

# Checklist of the 105 Butterfly Species of Chatham County, 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	C/A
___ Eastern Tiger Swallowtail - <i>P. glaucus</i>	C/A	C/A	C

## PIERIDAE - 16 spp. in NC

### Sulphurs (Coliadinae)

___ Dainty Sulphur - <i>Nathalis iole</i>	X	X/R	X
___ Little Yellow - <i>Pyrisitia lisa</i>	R	R/U	U/C
___ Sleepy Orange - <i>Abaeis nicippe</i>	U	C	C/A
___ Clouded Sulphur - <i>Colias philodice</i>	C	U	R

## PIERIDAE - 16 spp. in NC

### Sulphurs (Coliadinae)

___ Orange Sulphur - <i>Colias 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

### Whites (Pierinae)

___ Falcate Orangetip - <i>Anthocharis midea</i>	U	C	U/C
___ Checkered White - <i>Pontia protodice</i>	X/R	R	X/R
___ Cabbage White - <i>Pieris rapae</i>	U/C	U/C	U/C

## LYCAENIDAE - 30 spp. in NC

### Harvesters (Miletinae)

___ Harvester - <i>Feniseca tarquinius</i>	U	R/U	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	U	R
___ Henry's Elfin - <i>C. henrici</i>	X/R	R/U	U
___ Eastern Pine Elfin - <i>C. niphon</i>	R	R/U	R/U
___ Coral Hairstreak - <i>Satyrium titus</i>	R	U	R
___ Oak Hairstreak - <i>S. favonius</i>	X	X/R	R
___ Striped Hairstreak - <i>S. liparops</i>	R	R	R
___ Banded Hairstreak - <i>S. calanus</i>	U	U	R/U

### Blues (Polyommatainae)

___ Spring Azure - <i>Celastrina ladon</i>	U/C	U	R
___ Summer Azure - <i>C. neglecta</i>	C/A	C	C
___ Eastern Tailed-Blue - <i>Cupido comyntas</i>	C/A	C/A	C

## NYMPHALIDAE - 50 spp. in NC

### Snouts (Libytheinae)

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

___ Monarch - <i>Danaus plexippus</i>	U/A	U/C	U/C
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### Heliconians and Fritillaries (Heliconiinae)

___ Zebra Longwing - <i>Heliconius charithonia</i>	X	X/R	R*
___ Gulf Fritillary - <i>Dione vanillae</i>	R/U	R/U	U/C
___ Variegated Fritillary - <i>Euptoieta claudia</i>	U/C	C	C
___ Great Spangled Fritillary - <i>Argynnis cybele</i>	C/A	U/C	X

### Admirals and Relatives (Limenitidinae)

___ Viceroy - <i>Limenitis archippus</i>	U	U/C	U/C
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## NYMPHALIDAE - 50 spp. in NC

### Admirals and Relatives (Limenitidinae)

___ Red-spotted Purple - <i>Limenitis arthemis</i>	C	C	C
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### Emperors (Apaturinae)

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

### True Brush-foots (Nymphalinae)

___ Mourning Cloak - <i>Nymphalis antiopa</i>	U/C	U	R/U
___ Question Mark - <i>Polygonia interrogationis</i>	U/C	C	U/C
___ Eastern Comma - <i>P. comma</i>	U/C	U/C	R/U
___ 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
___ Common Buckeye - <i>Junonia coenia</i>	U/C	C/A	C/A
___ Mimic - <i>Hypolimnas misippus</i>		X	X
___ Silvery Checkerspot - <i>Chlosyne nycteis</i>	C	U/C	X/R
___ Pearl Crescent - <i>Phyciodes tharos</i>	C/A	C/A	C/A

### Satyrs (Satyrinae)

___ Southern Pearly-eye - <i>Lethe portlandia</i>	X/R	R/U	U/C
___ Northern Pearly-eye - <i>L. anthedon</i>	U/C	U	X
___ Creole Pearly-eye - <i>L. creola</i>	X/R	R/U	U
___ Appalachian Brown - <i>L. appalachia</i>	U	U	R/U
___ Gemmed Satyr - <i>Cyllopsis gemma</i>	R/U	U/C	R/U
___ Little Wood-Satyr - <i>Megisto cymela</i>	U/C	U/C	U
___ Carolina Satyr - <i>Hermeuptychia sosybius</i>	U/C	C/A	C
___ Intricate Satyr - <i>H. intricata</i>		X/R	R/U
___ Helicta Satyr - <i>Neonympha helicta</i>		X	X/R
___ Common Wood-Nymph - <i>Cercyonis pegala</i>	U/C	U	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
___ Long-tailed Skipper - <i>Urbanus proteus</i>	R	U	U/C
___ 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/U	R
___ Common Checkered-Skipper - <i>Burnsius communis</i>	R/U	U/C	U/C

**HESPERIIDAE - 73 spp. in NC**
**M P C**
**Spread-wing Skippers (Pyrginae)**

___ Sleepy Duskywing - <i>Erynnis brizo</i>	U/C	U	U
___ Juvenal's Duskywing - <i>E. juvenalis</i>	C/A	C/A	U/C
___ Horace's Duskywing - <i>E. horatius</i>	U/C	C	C
___ Zarucco Duskywing - <i>E. zarucco</i>	R	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)**

___ Dion Skipper - <i>Euphyes dion</i>		R/U	U
___ Dun Skipper - <i>E. vestris</i>	U	U/C	U/C
___ Delaware Skipper - <i>Anatrytone logan</i>	R	U/C	U
___ Byssus Skipper - <i>Problema byssus</i>		X/R	U
___ Fiery Skipper - <i>Hylephila phyleus</i>	U	C/A	C/A
___ Whirlabout - <i>Polites vibex</i>		R	U
___ Crossline Skipper - <i>P. origenes</i>	U/C	U/C	R/U
___ Tawny-edged Skipper - <i>P. themistocles</i>	U	U	U
___ Southern Broken-dash - <i>P. otho</i>	X/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 campestris</i>	C	C/A	U/C
___ Leonard's Skipper - <i>Hesperia leonardus</i>	R	R	
___ Cobweb Skipper - <i>H. metea</i>	X/R	R	X/R
___ Yehl Skipper - <i>Poanes yehl</i>	X	R	U
___ Broad-winged Skipper - <i>P. viator</i>		X/R	U/C
___ Zabulon Skipper - <i>Lon zabulon</i>	U/C	C	U
___ Dusted Skipper - <i>Atrytonopsis hianna</i>	R	U	R
___ Lace-winged Roadside-Skipper - <i>Amblyscirtes aesculapius</i>	R	R	U
___ Common Roadside-Skipper - <i>A. vialis</i>	R/U	R/U	X/R
___ Swarthy Skipper - <i>Nastra lherminier</i>	R	U/C	U/C
___ Eufala Skipper - <i>Lerodea eufala</i>	X	R/U	U
___ Clouded Skipper - <i>Lerema accius</i>	U/C	C	C/A
___ Southern Skipperling - <i>Copaeodes minima</i>		R	U
___ Ocola Skipper - <i>Panoquina ocola</i>	R	U/C	C
___ Brazilian Skipper - <i>Calpododes ethlius</i>	X	X/R	R
___ Least Skipper - <i>Ancyloxypha numitor</i>	C	C	C

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