

Checklist of the Butterflies of NC

Observer(s): _____

Date: _____

Time: _____

Location: _____

County: _____

Weather: _____

Species Total: _____

Abundance of each species indicated for three regions: mountains, Piedmont, and coastal plain. These are broad geographic regions; populations can be local within a given region. Note also that seasonal data are not included. Thus, the abundance codes are the greatest expected abundance in the appropriate habitat at the peak flight for the species.

A = Abundant

C = Common

U = Uncommon

R = Rare

X = Accidental/Casual

Blank = Not recorded in that region

* = Essentially restricted to coastal habitats

PAPILIONIDAE - 8 spp. in NC

Swallowtails (Papilioninae)

	M	P	C
___ Pipevine Swallowtail - <i>Battus philenor</i>	C	U	R/U
___ Zebra Swallowtail - <i>Eurytides marcellus</i>	R/U	U	U
___ Black Swallowtail - <i>Papilio polyxenes</i>	U	U	U/C
___ Giant Swallowtail - <i>P. cresphontes</i>	X/R	X/R	R/U*
___ Eastern Tiger Swallowtail - <i>P. glaucus</i>	C/A	C/A	C
___ Appalachian Tiger Swallowtail - <i>P. appalachiensis</i>	C/A		
___ Spicebush Swallowtail - <i>P. troilus</i>	C	C	C
___ Palamedes Swallowtail - <i>P. palamedes</i>		X	C/A

PIERIDAE - 16 spp. in NC

Whites (Pierinae)

___ Checkered White - <i>Pontia protodice</i>	X/R	R	X/R
___ West Virginia White - <i>Pieris virginiensis</i>	U/C	X	
___ Cabbage White - <i>P. rapae</i>	C	C	U/C

PIERIDAE - 16 spp. in NC

Whites (Pierinae)

___ Great Southern White - <i>Ascia monuste</i>						X*
___ Olympia Marble - <i>Euchloe olympia</i>	X					
___ Falcate Orangetip - <i>Anthocharis midea</i>	U	C	U/C			
Sulphurs (Coliadinae)						
___ Clouded Sulphur - <i>Colias philodice</i>	C	U	R			
___ Orange Sulphur - <i>C. eurytheme</i>	C	C	U			
___ Southern Dogface - <i>Zerene cesonia</i>	X	X	X			
___ Cloudless Sulphur - <i>Phoebis sennae</i>	U	U/C	C/A			
___ Large Orange Sulphur - <i>P. agarithe</i>						X
___ Orange-barred Sulphur - <i>P. philea</i>	X					
___ Barred Yellow - <i>Eurema daira</i>	X	X	X			
___ Little Yellow - <i>Pyrisitia lisa</i>	R	R/U	U/C			
___ Sleepy Orange - <i>Abaeis nicippe</i>	R/U	C	C/A			
___ Dainty Sulphur - <i>Nathalis iole</i>	X	X	X			

LYCAENIDAE - 28 spp. in NC

Harvesters (Miletinae)

___ Harvester - <i>Feniseca tarquinius</i>	R	R	X/R
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Coppers (Lycaeninae)

___ American Copper - <i>Lycaena phlaeas</i>	U/C	X/R	X/R
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Hairstreaks (Theclinae)

___ Great Purple Hairstreak - <i>Atlides halesus</i>	X	R	U
___ Coral Hairstreak - <i>Satyrium titus</i>	R	U	R
___ Edwards' Hairstreak - <i>S. edwardsii</i>	X/R	X	X/R
___ Banded Hairstreak - <i>S. calanus</i>	U	R/U	U
___ Hickory Hairstreak - <i>S. caryaevorus</i>	X/R		
___ King's Hairstreak - <i>S. kingi</i>	X	X	R/U
___ Striped Hairstreak - <i>S. liparops</i>	R	R	R
___ Oak Hairstreak - <i>S. favonius</i>	X	X/R	R
___ Brown Elfin - <i>Callophrys augustinus</i>	U	R/U	R
___ Frosted Elfin - <i>C. irus</i>	X	X	R
___ Henry's Elfin - <i>C. henrici</i>	X	R/U	U
___ Eastern Pine Elfin - <i>C. niphon</i>	X	R/U	R/U
___ Juniper Hairstreak - <i>C. gryneus</i>	X	U	X/R
___ Hessel's Hairstreak - <i>C. hesseli</i>			R/U
___ White M Hairstreak - <i>Parrhasius m-album</i>	R/U	R/U	R/U
___ Gray Hairstreak - <i>Strymon melinus</i>	U/C	C	C
___ Red-banded Hairstreak - <i>Calycopis cecrops</i>	U	U/C	C
___ Early Hairstreak - <i>Erora laeta</i>	R		

M P C

LYCAENIDAE - 28 spp. in NC

Blues (Polyommatainae)

___ Ceraunus Blue - <i>Hemiargus ceraunus</i>				X	X
___ Eastern Tailed-Blue - <i>Cupido comyntas</i>	C	C/A	C		
___ Spring Azure - <i>Celastrina ladon</i>	C/A	C	R/U		
___ American Holly Azure - <i>C. idella</i>				X	C/A
___ Summer Azure - <i>C. neglecta</i>	C/A	C	C		
___ Appalachian Azure - <i>C. neglectamajor</i>	U	X/R			
___ Dusky Azure - <i>C. nigra</i>	R				
___ Silvery Blue - <i>Glaucopsyche lygdamus</i>	R				

RIODINIDAE - 1 sp. in NC

Metalmarks (Riodinini)

___ Little Metalmark - <i>Calephelis virginensis</i>					R/U
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NYMPHALIDAE - 49 spp. in NC

Snouts (Libytheinae)

___ American Snout - <i>Libytheana carinenta</i>	R	U/C	U
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Heliconians and Fritillaries (Heliconiinae)

___ Gulf Fritillary - <i>Agraulis vanillae</i>	R	R	U/C
___ Zebra Heliconian - <i>Heliconius charithonia</i>		X	X
___ Variegated Fritillary - <i>Euptoieta claudia</i>	U	C	C
___ Diana Fritillary - <i>Speyeria diana</i>	U	R	
___ Great Spangled Fritillary - <i>S. cybele</i>	C/A	U/C	X
___ Aphrodite Fritillary - <i>S. aphrodite</i>	C		
___ Regal Fritillary - <i>S. idalia</i>	X		
___ Meadow Fritillary - <i>Boloria bellona</i>	U/C	X/R	

True Brush-foots (Nymphalinae)

___ Gorgone Checkerspot - <i>Chlosyne gorgone</i>	X/R		
___ Silvery Checkerspot - <i>C. nycteis</i>	C	U/C	X
___ Texan Crescent - <i>Anthanassa texana</i>			X
___ Phaon Crescent - <i>Phyciodes phaon</i>			U/C*
___ Pearl Crescent - <i>P. tharos</i>	C/A	C/A	C/A
___ Mimic Crescent - <i>P. incognitus</i>	R/U		
___ Tawny Crescent - <i>P. batesii</i>	R		
___ Baltimore Checkerspot - <i>Euphydryas phaeton</i>	R		
___ Question Mark - <i>Polygonia interrogationis</i>	U/C	C	U/C
___ Eastern Comma - <i>P. comma</i>	U/C	U/C	R/U
___ Green Comma - <i>P. faunus</i>	R		
___ Gray Comma - <i>P. progne</i>	X/R		
___ Compton Tortoiseshell - <i>Nymphalis vaualbum</i>			X
___ Mourning Cloak - <i>N. antiopa</i>	U/C	U	R/U

NYMPHALIDAE - 49 spp. in NC

	M	P	C
True Brush-foots (Nymphalinae)			
___ Milbert's Tortoiseshell - <i>Aglais milberti</i>		X	
___ American Lady - <i>Vanessa virginiensis</i>	C	C	C
___ Painted Lady - <i>V. cardui</i>	R/U	R/U	R/U
___ Red Admiral - <i>V. atalanta</i>	U/C	U	U/C
___ Mimic - <i>Hypolimnas misippus</i>		X	X
___ Common Buckeye - <i>Junonia coenia</i>	U/C	C	C/A
___ White Peacock - <i>Anartia jatrophae</i>			X*
Admirals and Relatives (Limenitidinae)			
___ Red-spotted Purple - <i>Limenitis arthemis astyanax</i>	C	C	C
___ Viceroy - <i>L. archippus</i>	U	U	U/C
Leafwings (Charaxinae)			
___ Goatweed Leafwing - <i>Anaea andria</i>	X		
Emperors (Apaturinae)			
___ Hackberry Emperor - <i>Asterocampa celtis</i>	R	U/C	R/U
___ Tawny Emperor - <i>A. clyton</i>	X/R	U	R
Satyrs (Satyrinae)			
___ Southern Pearly-eye - <i>Enodia portlandia</i>	X	R/U	U/C
___ Northern Pearly-eye - <i>E. anthedon</i>	U	U	X
___ Creole Pearly-eye - <i>E. creola</i>	X	R	U
___ Appalachian Brown - <i>Satyroides appalachia</i>	U	U	R
___ Gemmed Satyr - <i>Cyllopsis gemma</i>	R	U/C	R/U
___ Carolina Satyr - <i>Hermeuptychia sosybius</i>	U	C/A	C/A
___ Georgia Satyr - <i>Neonympha areolatus</i>			R/U
___ Helicta Satyr - <i>N. helicta</i>		X/R	R
___ Mitchell's Satyr - <i>N. mitchellii</i>			X/R
___ Little Wood-Satyr - <i>Megisto cymela</i>	U/C	U/C	U
___ Common Wood-Nymph - <i>Cercyonis pegala</i>	U/C	U	U
Milkweed Butterflies (Danainae)			
___ Monarch - <i>Danaus plexippus</i>	U/A	U/C	U/C
___ Queen - <i>D. gilippus</i>		X	R*
___ Soldier - <i>D. eresimus</i>			X*

HESPERIIDAE - 71 spp. in NC

	M	P	C
Spread-wing Skippers (Pyrginae)			
___ Silver-spotted Skipper - <i>Epargyreus clarus</i>	A	C/A	C
___ Long-tailed Skipper - <i>Urbanus proteus</i>	R	U	U/C
___ Dorantes Longtail - <i>U. dorantes</i>	X	X	X
___ Golden Banded-Skipper - <i>Autochton cellus</i>	R	X	X
___ Hoary Edge - <i>Achalarus lyciades</i>	R	U/C	U/C
___ Southern Cloudywing - <i>Thorybes bathyllus</i>	R	U/C	U/C

HESPERIIDAE - 71 spp. in NC

	M	P	C
Spread-wing Skippers (Pyrginae)			
___ Northern Cloudywing - <i>Thorybes pylades</i>	U	U/C	R/U
___ Confused Cloudywing - <i>T. confusus</i>	X	R	R/U
___ Hayhurst's Scallopwing - <i>Staphylus hayhurstii</i>	X	R/U	R
___ Dreamy Duskywing - <i>Erynnis icelus</i>	C/A	R/U	
___ Sleepy Duskywing - <i>E. brizo</i>	U/C	U	U
___ Juvenal's Duskywing - <i>E. juvenalis</i>	A	A	C/A
___ Horace's Duskywing - <i>E. horatius</i>	U/C	C	C
___ Mottled Duskywing - <i>E. martialis</i>	R	R	X/R
___ Zarucco Duskywing - <i>E. zarucco</i>	R	R/U	U/C
___ Funereal Duskywing - <i>E. funeralis</i>			X
___ Wild Indigo Duskywing - <i>E. baptisiae</i>	U	R/U	R/U
___ Appalachian Checkered-Skipper - <i>Pyrgus wyandot</i>	X/R		
___ Common Checkered-Skipper - <i>P. communis</i>	R/U	U/C	U/C
___ Tropical Checkered-Skipper - <i>P. oileus</i>	X		
___ Common Sootywing - <i>Pholisora catullus</i>	U	U	U
Grass Skippers (Hesperiinae)			
___ Swarthy Skipper - <i>Nastra lherminier</i>	R	U/C	U/C
___ Clouded Skipper - <i>Lerema accius</i>	U/C	C	C/A
___ Least Skipper - <i>Ancyloxypha numitor</i>	C	C	C
___ Southern Skipperling - <i>Copaodes minima</i>		R	U
___ European Skipper - <i>Thymelicus lineola</i>	R		
___ Fiery Skipper - <i>Hylephila phyleus</i>	R/U	C	C/A
___ Leonard's Skipper - <i>Hesperia leonardus</i>	R	R/U	
___ Cobweb Skipper - <i>H. metea</i>	X/R	R/U	R
___ Dotted Skipper - <i>H. attalus</i>			R/U
___ Meske's Skipper - <i>H. meskei</i>			R/U
___ Indian Skipper - <i>H. sassacus</i>	R/U		
___ Peck's Skipper - <i>Polites peckius</i>	U/C	R	
___ Tawny-edged Skipper - <i>P. themistocles</i>	U	U	U
___ Crossline Skipper - <i>P. origenes</i>	U/C	C	U/C
___ Long Dash - <i>P. mystic</i>	X/R		
___ Whirlabout - <i>P. vibex</i>	X	R	U/C
___ Southern Broken-Dash - <i>Wallengrenia otho</i>	R	U	U/C
___ Northern Broken-Dash - <i>W. egeremet</i>	R/U	R/U	R
___ Little Glassywing - <i>Pompeius verna</i>	U/C	C	R/U
___ Sachem - <i>Atalopedes campestris</i>	C	C/A	U/C
___ Arogos Skipper - <i>Atrytone arogos</i>			X/R

HESPERIIDAE - 71 spp. in NC

	M	P	C
Grass Skippers (Hesperiinae)			
___ Delaware Skipper - <i>Anatrytone logan</i>	R	R/U	U/C
___ Byssus Skipper - <i>Problema byssus</i>		X	R/U
___ Rare Skipper - <i>P. bulenta</i>			R*
___ Hobomok Skipper - <i>Poanes hobomok</i>	U/C	X/R	
___ Zabulon Skipper - <i>P. zabulon</i>	U/C	C	U
___ Aaron's Skipper - <i>P. aaroni</i>			R*
___ Yehl Skipper - <i>P. yehl</i>		R	U
___ Broad-winged Skipper - <i>P. viator</i>		X/R	C*
___ Palatka Skipper - <i>Euphyes pilatka</i>			U/C*
___ Dion Skipper - <i>E. dion</i>		R/U	U
___ Dukes' Skipper - <i>E. dukesi</i>			R*
___ Berry's Skipper - <i>E. berryi</i>			R
___ Two-spotted Skipper - <i>E. bimacula</i>	X/R	X	R
___ Dun Skipper - <i>E. vestris</i>	U	U/C	U/C
___ Dusted Skipper - <i>Atrytonopsis hianna</i>	R	U	R
___ Loammi Skipper - <i>A. loammi</i>			R*
___ Pepper and Salt Skipper - <i>Amblyscirtes hegon</i>	U	R/U	
___ Lace-winged Roadside-Skipper - <i>A. aesculapius</i>	R	R	U
___ Carolina Roadside-Skipper - <i>A. carolina</i>		X/R	U
___ Reversed Roadside-Skipper - <i>A. reversa</i>	X	X	R/U
___ Common Roadside-Skipper - <i>A. vialis</i>	R	R	X/R
___ Dusky Roadside-Skipper - <i>A. alternata</i>			R
___ Eufala Skipper - <i>Lerodea eufala</i>	X	R/U	U/C
___ Twin-spot Skipper - <i>Oligoria maculata</i>			U
___ Brazilian Skipper - <i>Calpodetes ethlius</i>		X/R	R
___ Salt Marsh Skipper - <i>Panoquina panoquin</i>			C/A*
___ Ocola Skipper - <i>P. ocola</i>	R	U/C	C
Giant-Skippers (Megathyminae)			
___ Yucca Giant-Skipper - <i>Megathymus yuccae</i>		X	R/U
___ Cofaqui Giant-Skipper - <i>M. cofaqui</i>		X	

Developed by: Harry LeGrand, Tom Howard, and Joe Poston.