

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 (106) 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.

Zygoptera - Damselflies	Status				
Calopterygidae – Broad-winged Damselflies					
<i>Calopteryx aequabilis</i> – River Jewelwing	L/UNC				
<i>Calopteryx maculata</i> – Ebony Jewelwing	W/C				
Lestidae – Spreadwings					
<i>Lestes congener</i> – Spotted Spreadwing	W/C				
<i>Lestes disjunctus</i> – Northern Spreadwing	W/C				
<i>Lestes dryas</i> – Emerald Spreadwing	W/C				
<i>Lestes eurinus</i> – Amber-winged Spreadwing	L/UNC				
<i>Lestes forcipatus</i> – Sweetflag Spreadwing	L/C				
<i>Lestes inequalis</i> – Elegant Spreadwing	L/C				
<i>Lestes rectangularis</i> – Slender Spreadwing	W/C				
<i>Lestes unguiculatus</i> – Lyre-tipped Spreadwing	W/UNC				
<i>Lestes vigilax</i> – Swamp Spreadwing	W/UNC				
Coenagrionidae – Pond Damselflies					
<i>Argia fumipennis violacea</i> – Violet Dancer	W/UNC				
<i>Argia moesta</i> – Powdered Dancer	W/UNC				
<i>Chromagrion conditum</i> – Aurora Damsel	W/UNC				
<i>Coenagrion resolutum</i> – Taiga Bluet	W/UNC				
<i>Enallagma atennatum</i> – Rainbow Bluet	W/UNC				
<i>Enallagma aspersum</i> – Azure Bluet	L/R				
<i>Enallagma boreale</i> – Boreal Bluet	W/UNC				
<i>Enallagma carunculatum</i> – Tule Bluet	L/C				
<i>Enallagma civile</i> – Familiar Bluet	L/A				
<i>Enallagma cyathigerum</i> – Northern Bluet	R				
<i>Enallagma vernale</i> – Vernal Bluet	UNC				
<i>Enallagma ebrum</i> – Marsh Bluet	W/C				
<i>Enallagma exsulans</i> – Stream Bluet	W/C				
<i>Enallagma geminatum</i> – Skimming Bluet	W/C				
<i>Enallagma hageni</i> – Hagen's Bluet	W/C				
<i>Enallagma signatum</i> – Orange Bluet	W/C				
<i>Enallagma vesperum</i> – Vesper Bluet	W/UNC				
<i>Ischnura hastata</i> – Citrine Forktail	V				
<i>Ischnura posita</i> – Fragile Forktail	W/UNC				
<i>Ischnura verticalis</i> – Eastern Forktail	W/C				
<i>Nehalennia gracilis</i> – Sphagnum Sprite	L/UNC				
<i>Nehalennia irene</i> – Sedge Sprite	W/C				
Corduliidae – Emeralds					
<i>Cordulia shurtleffi</i> – American Emerald	W/A				
<i>Dorocordulia libera</i> – Racket-tailed Emerald	W/A				
<i>Epitheca canis</i> – Beaverpond Baskettail	L/C				
<i>Epitheca cynosura</i> – Common Baskettail	W/A				
<i>Epitheca princeps</i> – Prince Baskettail	W/C				

<i>Epitheca spinigera</i> – Spiny Baskettail	W/C			
<i>Helocordulia uhleri</i> – Uhler's Sundragon	L/R			
<i>Neurocordulia yamaskanensis</i> – Stygian Shadowdragon	L/R			
<i>Somatochlora kennedyi</i> – Kennedy's Emerald	L/R			
<i>Somatochlora walshii</i> – Brush-tipped Emerald	L/UNC			
<i>Somatochlora williamsoni</i> – Williamson's Emerald	L/R			
<i>Williamsonia fletcheri</i> – Ebony Boghaunter	L/R			
Libellulidae – Skimmers				
<i>Celithemis elisa</i> – Calico Pennant	W/C			
<i>Celithemis eponina</i> – Halloween Pennant	W/C			
<i>Erythemis simplicicollis</i> – Eastern Pondhawk	W/C			
<i>Ladona julia</i> – Chalk-fronted Corporal	W/A			
<i>Leucorrhinia frigida</i> – Frosted Whiteface	L/UNC			
<i>Leucorrhinia glacialis</i> – Crimson-ringed Whiteface	L/R			
<i>Leucorrhinia hudsonica</i> – Husonian Whiteface	W/UNC			
<i>Leucorrhinia intacta</i> – Dot-tailed Whiteface	W/C			
<i>Leucorrhinia proxima</i> – Belted Whiteface	L/UNC			
<i>Libellula incesta</i> – Slaty Skimmer	W/C			
<i>Libellula luctuosa</i> – Widow Skimmer	W/A			
<i>Libellula pulchella</i> – Twelve-spotted Skimmer	W/A			
<i>Libellula quadrimaculata</i> – Four-spotted Skimmer	W/C			
<i>Libellula semifasciata</i> – Painted Skimmer	V			
<i>Nannothemis bella</i> – Elfin Skimmer	L/C			
<i>Pachydiplax longipennis</i> – Blue Dasher	W/C			
<i>Pantala flavescens</i> – Wandering Glider	W/UNC			
<i>Pantala hymenea</i> – Spot-winged Glider	L/R			
<i>Perithemis tenera</i> – Eastern Amberwing	W/UNC			
<i>Plathemis lydia</i> – Common Whitetail	W/A			
<i>Sympetrum costiferum</i> – Saffron-winged Meadowhawk	L/R			
<i>Sympetrum internum</i> – Cherry-faced Meadowhawk	W/C			
<i>Sympetrum obtrusum</i> – White-faced Meadowhawk	W/C			
<i>Sympetrum rubicundulum</i> – Ruby Meadowhawk	L/R			
<i>Sympetrum semicinctum</i> – Band-winged Meadowhawk	L/UNC			
<i>Sympetrum vicinum</i> – Autumn Meadowhawk	W/A			
<i>Tamea carolina</i> – Carolina Saddlebags	V			
<i>Tamea onusta</i> – Red Saddlebags	V			
<i>Tamea lacerata</i> – Black Saddlebags	L/C			
Aeshnidae – Darner				
<i>Aeshna canadensis</i> – Canada Darner	W/C			
<i>Aeshna clepsydra</i> – Mottled Darner	L/UNC			
<i>Aeshna constricta</i> – Lance-tipped Darner	W/C			
<i>Aeshna eremita</i> – Lake Darner	L/UNC			
<i>Aeshna interrupta</i> – Variable Darner	V			
<i>Aeshna sitchensis</i> – Zig-zag Darner	V			
<i>Aeshna tuberculifera</i> – Black-tipped Darner	L/UNC			
<i>Aeshna umbrosa</i> – Shadow Darner	W/C			
<i>Aeshna verticalis</i> – Green-striped Darner	L/R			
<i>Anax junius</i> – Common Green Darner	W/C			
<i>Basiaeschna janata</i> – Springtime Darner	W/C			

<i>Boyeria vinosa</i> – Fawn Darner	L/UNC				
<i>Epiaeschna heros</i> – Swamp Darner	L/UNC				
<i>Gomphaeschna furcillata</i> – Harlequin Darner	L/UNC				
<i>Nasiaeschna pentacantha</i> – Cyrano Darner	L/UNC				
Gomphidae – Clubtails					
<i>Arigomphus cornutus</i> – Horned Clubtail	L/UNC				
<i>Arigomphus furcifer</i> – Lilypad Clubtail	L/UNC				
<i>Arigomphus villosipes</i> – Unicorn Clubtail	L/R				
<i>Dromogomphus spinosus</i> – Black-shouldered Spinyleg	W/C				
<i>Gomphus adelphus</i> – Mustached Clubtail	L/R				
<i>Gomphus exilis</i> – Lancet Clubtail	W/C				
<i>Gomphus lividus</i> – Ashy Clubtail	R				
<i>Gomphus spicatus</i> – Dusky Clubtail	W/C				
<i>Hagenius brevistylus</i> – Dragonhunter	L/C				
<i>Ophiogomphus rupinsulensis</i> – Rusty Snaketail	L/R				
<i>Stylogomphus albistylus</i> – Eastern Least Clubtail	L/UNC				
<i>Stylurus notalus</i> – Elusive Clubtail	V				
Cordulegastridae – Spiketails					
<i>Cordulegaster diastatops</i> – Delta-spotted Spiketail	L/R				
<i>Cordulegaster maculata</i> – Twin-spotted Spiketail	L/R				
<i>Cordulegaster obliqua</i> – Arrowhead Spiketail	L/R				
Macromiidae – Cruisers					
<i>Didymops transversa</i> – Stream Cruiser	W/C				
<i>Macromia illinoiensis</i> – Swift River Cruiser	L/UNC				