skimmer			
Spiketails				Wandering Glider			
Arrowhead Spiketail				Spot-winged Glider			
Delta-spotted Spiketail				Belted Whiteface			
Twin-spotted Spiketail				Crimson-ringed Whiteface			
				Dot-tailed Whiteface			
Cruisers				Hudsonian Whiteface			
Stream Cruiser				Frosted Whiteface			
Swift River Cruiser				Autumn Meadowhawk			
				Band-winged Meadowhawk			
Emeralds				Cherry-faced Meadowhawk			
Beaverpond Baskettail				Ruby Meadowhawk			
Common Baskettail				Saffron-winged Meadowhawk			
Prince Baskettail				White-faced Meadowhawk			
Spiny Baskettail				Black Saddlebags			
American Emerald				Carolina Saddlebags			
Brush-tipped Emerald				Red Saddlebags			
Kennedy's Emerald							
Racket-tailed Emerald							
William's Emerald							
Stygian Shadowdragon							
Uhler's Sundragon							
Ebony Boghaunter							
Skimmers							
Calico Pennant							
Halloween Pennant							
Eastern Pondhawk							
Blue Dasher							
Chalk-fronted Corporal							
Common Whitetail							
Eastern Amberwing							
Elfin Skimmer							
Four-spotted Skimmer							

Checklist of Dragonflies and Damselflies For the Kingston Region

Zygoptera - Damselflies	Status	Aeshnidae – Darners	
		Aeshna canadensis – Canada Darner	W/C
Calopterygidae – Broad-winged Damselflies		Aeshna clepsydra – Mottled Darner	L/UNC
Calopteryx aequabilis – River Jewelwing	L/UNC	Aeshna constricta – Lance-tipped Darner	W/C
Calopteryx maculata – Ebony Jewelwing	W/C	Aeshna eremita – Lake Darner	L/UNC
		Aeshna interrupta – Variable Darner	V
Lestidae – Spreadwings		Aeshna sitchensis – Zig-zag Darner	V
Lestes congener – Spotted Spreadwing	W/C	Aeshna tuberculifera – Black-tipped Darner	L/UNC
Lestes disjunctus – Northern Spreadwing	W/C	Aeshna umbrosa – Shadow Darner	W/C
Lestes dryas – Emerald Spreadwing	W/C	Aeshna verticalis – Green-striped Darner	L/R
Lestes eurinus – Amber-winged Spreadwing	L/UNC	Anax junius – Common Green Darner	W/C
Lestes forcipatus – Sweetflag Spreadwing	L/C	Basiaeschna janata – Springtime Darner	W/C
Lestes inequalis – Elegant Spreadwing	L/C	Boyeria vinosa – Fawn Darner	L/UNC
Lestes rectangularis – Slender Spreadwing	W/C	Epiaeschna heros – Swamp Darner	L/UNC
Lestes unguiculatus – Lyre-tipped Spreadwing	W/UNC	Gomphaeschna furcillata – Harlequin Darner	L/UNC
Lestes vigilax – Swamp Spreadwing	W/UNC	Nasiaeschna pentacantha – Cyrano Darner	L/UNC
Coenagrionidae – Pond Damsels		Gomphidae – Clubtails	
Argia fumipennis violacea – Violet Dancer	W/UNC	Agricomphus cornutus – Horned Clubtail	L/UNC
Argia moesta – Powdered Dancer	W/UNC	Arigomphus furcifer – Lilypad Clubtail	L/UNC
Cromagrion conditum – Aurora Damsel	W/UNC	Arigomphus villosipes – Unicorn Clubtail	L/R
Coenagrion resolutum – Taiga Bluet	W/UNC	Dromogomphus spinosus – Black-shouldered Spinyleg	W/C
Enallagma atennatum – Rainbow Bluet	W/UNC	Gomphus adelphus – Mustached Clubtail	L/R
Enallagma aspersum – Azure Bluet	L/R	Gomphus exilis – Lancet Clubtail	W/C
Enallagma boreale – Boreal Bluet	W/UNC	Gomphus lividus – Ashy Clubtail	R
Enallagma carunculatum – Tule Bluet	L/C	Gomphus spicatus – Dusky Clubtail	W/C
Enallagma civile – Familiar Bluet	L/A	Hagenius brevistylus – Dragonhunter	L/C
Enallagma cyathigerum – Northern Bluet	R	Ophiogomphus rupinsulensis – Rusty Snaketail	L/R
Enallagma vernale – Vernal Bluet	UNC	Stylogomphus albistylus – Eastern Least Clubtail	L/UNC
Enallagma ebruum – Marsh Bluet	W/C	Stylurus notalus – Elusive Clubtail	V
Enallagma exsulans – Stream Bluet	W/C		
Enallagma geminatum – Skimming Bluet	W/C	Cordulegastridae – Spiketails	
Enallagma hageni – Hagen's Bluet	W/C	Cordulegaster diastatops – Delta-spotted Spiketail	L/R
Enallagma signatum – Orange Bluet	W/C	Cordulegaster maculata – Twin-spotted Spiketail	L/R
Enallagma vesperum – Vesper Bluet	W/UNC	Cordulegaster obliqua – Arrowhead Spiketail	L/R
Ischnura hastata – Citrine Forktail	V		
Ischnura posita – Fragile Forktail	W/UNC	Macromiidae – Cruisers	
Ischnura verticalis – Eastern Forktail	W/C	Didymops transversa – Stream Cruiser	W/C
Nehalennia gracilis – Sphagnum Sprite	L/UNC	Macromia illinoensis – Swift River Cruiser	L/UNC
Nehalennia irene – Sedge Sprite	W/C		

	Status		
Corduliidae – Emeralds			
Cordulia shutleffi – American Emerald	W/A		
Dorocordulia libera – Racket-tailed Emerald	W/A		
Epitheca canis – Beaverpond Baskettail	L/C		
Epitheca cynosura – Common Baskettail	W/A		
Epitheca princeps – Prince Baskettail	W/C		
Epitheca spinigera – Spiny Baskettail	W/C		
Helocordulia uhleri – Uhler's Sundragon	L/R		
Neurocordulia yamaskanensis – Stygian Shadowdragon	L/R		
Somatochlora kennedyi – Kennedy's Emerald	L/R		
Somatochlora walshii – Brush-tipped Emerald	L/UNC		
Somatochlora williamsoni – Williamson's Emerald	L/R		
Williamsonia fletcheri – Ebony Boghaunter	L/R		
Libellulidae – Skimmers			
Celithemis elisa – Calico Pennant	W/C		
Celithemis eponina – Halloween Pennant	W/C		
Erythemis simplicicollis – Eastern Pondhawk	W/C		
Ladona julia – Chalk-fronted Corporal	W/A		
Leucorrhinia frigida – Frosted Whiteface	L/UNC		
Leucorrhinia glacialis – Crimson-ringed Whiteface	L/R		
Leucorrhinia hudsonica – Hudsonian Whiteface	W/UNC		
Leucorrhinia inacta – Dot-tailed Whiteface	W/C		
Leucorrhinia proxima – Belted Whiteface	L/UNC		
Libellula incesta – Slaty Skimmer	W/C		
Libellula luctuosa – Widow Skimmer	W/A		
Libellula pulchella – Twelve-spotted Skimmer	W/A		
Libellula quadrimaculata – Four-spotted Skimmer	W/C		
Nannothemis bella – Elfin Skimmer	L/C		
Pachydiplax longipennis – Blue Dasher	W/C		
Pantala flavescens – Wandering Glider	W/UNC		
Pantala hymeneae – Spot-winged Glider	L/R		
Perithemis tenera – Eastern Amberwing	W/UNC		
Plathemis lydia – Common Whitetail	W/A		
Sympetrum costiferum – Saffron-winged Meadowhawk	L/R		
Sympetrum internum – Cherry-faced Meadowhawk	W/C		
Sympetrum obtrusum – White-faced Meadowhawk	W/C		
Sympetrum rubicundulum – Ruby Meadowhawk	L/R		
Sympetrum semicinctum – Band-winged Meadowhawk	L/UNC		
Sympetrum vicinum – Autumn Meadowhawk	W/A		
Tamea carolina – Carolina Saddlebags	V		
Tamea onusta – Red Saddlebags	V		
Tamea lacerata – Black Saddlebags	L/C		