

# ATLAS OF PENNSYLVANIA BUTTERFLIES



Compiled & Maintained By:

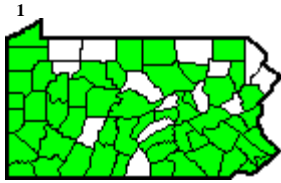
David M. Wright  
[wripenn@aol.com](mailto:wripenn@aol.com)

1 <sup>st</sup>	<b>Edition</b>	<b>1995</b>	[Dec. 18]
2 <sup>nd</sup>	<b>Edition (Revised)</b>	<b>2001</b>	[Feb. 17]
3 <sup>rd</sup>	<b>Edition (Revised)</b>	<b>2003</b>	[Jan. 30]
4 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2005</b>	[Jan. 5 ]
5 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2006</b>	[Jan. 21]
6 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2007</b>	[Jan. 3 ]
7 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2008</b>	[Jan. 7 ]
8 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2009</b>	[Jan. 10]
9 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2010</b>	[Jan. 15]
10 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2011</b>	[Jan. 10]
11 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2012</b>	[Jan. 16]
12 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2013</b>	[Jan. 13]
13 <sup>th</sup>	<b>Edition (Revised)</b>	<b>2014</b>	[Jan. 15]

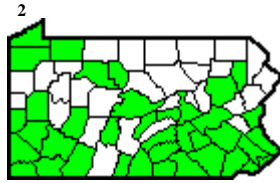
## PAPILIONIDAE

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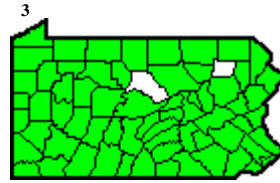
## Papilioninae (Swallowtails)



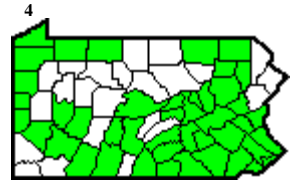
*Battus philenor*  
Pipevine Swallowtail



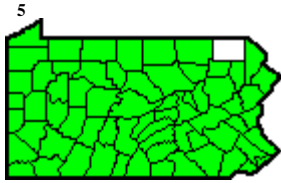
*Eurytides marcellus*  
Zebra Swallowtail



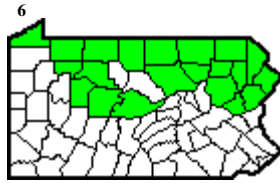
*Papilio polyxenes*  
Black Swallowtail



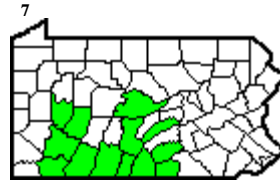
*Papilio cresphontes*  
Giant Swallowtail



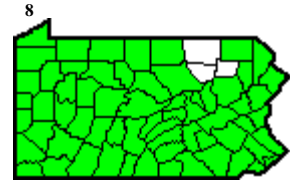
*Papilio glaucus*  
E. Tiger Swallowtail



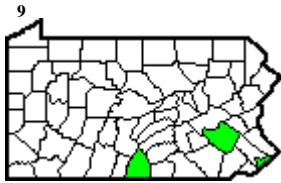
*Papilio canadensis*  
Canadian T. Swallowtail



*Papilio appalachiensis*  
Appalachian T. Swallowtail



*Papilio troilus*  
Spicebush Swallowtail

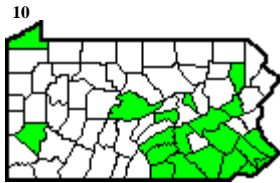


*Papilio palamedes*  
Palamedes Swallowtail

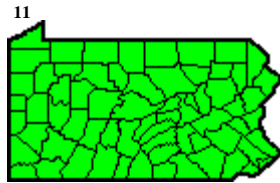
## PIERIDAE

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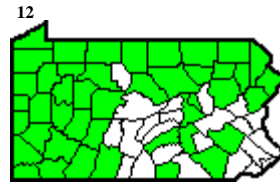
## Pierinae (Whites)



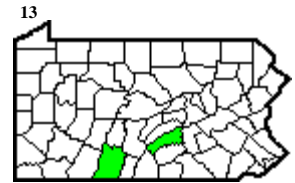
*Pontia protodice*  
Checkered White



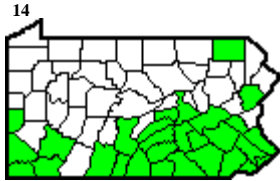
*Pieris rapae*  
Cabbage White



*Pieris virginiensis*  
West Virginia White

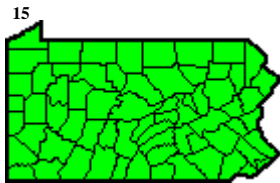


*Euchloe olympia*  
Olympia Marble

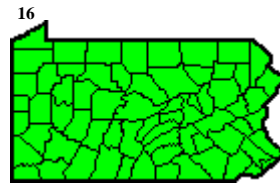


*Anthocharis midea*  
Falcate Orangetip

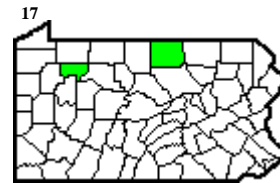
## Coliadinae (Sulphurs)



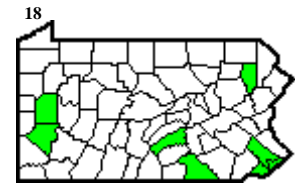
*Colias philodice*  
Clouded Sulphur



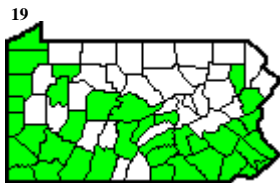
*Colias eurytheme*  
Orange Sulphur



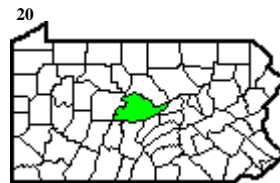
*Colias interior*  
Pink-edged Sulphur



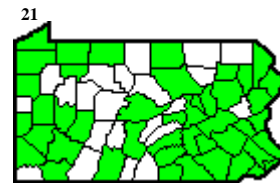
*Zerene cesonia*  
Southern Dogface



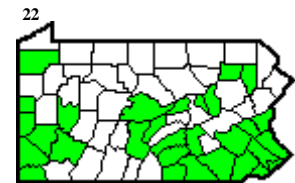
*Phoebis sennae*  
Cloudless Sulphur



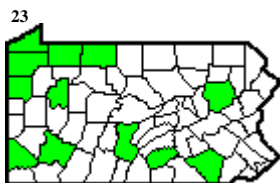
*Phoebis philea*  
Orange-barred Sulphur



*Pyrisitia lisa*  
Little Yellow



*Abaeis nicippe*  
Sleepy Orange

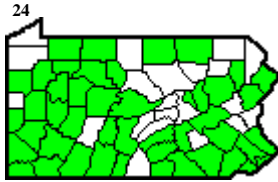


*Nathalis iole*  
Dainty Sulphur

## LYCAENIDAE

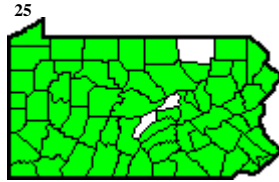
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13<sup>th</sup> Edition (Rev.) – 2014

## Miletinae (Harvesters)

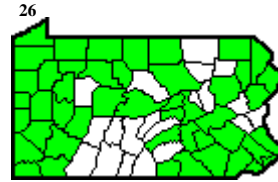


*Feniseca tarquinius*  
Harvester

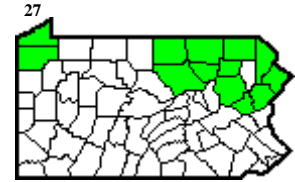
## Lycaeninae (Coppers)



*Lycaena phlaeas*  
American Copper

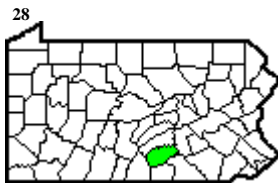


*Lycaena hyllus*  
Bronze Copper

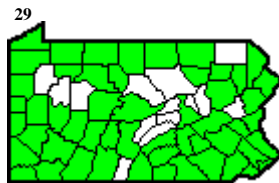


*Lycaena epixanthe*  
Bog Copper

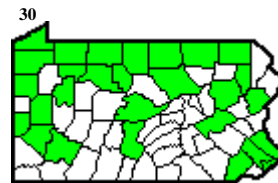
## Theclinae (Hairstreaks)



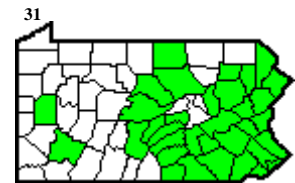
*Atlides halesus*  
Great Purple Hairstreak



*Satyrium titus*  
Coral Hairstreak



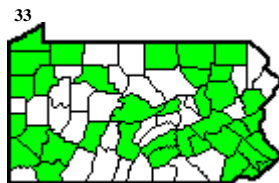
*Satyrium acadica*  
Acadian Hairstreak



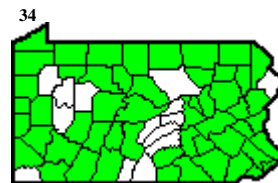
*Satyrium edwardsii*  
Edwards' Hairstreak



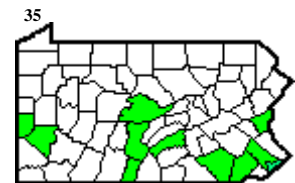
*Satyrium calanus*  
Banded Hairstreak



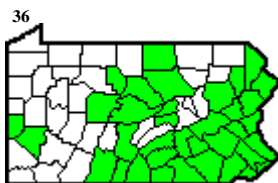
*Satyrium caryaevorus*  
Hickory Hairstreak



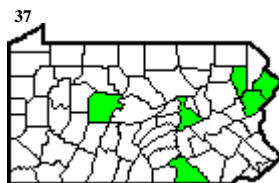
*Satyrium liparops*  
Striped Hairstreak



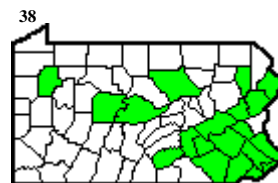
*Satyrium favonius*  
Southern Hairstreak



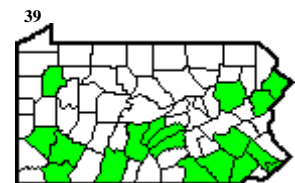
*Callophrys augustinus*  
Brown Elfin



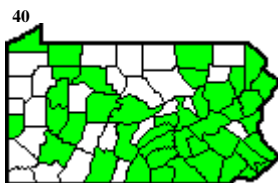
*Callophrys polios*  
Hoary Elfin



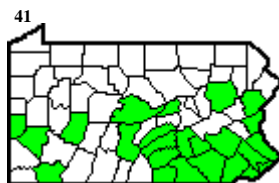
*Callophrys irus*  
Frosted Elfin



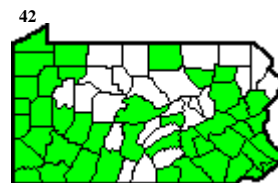
*Callophrys henrici*  
Henry's Elfin



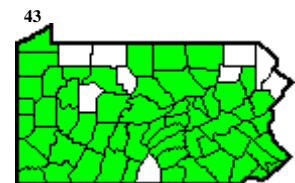
*Callophrys niphon*  
Eastern Pine Elfin



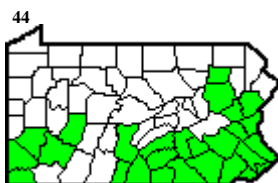
*Callophrys gryneus*  
Juniper Hairstreak



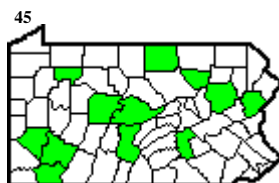
*Parrhasius m-album*  
White M Hairstreak



*Strymon melinus*  
Gray Hairstreak



*Calycopis cecrops*  
Red-banded Hairstreak

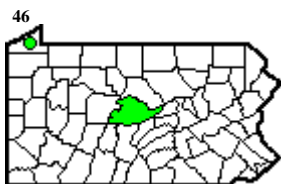


*Erora laeta*  
Early Hairstreak

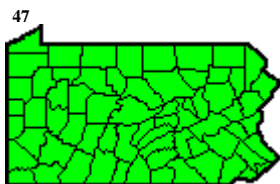
## LYCAENIDAE continued

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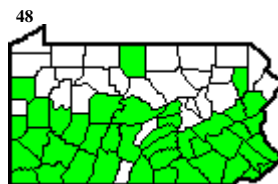
## Polyommatainae (Blues)



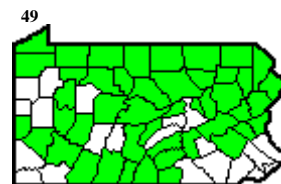
*Leptotes marina*  
Marine Blue



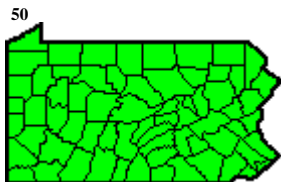
*Cupido comyntas*  
Eastern Tailed Blue



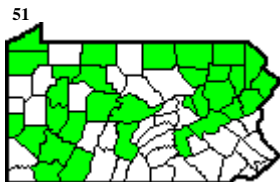
*Celastrina ladon*  
Spring Azure



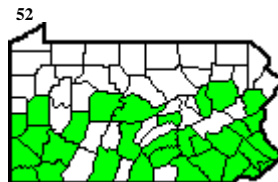
*Celastrina lucia*  
Northern Spring Azure



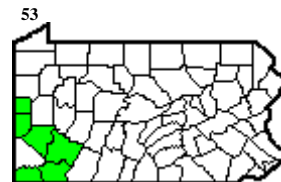
*Celastrina neglecta*  
Summer Azure



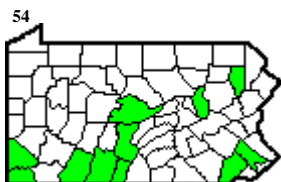
*Celastrina serotina*  
Cherry Gall Azure



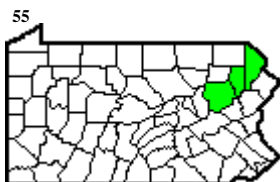
*Celastrina neglectamajor*  
Appalachian Azure



*Celastrina nigra*  
Dusky Azure



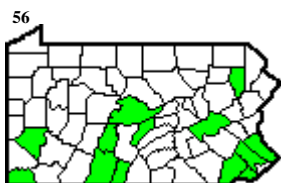
*Glaucopsyche lygdamus*  
Silvery Blue



*Plebejus samuelis*  
Karner Blue

## RIODINIDAE

## Riodininae (Metalmarks)



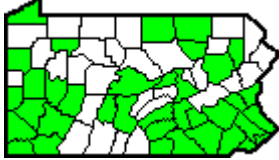
*Calephelis borealis*  
Northern Metalmark

## NYMPHALIDAE

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## Libytheinae (Snouts)

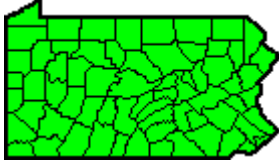
57



*Libytheana carinenta*  
American Snout

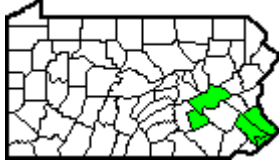
## Danainae (Milkweed Butterflies)

58



*Danaus plexippus*  
Monarch

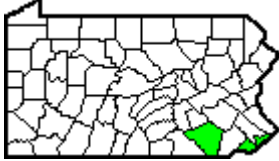
59



*Danaus gilippus*  
Queen

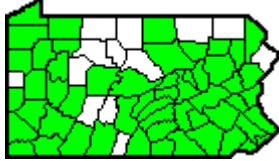
## Heliconiinae (Longwings &amp; Fritillaries)

60



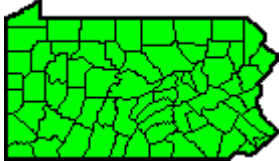
*Agraulis vanillae*  
Gulf Fritillary

61



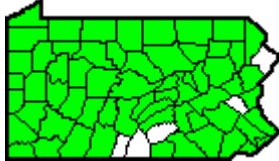
*Euptoieta claudia*  
Variegated Fritillary

62



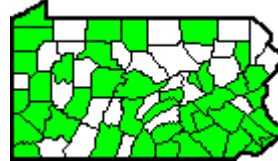
*Speyeria cybele*  
Great Spangled Fritillary

63



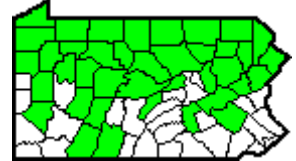
*Speyeria aphrodite*  
Aphrodite Fritillary

64



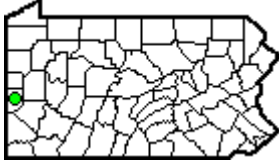
*Speyeria idalia*  
Regal Fritillary

65



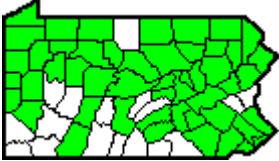
*Speyeria atlantis*  
Atlantis Fritillary

66



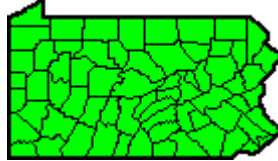
*Speyeria diana*  
Diana Fritillary  
[unverified old record]

67



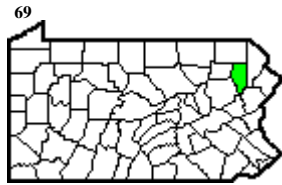
*Boloria selene*  
Silver-bordered Fritillary

68

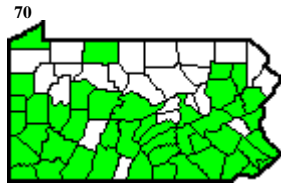


*Boloria bellona*  
Meadow Fritillary

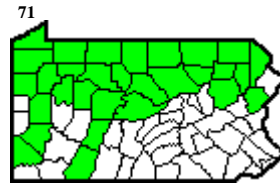
## Nymphalinae (True Brushfoots)



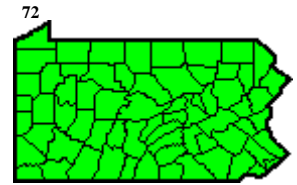
*Chlosyne gorgone*  
Gorgone Checkerspot



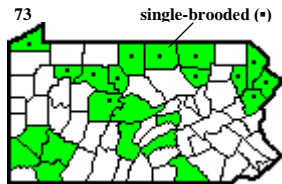
*Chlosyne nycteis*  
Silvery Checkerspot



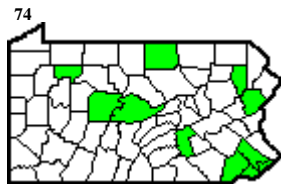
*Chlosyne harrisii*  
Harris' Checkerspot



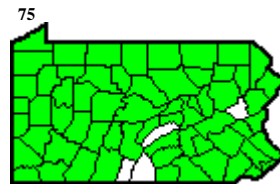
*Phyciodes tharos*  
Pearl Crescent



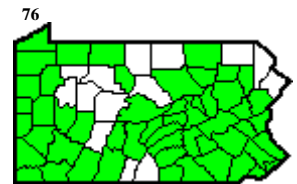
*Phyciodes cocyta* (2 sp. ?)  
Northern Crescent



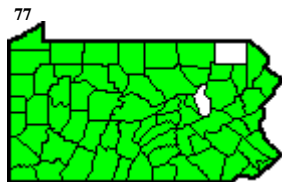
*Phyciodes batesii*  
Tawny Crescent



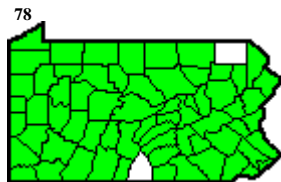
*Euphydryas phaeton*  
Baltimore



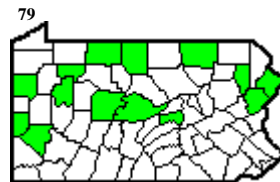
*Junonia coenia*  
Common Buckeye



*Polygonia interrogationis*  
Question Mark



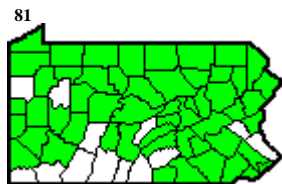
*Polygonia comma*  
E. Comma/Hop Merchant



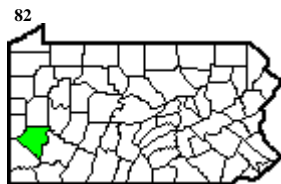
*Polygonia faunus*  
Green Comma



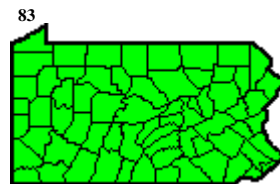
*Polygonia progne*  
Gray Comma



*Nymphalis l-album j-album*  
Compton's Tortoiseshell



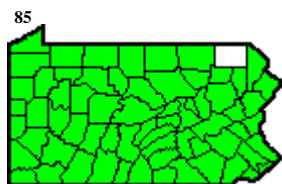
*Nymphalis californica*  
California Tortoiseshell



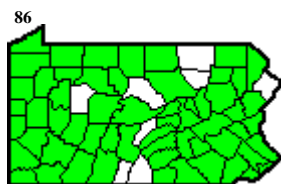
*Nymphalis antiopa*  
Mourning Cloak



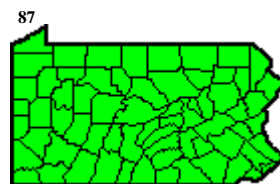
*Aglais milberti*  
Milbert's Tortoiseshell



*Vanessa virginiensis*  
American Lady

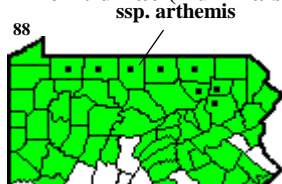


*Vanessa cardui*  
Painted Lady



*Vanessa atalanta*  
Red Admiral

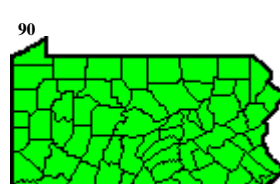
## Limenitidinae (Admirals &amp; Relatives)



*Limenitis a. arthemis*-like  
White Admiral (full bands)



*L. arthemis* ssp. intergrades  
Hybrid Purple (partial bands)



*Limenitis a. astyanax*  
Red-spotted Purple

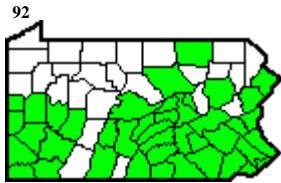


*Limenitis archippus*  
Viceroy

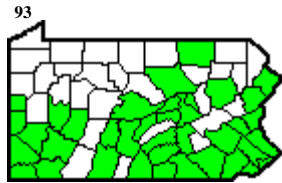
**NYMPHALIDAE continued**

**Atlas of Pennsylvania Butterflies  
13<sup>th</sup> Edition (Rev.) – 2014**

**Apaturinae (Emperors)**



*Asterocampa celtis*  
Hackberry Emperor

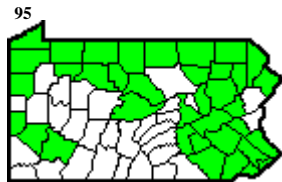


*Asterocampa clyton*  
Tawny Emperor

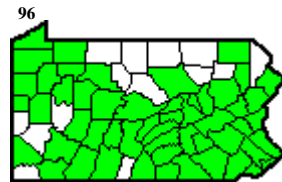
**Satyrinae (Satyrs & Browns)**



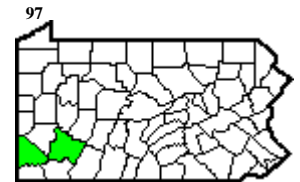
*Lethe anthedon*  
Northern Pearly Eye



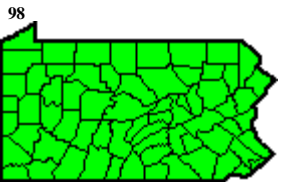
*Lethe eurydice*  
Eyed Brown



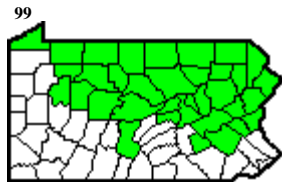
*Lethe appalachia*  
Appalachian Brown



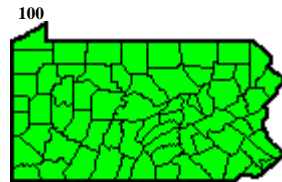
*Hermeuptychia sosybius*  
Carolina Satyr



*Megisto cymela*  
Little Wood Satyr



*Coenonympha tullia*  
Common Ringlet



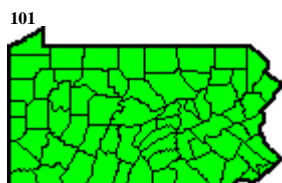
*Cercyonis pegala*  
Common Wood Nymph



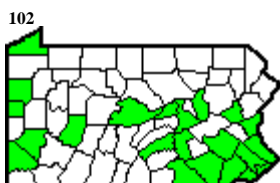
## HESPERIIDAE (Skippers)

Atlas of Pennsylvania Butterflies  
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## Eudaminae (Dicot Skippers)



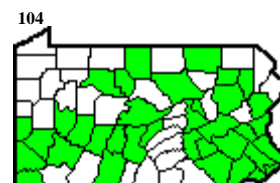
*Epargyreus clarus*  
Silver-spotted Skipper



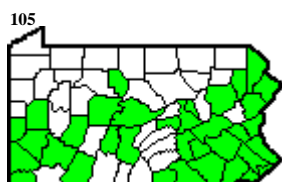
*Urbanus proteus*  
Long-tailed Skipper



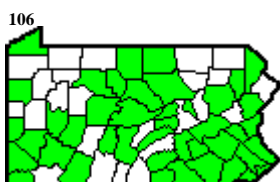
*Autochton cellus*  
Golden-banded Skipper



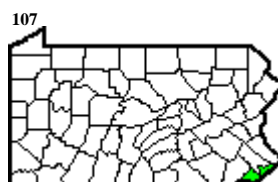
*Achalarus lyciades*  
Hoary Edge



*Thorybes bathyllus*  
Southern Cloudywing



*Thorybes pylades*  
Northern Cloudywing

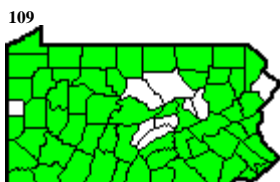


*Thorybes confusus*  
Confused Cloudywing

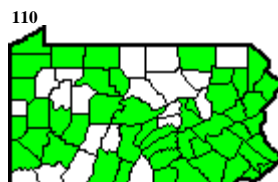
## Pyrginae (Spread-winged Skippers)



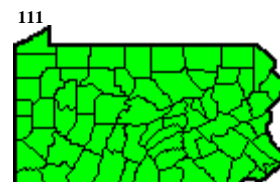
*Staphylus hayhurstii*  
Hayhurst's Scallopwing



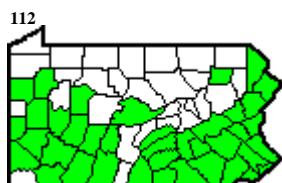
*Erynnis icelus*  
Dreamy Duskywing



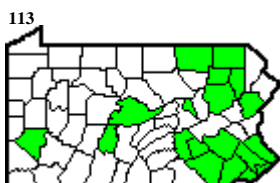
*Erynnis brizo*  
Sleepy Duskywing



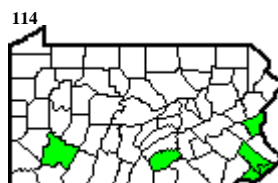
*Erynnis juvenalis*  
Juvenal's Duskywing



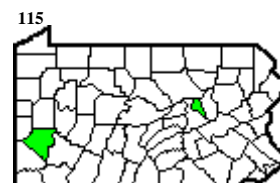
*Erynnis horatius*  
Horace's Duskywing



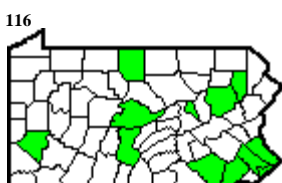
*Erynnis martialis*  
Mottled Duskywing



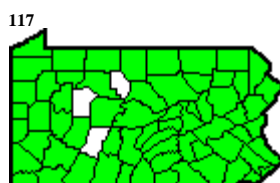
*Erynnis zarucco*  
Zarucco Duskywing



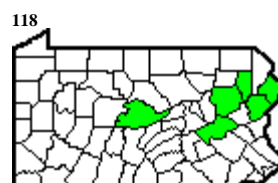
*Erynnis funeralis*  
Funereal Duskywing



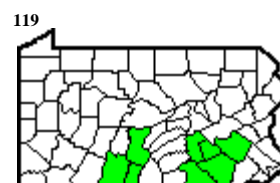
*Erynnis lucilius*  
Columbine Duskywing



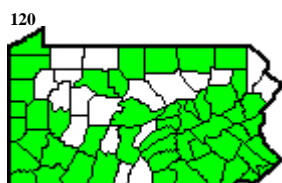
*Erynnis baptisiae*  
Wild Indigo Duskywing



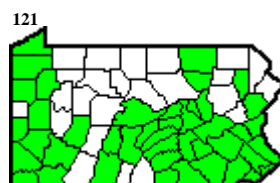
*Erynnis persius*  
Persius Duskywing



*Pyrgus centaureae*  
Grizzled Skipper



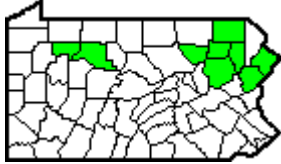
*Pyrgus communis*  
Common Checkered Skipper



*Pholisora catullus*  
Common Sootywing

Heteropterinae (Skipperlings)

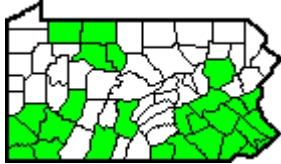
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*Carterocephalus palaemon*  
Arctic Skipper

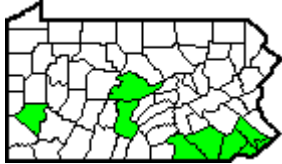
Hesperiinae (Grass Skippers)

123



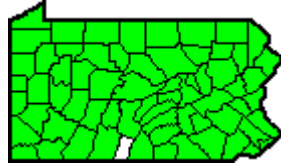
*Nastra therminier*  
Swarthy Skipper

124



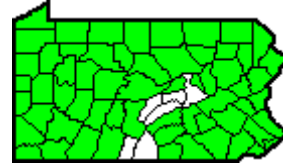
*Lerema accius*  
Clouded Skipper

125



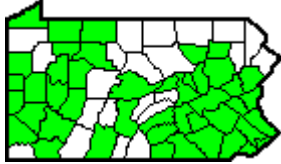
*Ancyloxypha numitor*  
Least Skipper

126



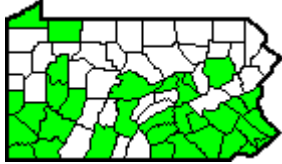
*Thymelicus lineola*  
European Skipper

127



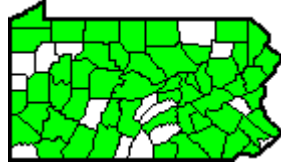
*Hylephila phyleus*  
Fiery Skipper

128



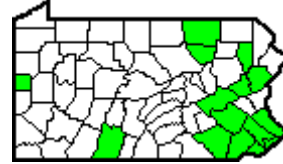
*Atalopedes campestris*  
Sachem

129



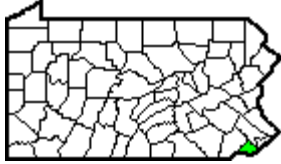
*Hesperia leonardus*  
Leonard's Skipper

130



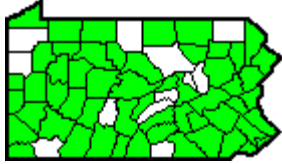
*Hesperia metea*  
Cobweb Skipper

131



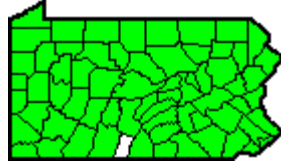
*Hesperia attalus*  
Dotted Skipper

132



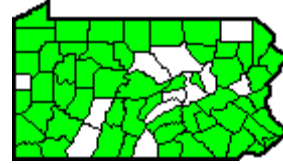
*Hesperia sassacus*  
Indian Skipper

133



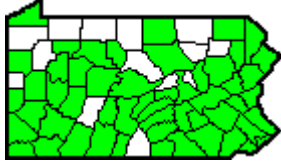
*Polites peckius*  
Peck's Skipper

134



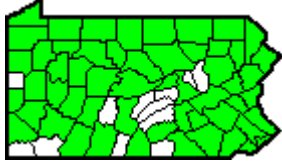
*Polites themistocles*  
Tawny-edged Skipper

135



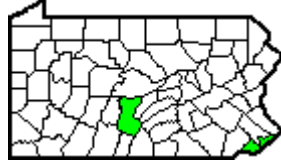
*Polites origenes*  
Crossline Skipper

136



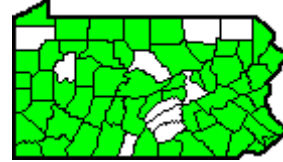
*Polites mystic*  
Long Dash

137



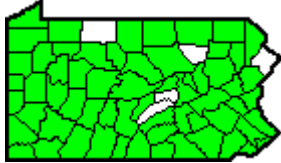
*Polites vibex*  
Whirlabout

138



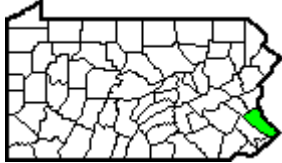
*Wallengrenia egeremet*  
Northern Broken Dash

139



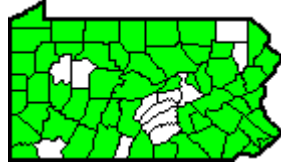
*Pompeius verna*  
Little Glasswing

140



*Atrytone arogos*  
Arogos Skipper

141

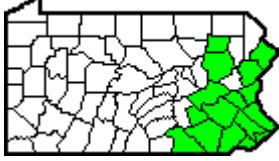


*Anatrytone logan*  
Delaware Skipper

## HESPERIIDAE continued

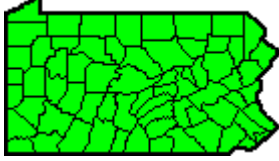
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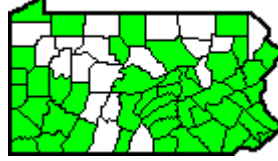
*Poanes massasoit*  
Mulberry Wing

143



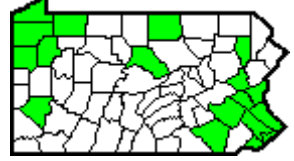
*Poanes hobomok*  
Hobomok Skipper

144



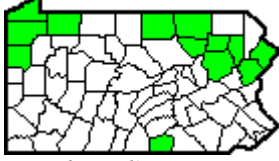
*Poanes zabulon*  
Zabulon Skipper

145



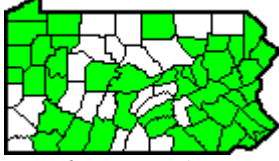
*Poanes viator*  
Broad-winged Skipper

146



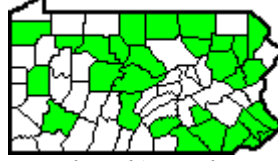
*Euphyes dion*  
Dion Skipper

147



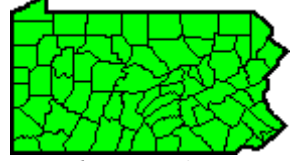
*Euphyes conspicua*  
Black Dash

148



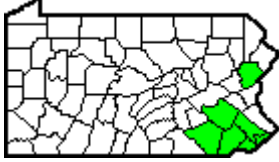
*Euphyes bimacula*  
Two-spotted Skipper

149



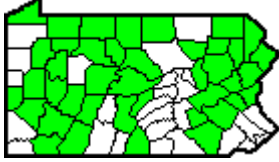
*Euphyes vestris*  
Dun Skipper

150



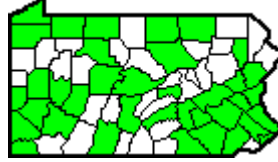
*Atrytonopsis hianna*  
Dusted Skipper

151



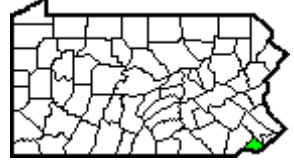
*Amblyscirtes hegon*  
Pepper & Salt Skipper

152



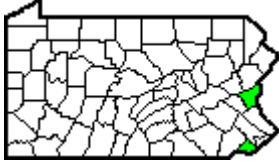
*Amblyscirtes vialis*  
Common Roadside Skipper

153



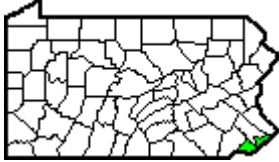
*Oligoria maculata*  
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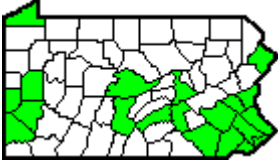
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**NOTES:****County distribution sources include:**

Compiler's extensive bibliography of Pennsylvania butterfly literature (1798-2013), Field Summary of The Lepidopterists' Society (*Lepidopterists' News*, 1947-1953), Season Summary of The Lepidopterists' Society ("News of the Lepidopterists' Society", 1959-2013), specimen vouchers in natural history museums in U.S. & Canada and private collections (50+), personal correspondence (1969-2013), reports to online listserve group at: <http://groups.yahoo.com/group/PaLepsOdes/> (2005-2013), reports to NABA Recent Sightings at: <http://www.naba.org/sightings/sightings.html> (1999-2013), and reports to the Pennsylvania State Coordinator for Butterflies and Moths of North America at: <http://npwrc.usgs.gov/resource/distr/lepid/bflyusa/bflusa.htm> followed by <http://www.butterfliesandmoths.org/> (1995-2005 and 2005-2013 respectively).

**Scientific names follow:**

Pelham, J. 2008. Catalogue of the butterflies of the United States and Canada. *Journal of Research on the Lepidoptera* 40:1-672 pp. [Catalogue available at: <http://butterfliesofamerica.com/US-Can-Cat-1-30-2011.htm>. This online version is frequently updated with new taxonomic information. Last revision dated 2/14/2012.]

**Common names follow:**

North American Butterfly Association (NABA) Checklist & English Names of North American Butterflies, 1<sup>st</sup> Edition (1995) and 2<sup>nd</sup> Edition (2001), with modifications from Opler, P.A. 1998. *A Field Guide to Eastern Butterflies*. Peterson Field Guides. Houghton Mifflin Company, 512 pp. ; J.P. Brock, J. & K. Kaufmann. 2003. *Butterflies of North America*. Kaufmann Field Guides. Houghton Mifflin Harcourt Publishing Co., 392 pp.; and Opler, P.A., K. Lotts, and T. Naberhaus [coordinators]. 2012. *Butterflies and Moths of North America*. Bozeman, MT: Big Sky Institute. Data set last accessed on 12/18/2013 at: <http://www.butterfliesandmoths.org/>.