

**Kingston Field Naturalists**  
**CHECKLIST OF THE BUTTERFLIES OF THE KINGSTON REGION**  
Class Insecta, Order Lepidoptera

Information for this checklist is taken from the Ontario Butterfly Atlas and records from members of the Kingston Field Naturalists and other butterfly enthusiasts. The Butterfly Atlas is readily found on the Web by googling Ontario Insects and selecting the Butterfly Atlas from the menu on the left hand side.

The area covered for 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.

The Kingston Field Naturalist's welcome any, and all, records of butterflies. 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 KFN submits data to the Butterfly Atlas annually or this can now be done directly through e-butterfly. Further information on how to report sightings can be obtained from John Poland [polandjs@gmail.com](mailto:polandjs@gmail.com) who welcomes all data and who would especially like to hear of any rare sightings as soon as possible.

In the table below, the order of reporting the butterflies is the same as that used in Ontario Lepidoptera – an annual summary of butterflies – which is free to members of the Toronto Entomologists Association. Only confirmed sightings are included. Following the list are some other sightings which could not be confirmed because there was only one observer and/or no photographic evidence - these species are generally hard to identify and even experts sometimes make mistakes. The Table below attempts to characterise the abundance of the butterflies using the terms very common, moderately common, rare and very rare. The years in brackets are given for the last 3 years that the butterfly was sighted when not seen in one of the last 3 years. The population of a species can vary from one season to another and occasionally southern migrants can have years when their numbers skyrocket. Also some butterflies have very short seasons as adults and some have very specific niche habitats. As of 2016 the total confirmed sightings is 96.

**CHECKLIST OF THE BUTTERFLIES OF THE KINGSTON REGION**

| <b>Common Name</b>           | <i>Latin Name</i>               | <b>Abundance and Comment</b>       |
|------------------------------|---------------------------------|------------------------------------|
| <b>SKIPPERS</b>              | <b>HESPERIIDAE</b>              |                                    |
| <b>Pyrgine Skippers</b>      |                                 |                                    |
| Silver Spotted Skipper       | <i>Epargyreus clarus</i>        | moderately common                  |
| Northern Cloudywing          | <i>Thorybes pylades</i>         | very common                        |
| Dreamy Duskywing             | <i>Erynnis icelus</i>           | rare                               |
| Juvenal's Duskywing          | <i>Erynnis juvenalis</i>        | very common                        |
| Columbine Duskywing          | <i>Erynnis lucilius</i>         | very common                        |
| Mottled Duskywing            | <i>Erynnis martialis</i>        | very rare (1976)                   |
| Wild Indigo Duskywing        | <i>Erynnis baptisiae</i>        | rare new resident since 2012       |
| <b>Intermediate Skippers</b> |                                 |                                    |
| Arctic Skipper               | <i>Carterocephalus palaemon</i> | moderately common                  |
| <b>Branded Skippers</b>      |                                 |                                    |
| Least Skipper                | <i>Ancyloxypha numitor</i>      | very common                        |
| European Skipper             | <i>Thymelicus lineola</i>       | very common - introduced in ~ 1920 |
| Fiery Skipper                | <i>Hylephila phyleus</i>        | very rare (2012) southern migrant  |
| Leonard's Skipper            | <i>Hesperia leonardus</i>       | rare                               |
| Indian Skipper               | <i>Hesperia sassacus</i>        | moderately common                  |
| Peck's Skipper               | <i>Polites peckius</i>          | moderately common                  |
| Tawny-edged Skipper          | <i>Polites themistocles</i>     | very common                        |
| Crossline Skipper            | <i>Polites origenes</i>         | rare                               |
| Long Dash                    | <i>Polites mystic</i>           | very common                        |
| Northern Broken Dash         | <i>Wallengrenia egeremet</i>    | very common                        |
| Little Glassywing            | <i>Pompeius verna</i>           | rare                               |
| Sachem                       | <i>Anatrytone campestris</i>    | very rare (2012) southern migrant  |
| Delaware Skipper             | <i>Anatrytone logan</i>         | moderately common                  |
| Mulberry Wing                | <i>Poanes massasoit</i>         | very rare (2014, 2015, 2016) only  |
| Hobomok Skipper              | <i>Poanes hobomok</i>           | very common                        |
| Broad-winged Skipper         | <i>Poanes viator</i>            | moderately common                  |
| Dion Skipper                 | <i>Euphyes dion</i>             | rare                               |
| Two-spotted Skipper          | <i>Euphyes bimacula</i>         | very rare (2013 2014 2016)         |
| Dun Skipper                  | <i>Euphyes vestries</i>         | very common                        |
| Common Roadside Skipper      | <i>Amblyscirtes vialis</i>      | common                             |
| <b>SWALLOWTAILS</b>          | <b>PAPILIONIDAE</b>             |                                    |
| Pipevine Swallowtail         | <i>Battus philenor</i>          | very rare (2012) southern migrant  |
| Black Swallowtail            | <i>Papilio polyxenes</i>        | very common                        |
| Giant Swallowtail            | <i>Papilio cresphontes</i>      | first seen 2006 now common         |
| Eastern Tiger Swallowtail    | <i>Papilio glaucus</i>          | very common                        |

|                              |                              |  |
|------------------------------|------------------------------|--|
| Canadian Tiger Swallowtail   | <i>Papilio canadensis</i>    | very common  |
| <b>WHITES &amp; SULPHURS</b> | <b><i>PIERIDAE</i></b>       |  |
| <b>Whites</b>                |                              |  |
| Mustard White                | <i>Pieris napi</i>           | moderately common                                    |
| West Virginia White          | <i>Pieris virginiensis</i>   | rare – species at risk (special concern)             |
| Cabbage White                | <i>Pieris rapae</i>          | very common- introduced in ~ 1850                    |
| Olympia Marble               | <i>Euchloe olympia</i>       | moderately common                                    |
| <b>Sulphurs</b>              |                              |  |
| Clouded Sulphur              | <i>Colias philodice</i>      | very common  |
| Orange Sulphur               | <i>Colias eurytheme</i>      | very common  |
| Little Yellow                | <i>Pyrisitia lisa</i>        | very rare (1990 2010 2012) southern migrant          |
| <b>GOSSAMER-WINGS</b>        | <b><i>LYCAENIDAE</i></b>     |  |
| <b>Harvesters</b>            |                              |  |
| Harvester                    | <i>Feniseca tarquinius</i>   | very rare  |
| <b>Coppers</b>               |                              |  |
| American Copper              | <i>Lycaena phlaeas</i>       | rare   |
| Bronze Copper                | <i>Lycaena hyllus</i>        | very common  |
| Bog Copper                   | <i>Lycaena epixanthe</i>     | very rare  |
| <b>Hairstreaks</b>           |                              |  |
| Acadian Hairstreak           | <i>Satyrium acadica</i>      | very rare  |
| Coral Hairstreak             | <i>Satyrium titus</i>        | moderately common                                    |
| Edward's Hairstreak          | <i>Satyrium edwardsii</i>    | very rare (1993 2003 2016)                           |
| Banded Hairstreak            | <i>Satyrium calanus</i>      | rare   |
| Hickory Hairstreak           | <i>Satyrium caryaevorum</i>  | rare   |
| Striped Hairstreak           | <i>Satyrium liparops</i>     | very rare  |
| Juniper Hairstreak           | <i>Callophrys gryneus</i>    | rare   |
| Brown Elfin                  | <i>Callophrys augustinus</i> | very rare (1972 2010 2011)                           |
| Hoary Elfin                  | <i>Callophrys polios</i>     | rare   |
| Henry's Elfin                | <i>Callophrys henrici</i>    | moderately common                                    |
| Eastern Pine Elfin           | <i>Callophrys niphon</i>     | very common  |
| White M Hairstreak           | <i>Parrhasius m-album</i>    | very rare (2012) southern migrant                    |
| Gray Hairstreak              | <i>Strymon melinus</i>       | rare   |
| Early Hairstreak             | <i>Erora laeta</i>           | very rare (1979 Blue Bill <u>26</u> (4)49,1979) 2016 |
| <b>Blues</b>                 |                              |  |
| Eastern Tailed Blue          | <i>Cupido comyntas</i>       | very common  |
| Spring Azure                 | <i>Celastrina ladon</i>      | very common  |
| Summer Azure                 | <i>Celastrina neglecta</i>   | very common  |
| Silvery Blue                 | <i>Glaucopsyche lygdamus</i> | very common  |
| <b>BRUSHFOOTS</b>            | <b><i>NYMPHALIDAE</i></b>    |  |

|                                     |                                    |   |
|-------------------------------------|------------------------------------|---|
| <b>Snouts</b>                       |                                    |   |
| American Snout                      | <i>Libytheana carinenta</i>        | very rare (2013) southern migrant                         |
| <b>Fritillaries</b>                 |                                    |   |
| Variiegated Fritillary              | <i>Euptoieta claudia</i>           | very rare (2016)  |
| Great Spangled Fritillary           | <i>Speyeria cybele</i>             | very common   |
| Aphrodite Fritillary                | <i>Speyeria Aphrodite</i>          | rare  |
| Silver-bordered Fritillary          | <i>Boloria selene</i>              | very rare (2010 2013 2016)                                |
| Meadow Fritillary                   | <i>Boloria bellona</i>             | rare  |
| <b>Checkerspots &amp; Crescents</b> |                                    |   |
| Harris Checkerspot                  | <i>Chlosyne harrissi</i>           | rare  |
| Pearl Crescent                      | <i>Phyciodes tharos</i>            | moderately common   |
| Northern Crescent                   | <i>Phyciodes cocyta</i>            | very common   |
| Tawny Crescent                      | <i>Phyciodes batesii</i>           | very rare (1993 2010 2011)                                |
| Baltimore Checkerspot               | <i>Euphydryas phaeton</i>          | rare  |
| <b>Anglewings</b>                   |                                    |   |
| Question Mark                       | <i>Polygonia interrogationis</i>   | moderately common southern migrant                        |
| Eastern Comma                       | <i>Polygonia comma</i>             | very common   |
| Green Comma                         | <i>Polygonia faunus</i>            | very rare (2006,2011)                                     |
| Gray Comma                          | <i>Polygonia progne</i>            | moderately common   |
| Compton Tortoiseshell               | <i>Nymphalis vaualbum</i>          | rare (2013 2015 2016)                                     |
| Mourning Cloak                      | <i>Nymphalis antiopa</i>           | very common   |
| Milbert's Tortoiseshell             | <i>Nymphalis milberti</i>          | rare  |
| American Lady                       | <i>Vanessa virginiensis</i>        | moderately common southern migrant                        |
| Painted Lady                        | <i>Vanessa cardui</i>              | rare southern migrant occasionally common                 |
| Red Admiral                         | <i>Vanessa atalanta</i>            | moderately common southern migrant                        |
| Common Buckeye                      | <i>Junonia coenia</i>              | rare southern migrant (2012 2013 2016)                    |
| <b>Admirals</b>                     |                                    |   |
| White Admiral                       | <i>Limentis arthemis arthemis</i>  | very common   |
| Red Spotted Purple                  | <i>Limenitis arthemis astyanax</i> | very rare (1884 2014) hybrid with white admiral           |
| Viceroy                             | <i>Limentis archippus</i>          | very common   |
| <b>Emperors</b>                     |                                    |   |
| Hackberry Emperor                   | <i>Asterocampa celtis</i>          | very rare only found near hackberry trees on Salmon river |
| <b>Satyr &amp; Wood-Nymphs</b>      |                                    |   |
| Northern Pearly Eye                 | <i>Enodia anthedon</i>             | very common   |
| Eyed Brown                          | <i>Satyrodes Eurydice</i>          | very common   |
| Appalachian Brown                   | <i>Satyrodes Appalachia</i>        | rare  |
| Little Wood Satyr                   | <i>Megisto cymela</i>              | very common   |

|                   |                           |   |
|-------------------|---------------------------|---|
| Common Ringlet    | <i>Coenonympha tullia</i> | very common                                   |
| Common Wood Nymph | <i>Cercyonis pegala</i>   | very common                                   |
| Chryxus Arctic    | <i>Oeneis chryxus</i>     | rare  |
| <b>Monarchs</b>   |                           |   |
| Monarch           | <i>Danaus plexippus</i>   | very common species at risk (special concern) |

#### OTHER BUTTERFLY RECORDS OF THE KINGSTON REGION

| <b>Common Name</b>  | <b><i>Latin Name</i></b>   | <b>Comment</b>   |
|---------------------|----------------------------|--|
| Southern Cloudywing | <i>Thorybes bathyllus</i>  | single old report from 1987  |
| Pink-Edged Sulphur  | <i>Colias interior</i>     | (1964 2003) northern stray   |
| Cherry Gall Azure   | <i>Celastrina neglecta</i> | (2009 2010) no cherry galls noted in vicinity                            |
| Atlantis Fritillary | <i>Speyeria atlantis</i>   | three pre-2000 records. Species easily mistaken for Aphrodite Fritillary |
| Silvery Checkerspot | <i>Chlosyne nycteis</i>    | (1993 1996) no photographic records                                      |
| Satyr Comma         | <i>Polygonia satyrus</i>   | one 2009 record- no definitive photo.                                    |