

# Checklist of the 177 Butterfly Species 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
___ Zebra Swallowtail - <i>Eurytides marcellus</i>	R/U	U	U
___ Pipevine Swallowtail - <i>Battus philenor</i>	C	U	R/U
___ Black Swallowtail - <i>Papilio polyxenes</i>	U	U	U/C
___ Eastern Giant Swallowtail - <i>Heraclides cresphontes</i>	R	X/R	R/U*
___ Spicebush Swallowtail - <i>Pterourus troilus</i>	C	C	C
___ Palamedes Swallowtail - <i>P. palamedes</i>	X	X/R	
___ Eastern Tiger Swallowtail - <i>P. glaucus</i>	C/A	C/A	C
___ Appalachian Tiger Swallowtail - <i>P. appalachiensis</i>	U/C	X	

## PIERIDAE - 16 spp. in NC

### Sulphurs (Coliadinae)

___ Dainty Sulphur - <i>Nathalis iole</i>	X/R	X/R	X
___ Barred Yellow - <i>Eurema daira</i>	X	X	

## PIERIDAE - 16 spp. in NC

### Sulphurs (Coliadinae)

	M	P	C
___ Little Yellow - <i>Pyrisitia lisa</i>	R	R/U	U/C
___ Sleepy Orange - <i>Abaeis nicippe</i>		C	C/A
___ Clouded Sulphur - <i>Colias philodice</i>	C		
___ Orange Sulphur - <i>C. eurytheme</i>	C	U/C	U
___ Southern Dogface - <i>Zerene cesonia</i>	X	X	X
___ Cloudless Sulphur - <i>Phoebis sennae</i>	U	U/C	C/A
___ Orange-barred Sulphur - <i>P. philea</i>	X		X
___ Large Orange Sulphur - <i>P. agarithe</i>		X	X

### Whites (Pierinae)

___ Falcate Orangetip - <i>Anthocharis midea</i>			C	U/C
___ Olympia Marble - <i>Euchloe olympia</i>	X/R			
___ Great Southern White - <i>Ascia monuste</i>		X	X*	
___ Checkered White - <i>Pontia protodice</i>	X/R	R	X/R	
___ Cabbage White - <i>Pieris rapae</i>	U/C	U/C	U/C	
___ West Virginia White - <i>P. virginensis</i>	U/C	X		

## LYCAENIDAE - 30 spp. in NC

### Harvesters (Miletinae)

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

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

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

## LYCAENIDAE - 30 spp. in NC

### Blues (Polyommatae)

	M	P	C
___ Eastern Pygmy-Blue - <i>Brephidium pseudofoea</i>			X*
___ Cassius Blue - <i>Leptotes cassius</i>			X*
___ Silvery Blue - <i>Glaucopsyche lygdamus</i>	R		
___ Spring Azure - <i>Celastrina ladon</i>	U/C	U	R
___ 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	
___ Dusky Azure - <i>C. nigra</i>	R		
___ Eastern Tailed-Blue - <i>Cupido comyntas</i>	C/A		
___ Ceraunus Blue - <i>Hemiargus ceraunus</i>		X	X

## RIODINIDAE - 1 sp. in NC

### Metalmarks (Riodininae)

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

### Snouts (Libytheinae)

___ American Snout - <i>Libytheana carinenta</i>	U	U/C	U
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### Milkweed Butterflies (Danainae)

___ Monarch - <i>Danaus plexippus</i>	U/A	U/C	U/C
___ Soldier - <i>D. eresimus</i>			X*
___ Queen - <i>D. gilippus</i>		X	R*

### Heliconians and Fritillaries (Heliconiinae)

___ Zebra Longwing - <i>Heliconius charithonia</i>	X	X/R	R*
___ Gulf Fritillary - <i>Dione incarnata</i>	R/U	R/U	
___ Variegated Fritillary - <i>Euptoieta claudia</i>	U/C		
___ Meadow Fritillary - <i>Boloria bellona</i>	U/C	X/R	
___ Regal Fritillary - <i>Argynnis idalia</i>	X		
___ Diana Fritillary - <i>A. diana</i>	U	R	X
___ Great Spangled Fritillary - <i>A. cybele</i>			X
___ Aphrodite Fritillary - <i>A. aphrodite</i>			

### Admirals and Relatives (Limenitidinae)

___ Viceroy - <i>Limenitis archippus</i>	U	U/C	U/C
___ Red-spotted Purple - <i>L. arthemis</i>	C		

### Emperors (Apaturinae)

___ Hackberry Emperor - <i>Asterocampa celtis</i>	R		
___ Tawny Emperor - <i>A. clyton</i>	R	U	

### True Brush-foots (Nymphalinae)

___ Milbert's Tortoiseshell - <i>Aglais milberti</i>		X	
___ Compton Tortoiseshell - <i>Nymphalis l-album</i>			X
___ Mourning Cloak - <i>N. antiopa</i>	U/C		

**NYMPHALIDAE - 49 spp. in NC**

**True Brush-foots (Nymphalinae)**

___ Question Mark - <i>Polygonia interrogationis</i>	U/C		
___ Eastern Comma - <i>P. comma</i>			R/U
___ Gray Comma - <i>P. progné</i>	X/R		
___ Green Comma - <i>P. faunus</i>			
___ American Lady - <i>Vanessa virginiensis</i>	C	C	C
___ Painted Lady - <i>V. cardui</i>	U	U	U
___ Red Admiral - <i>V. atalanta</i>	U/C	U	U/C
___ White Peacock - <i>Anartia jatrophae</i>			X/R*
___ Common Buckeye - <i>Junonia coenia</i>	U/C	C/A	C/A
___ Mimic - <i>Hypolimnas misippus</i>		X	X
___ Baltimore Checkerspot - <i>Euphydryas phaeton</i>	R	X	
___ Gorgone Checkerspot - <i>Chlosyne gorgone</i>	X		
___ Silvery Checkerspot - <i>C. nycteis</i>	C		
___ Texan Crescent - <i>Anthanassa texana</i>			X
___ Pearl Crescent - <i>Phyciodes tharos</i>	C/A	C/A	C/A
___ Incognito Crescent - <i>P. incognitus</i>	R/U		
___ Tawny Crescent - <i>P. batesii</i>	R		
___ Phaon Crescent - <i>P. phaon</i>			U/C*

**Leafwings (Charaxinae)**

___ Goatweed Leafwing - <i>Anaea andria</i>	X		
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**Satyrs (Satyrinae)**

___ Southern Pearly-eye - <i>Lethe portlandia</i>	R	R/U	U/C
___ Northern Pearly-eye - <i>L. anhedon</i>	U/C	U	X
___ Creole Pearly-eye - <i>L. creola</i>	R	R/U	U
___ Appalachian Brown - <i>L. appalachia</i>		U	R/U
___ Gemmed Satyr - <i>Cyllopsis gemma</i>			
___ Little Wood-Satyr - <i>Megisto cymela</i>			R/U
___ Carolina Satyr - <i>Hermeuptychia sosybius</i>	U/C	C/A	C
___ Intricate Satyr - <i>H. intricata</i>	X	X/R	R/U
___ Georgia Satyr - <i>Neonympha areolatus</i>		X/R	R/U
___ Mitchell's Satyr - <i>N. mitchellii</i>			X/R
___ Common Wood-Nymph - <i>Cercyonis pegala</i>			U

**HESPERIIDAE - 73 spp. in NC**

**Dicot Skippers (Eudaminae)**

___ Dorantes Longtail - <i>Thorybes dorantes</i>	X	X	X
___ Hoary Edge - <i>T. lyciades</i>	R	U/C	U
___ Southern Cloudywing - <i>T. bathyllus</i>	R	U/C	U/C
___ Northern Cloudywing - <i>T. pylades</i>	U	U/C	R/U
___ Confused Cloudywing - <i>T. confusus</i>	X	R	R/U

**HESPERIIDAE - 73 spp. in NC**

**Dicot Skippers (Eudaminae)**

___ Long-tailed Skipper - <i>Urbanus proteus</i>	R	U	U/C
___ Golden Banded-Skipper - <i>Telegonus cellus</i>	R	X/R	X
___ Silver-spotted Skipper - <i>Epargyreus clarus</i>	A	C/A	C

**Spread-wing Skippers (Pyrginae)**

___ Common Sootywing - <i>Pholisora catullus</i>	U	U	U
___ Hayhurst's Scallopwing - <i>Staphylus hayhurstii</i>	X/R	R	
___ Grizzled Skipper - <i>Pyrgus centaureae</i>	X/R		
___ Common Checkered-Skipper - <i>Burnsius communis</i>	R/U	U/C	U/C
___ White Checkered-Skipper - <i>B. albezans</i>		X	X/R
___ Tropical Checkered-Skipper - <i>B. oileus</i>	X	X	X/R
___ Dreamy Duskywing - <i>Erynnis icelus</i>	C/A	R/U	
___ Sleepy Duskywing - <i>E. brizo</i>		R/U	R/U
___ Mottled Duskywing - <i>E. martialis</i>	R	R	X/R
___ Juvenal's Duskywing - <i>E. juvenalis</i>	C/A	C/A	
___ Horace's Duskywing - <i>E. horatius</i>	U/C	C	C
___ Zarucco Duskywing - <i>E. zarucco</i>		R/U	U/C
___ Funereal Duskywing - <i>E. funeralis</i>		X	X*
___ Wild Indigo Duskywing - <i>E. baptisiae</i>	U	R/U	R/U

**Grass Skippers (Hesperiinae)**

___ Palatka Skipper - <i>Euphyes pilatka</i>			U/C*
___ Berry's Skipper - <i>E. berryi</i>			R
___ Dion Skipper - <i>E. dion</i>		R/U	U
___ Dukes' Skipper - <i>E. dukesi</i>			R*
___ Two-spotted Skipper - <i>E. bimacula</i>	X/R		
___ Dun Skipper - <i>E. vestris</i>	U	U/C	U/C
___ Delaware Skipper - <i>Anatrytone logan</i>	R	U/C	
___ Arogos Skipper - <i>Atrytone arogos</i>			X
___ Byssus Skipper - <i>Problema byssus</i>			U
___ Rare Skipper - <i>P. bulenta</i>			R*
___ Fiery Skipper - <i>Hylephila phyleus</i>	U		
___ Whirlabout - <i>Polites vibex</i>		R	
___ Crossline Skipper - <i>P. origenes</i>	U/C	U/C	R/U
___ Long Dash - <i>P. mystic</i>	X/R		
___ Tawny-edged Skipper - <i>P. themistocles</i>	U		
___ Peck's Skipper - <i>P. peckius</i>		R	
___ Southern Broken-dash - <i>P. otho</i>	R	U	U/C
___ Northern Broken-dash - <i>P. egeremet</i>	R/U	R/U	R
___ Little Glassywing - <i>Vernia verna</i>	U/C	C	R/U
___ Sachem - <i>Atalopedes huron</i>	C	C/A	U/C

**HESPERIIDAE - 73 spp. in NC**

**Grass Skippers (Hesperiinae)**

___ Leonard's Skipper - <i>Hesperia leonardus</i>			
___ Cobweb Skipper - <i>H. metea</i>	X/R	R	X/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		
___ Aaron's Skipper - <i>Poanes aaroni</i>			R*
___ Yehl Skipper - <i>P. yehl</i>			U
___ Broad-winged Skipper - <i>P. viator</i>		X/R	U/C
___ Hobomok Skipper - <i>Lon hobomok</i>		X/R	
___ Zabulon Skipper - <i>L. zabulon</i>			U
___ Twin-spot Skipper - <i>Oligoria maculata</i>			U
___ Dusted Skipper - <i>Atrytonopsis hianna</i>			R
___ Crystal Skipper - <i>A. quinteri</i>			R*
___ Loammi Skipper - <i>A. loammi</i>			X*
___ Carolina Roadside-Skipper - <i>Amblyscirtes carolina</i>		X/R	U
___ Reversed Roadside-Skipper - <i>A. reversa</i>	X	X	R/U
___ Pepper and Salt Skipper - <i>A. hegon</i>			
___ Lace-winged Roadside-Skipper - <i>A. aesculapius</i>			U
___ Dusky Roadside-Skipper - <i>A. alternata</i>		X	
___ Common Roadside-Skipper - <i>A. vialis</i>	R/U	R/U	X/R
___ Swarthy Skipper - <i>Nastra lherminier</i>		U/C	U/C
___ Eufala Skipper - <i>Lerodea eufala</i>	X/R	R/U	U
___ Clouded Skipper - <i>Lerema accius</i>	U/C	C	C/A
___ European Skipper - <i>Thymelicus lineola</i>			
___ Southern Skipperling - <i>Copaeodes minima</i>		R	U
___ Salt Marsh Skipper - <i>Panoquina panoquin</i>			C*
___ Ocola Skipper - <i>P. ocola</i>	R	U/C	C
___ Brazilian Skipper - <i>Calpodus ethlius</i>			R
___ Least Skipper - <i>Ancyloxypha numitor</i>	C	C	C
___ Yucca Giant-Skipper - <i>Megathymus yuccae</i>	X	X	R
___ Cofaqui Giant-Skipper - <i>M. cofaqui</i>		X	

Developed by: Harry LeGrand, Tom Howard, and Salman Abdulali.