

BUTTERFLIES OF MIDDLESEX COUNTY



Observer(s) _____

Date(s) _____

Location _____



Nature London

"To Preserve and Enjoy Nature"

**UPPER THAMES RIVER
CONSERVATION AUTHORITY**

It is hoped that this checklist will increase knowledge of the butterflies of Middlesex County. Please submit interesting sightings to the Middlesex-Elgin listserv: groups.yahoo.com/neo/groups/midd-elgi_observations/info

Nomenclature is from the North American Butterfly Association (NABA) Checklist, 2014.

Columns

SO Status in Ontario

(Based on Natural Heritage Information Centre, MNRF)

- S1 critically imperiled
 - S2 imperiled
 - S3 vulnerable
 - S4 apparently secure
 - S5 secure
 - SNR unranked, not yet assessed
 - SU unrankable
 - SNA Status Not Applicable – species introduced or does not breed here regularly
 - S#S# uncertainty
- S1, S2 and S3 are provincially significant

SM Status in Middlesex

(Based on field research 1995-1999, the annual Skunk's Misery Butterfly Count, and sighting records from 1995-2015. Abundance based on number of individuals seen and/or number of sites where found.)

- A Abundant
- C Common
- U Uncommon
- R Rare
- VR Very Rare (only 1-3 individuals seen in last 15 years)

Seen Season Adults Seen

(Flight season depends on emergence dates, number of broods, weather, etc.)

- s spring (prior to June 21)
- S Summer (June 21 to Aug 21)
- F Fall (after Aug 21)

H Habitats

- 1 fields, roadsides, meadows
- 2 woods, savannas
- 3 bogs
- 4 swamps
- 5 wet meadows, marshes
- 6 gardens

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2000, Revised 2015

Species	SO	SM	Seen	H	Larval Food	Notes (number, what doing, where perched, etc.)
SWALLOWTAILS (Papilionidae)						
Pipevine Swallowtail (Battus philenor)	SNA	VR	S	1	Pipevine family	
Black Swallowtail (Papilio polyxenes)	S5	C	s S F	1, 6	Carrot family	
Giant Swallowtail (P. cresphontes)	S4	R	s S F	1, 2	Hop-Tree, Prickly Ash	
Eastern Tiger Swallowtail (P. glaucus)	S5	C	s S	1, 6	Tulip, Hop-Tree, cherries, ashes	
Spicebush Swallowtail (P. troilus)	S4	R	s S F	1, 2, 4	Spicebush, Sassafras	
WHITES AND SULPHURS (Pieridae)						
Checkered White (Pontia protodice)	SNA	VR	s S	1	Mustard family	
Mustard White (Pieris napi)	S4	R	s S	2	Mustard family	
West Virginia White (P. virginianensis)	S3	VR	S	2	Two-leaved Toothwort	
Cabbage White (P. rapae)	SNA	A	s S F	1, 6	Domestic mustards	
Dainty Sulphur (Nathalis iole)	SNA	VR	S	1, 2	Daisy family	
Clouded Sulphur (Colias philodice)	S5	A	s S F	1	Legumes (clovers, alfalfa)	
Orange Sulphur (C. eurytheme)	S5	A	s S F	1	Legumes (alfalfa)	
Little Yellow (Eurema lisa)	SNA	R	S F	1	Legumes (Partridge Pea)	
GOSSAMER-WING Butterflies (Lycaenidae)						
Harvesters, Coppers, Hairstreaks & Blues						
Harvester (Feniseca tarquinius)	S4	R	S	4	Woolly aphids on trees or bushes	
American Copper (Lycaena phlaeas)	S5	U	s S	1	Sheep Sorrel	
Bronze Copper (L. hyllus)	S5	R	S	3, 5	Docks (Sheep Sorrel)	
Bog Copper (L. epixanthe)	S4,5	R	S	3	Cranberries	
Coral Hairstreak (Satyrium titus)	S5	C	S	1	Developing fruit of cherries, plums	
Acadian Hairstreak (S. acadica)	S4	U	S	5	Willows	
Edwards' Hairstreak (S. edwardsii)	S4	VR	S	2	Oaks	
Banded Hairstreak (S. calanus)	S4	C	S	2	Oaks, hickories, walnuts	
Hickory Hairstreak (S. caryaevorum)	S4	C	S	2	Hickories, oaks, ashes	
Striped Hairstreak (S. liparops)	S5	R	S	1, 4	Rose family, hawthorns	
Brown Elfin (Callophrys augustinus)	S5	R	s	3	Heath family	
Eastern Pine Elfin (C. niphon)	S5	VR	S	1, 2	White Pine, Jack Pine	
Gray Hairstreak (Strymon melinus)	S4	R	S	1	Mallows, legumes	
Eastern Tailed Blue (Everes comyntas)	S5	C	S F	1, 2, 6	Vetches, clovers	
Spring Azure (Celastrina ladon)	S5	C	S	1, 2	Cherries, viburnums, blueberries	
Summer Azure (C. neglecta)	SU	C	S F	1, 2	New Jersey Tea, dogwoods	
BRUSH-FOOTED Butterflies (Nymphalidae)						
Snouts, subfamily Libytheinae						
American Snout (Libytheana carinenta)	SNA	R	S	1, 4	Common Hackberry	
Fritillaries, subfamily Heliconiinae						
Variegated Fritillary (Euptoieta claudia)	SNA	R	S F	1	Violets, pansies	
Great Spangled Fritillary (Speyeria cybele)	S5	A	s S F	1	Violets	
Aphrodite (S. aphrodite)	S5	R	S	5	Violets	
Silver-bordered Fritillary (Boloria selene)	S5	R	S	3, 5	Violets	
Meadow Fritillary (B. bellona)	S5	C	s S F	1, 5	Violets	
True Brush-foots, subfamily Nymphalinae						
Silvery Checkerspot (Chlosyne nycteis)	S5	U	s S	1, 2	Sunflowers, asters	
Pearl Crescent (Phyciodes tharos)	S4	A	S F	1, 2, 6	Asters	
Northern Crescent (P. selenis)	S5	A	s S F	1, 2, 5	Asters	
Tawny Crescent (P. batesii)	S4	VR	S	1, 5	Asters	
Baltimore Checkerspot (Euphydryas phaeton)	S4	R	S	3, 5	White Turtlehead, ashes, plantains	
Question Mark (Polygonia interrogationis)	S5	C	s S F	1, 2	Stinging Nettle, elms, Common Hop	
Eastern Comma (P. comma)	S5	C	s S F	1, 2	Wood Nettle, elms, Common Hop	
Green Comma (P. faunus)	S4	VR	S	2	Willows, birches, alders	
Gray Comma (P. progne)	S5	R	s S	1, 2	Currants, gooseberries	
Compton Tortoiseshell (Nymphalis vaualbum)	S5	R	s S F	1, 2	Birches, willows, Trembling Aspen	
Mourning Cloak (N. antiopa)	S5	C	s S F	1, 2, 6	Willows, elms, cottonwoods	

Species	SO	SM	Seen	H	Larval Food	Notes (number, what doing, where perched, etc.)
True Brush-foots, subfamily Nymphalinae (continued)						
Milbert's Tortoiseshell (Nymphalis milberti)	S5	U	s S	5	Nettles	
American Lady (Vanessa virginiensis)	S5	U	S F	1, 2	Sunflowers	
Painted Lady (V. cardui)	S5	U	S F	1, 6	Thistles, knapweeds, burdocks	
Red Admiral (V. atalanta)	S5	C	s S F	1, 2, 5	Nettles	
Common Buckeye (Junonia coenia)	SNA	R	S F	1	Snapdragons, plantains	
Admirals & relatives, subfamily Limenitidinae						
Red-spotted (Purple) Admiral (Limenitis arthemis)	S5	C	s S	1, 2	Willows, aspens, poplars	
Viceroy (L. archippus)	S5	C	s S F	1, 2, 4	Willows, poplars	
Emperors, subfamily Apaturinae						
Hackberry Emperor (Asterocampa celtis)	S2	R	S	1, 2, 4	Common Hackberry (young leaves)	
Tawny Emperor (A. clyton)	S2,3	R	S	1, 2	Common Hackberry (mature leaves)	
Satyrs, subfamily Satyrinae						
Northern Pearly-Eye (Enodia anthedon)	S5	R	S	2, 5	Grasses	
Eyed Brown (Satyrodes eurydice)	S5	U	S	3, 5	Sedges	
Appalachian Brown (S. appalachia)	S4	U	S	2, 4	Sedges	
Little Wood-Satyr (Megisto cymela)	S5	A	s S	1, 2	Grasses	
Common Ringlet (Coenonympha tullia)	S5	A	s S F	1	Grasses, sedges	
Common Wood-Nymph (Cercyonis pegala)	S5	A	S	1, 2, 3	Grasses	
Monarchs, subfamily Danainae						
Monarch (Danaus plexippus)	S2N S4B	C	s S F	1, 2, 5	Milkweeds	
SKIPPERS (Hesperiidae)						
Spread-wing Skippers, subfamily Pyrginae						
Silver-spotted Skipper (Epargyreus clarus)	S4	C	s S F	1, 2	Legumes	
Southern Cloudywing (Thorybes bathyllus)	S3	VR	S F	1	Legumes	
Northern Cloudywing (T. pylades)	S5	R	S	1, 2	Legumes	
Dreamy Duskywing (Erynnis icelus)	S5	VR	S	1, 2	Willows, poplars, birches	
Juvenal's Duskywing (E. juvenalis)	S5	C	s S	1, 2	Oaks	
Mottled Duskywing (E. martialis)	S2	VR	s S	1, 2	New Jersey Tea	
Columbine Duskywing (E. lucilius)	S4	R	S	1, 2, 6	Wild Columbine	
Wild Indigo Duskywing (E. baptisiae)	S4	C	s	1	Crown-vetch	
Common Checkered Skipper (Pyrgus communis)	SNA	VR	S	2	Willows, birches, alders	
Common Sootywing (Pholisora catullus)	S4	U	s S F	1, 6	Amaranths (Lamb's Quarters)	
Grass skippers, subfamily Hesperlinae						
Least Skipper (Ancyloxypha numitor)	S5	C	s S F	5	Grasses	
European Skipper (Thymelicus lineola)	SNA	A	s S	1	Grasses	
Fiery Skipper (Hylephila phyleus)	SNA	R	S F	1	Grasses	
Leonard's Skipper (Hesperia leonardus)	S4	R	F	1	Grasses	
Peck's Skipper (Polites peckius)	S5	C	s S F	1	Grasses	
Tawny-edged Skipper (P. themistocles)	S5	U	s S	1	Panic grasses	
Crossline Skipper (P. origenes)	S4	R	S	1	Grasses (Purpletop)	
Long Dash (P. mystic)	S5	U	S	5	Grasses	
Northern Broken Dash (Wallengrenia egeremet)	S4,5	C	S	1	Panic grasses	
Little Glassywing (Pompeius verna)	S4	U	S	1, 2, 5	Purpletop	
Sachem (Atalopedes campestris)	SNA	VR	S	5	Grasses	
Delaware Skipper (Anatrytone logan)	S4	U	S	1, 5	Grasses	
Mulberrywing (Poanes massasoit)	S4	R	S	4, 5	Tussock Sedge	
Hobomok Skipper (P. hobomok)	S5	C	s S	2, 3	Grasses	
Broad-winged Skipper (P. viator)	S4	R	S	5	Grasses, sedges	
Dion Skipper (Euphyes dion)	S4	R	S	3, 4, 5	Sedges	
Black Dash (E. conspicua)	S3	VR	S	5	Sedges	
Two-spotted Skipper (E. bimacula)	S4	R	S	5	Sedges	
Dun Skipper (E. vestris)	S5	C	S	1, 4	Sedges	