

# A Field Checklist of Kentucky Butterflies (Lepidoptera)

Charles V. Covell Jr.

University of Louisville, Louisville, Kentucky 40292-0001

On this and following page is the updated listing of all butterflies known from Kentucky. This supersedes the listing in Covell (1974), and consists of 144 butterfly species, 11 of which are either strays that rarely occur in the Commonwealth, or are known from old records and are not likely to be found in Kentucky now. In my opinion, the known resident and regularly transient butterfly fauna of Kentucky now stands at 133 species.

Scientific names follow Opler (1992), and English (common) names follow Glassberg (ed., 1992). Detailed records and remarks are available in Covell (1999).

I intend for this list to be photocopied by anyone wishing a pocket-sized list of Kentucky butterflies to use in the field. Anyone finding additions or suspected additions to this list is urged to contact me at the above address or at my e-mail address: covell@louisville.edu. I am sure there are a few other butterfly species native to or occasionally established temporarily in Kentucky.

## LITERATURE CITED

- Covell, C. V., Jr. 1974. A preliminary checklist of the butterflies of Kentucky. J. Lepid. Soc. 28:253-256.  
 Covell, C. V., Jr. 1999. The butterflies and moths (Lepidoptera) of Kentucky: an annotated checklist. Kentucky State Nature Preserves Comm. Sci. Techn. Ser. 6.  
 Glassberg, J. (ed). 1995. North American Butterfly Association (NABA) checklist and English names of North American butterflies. North American Butterfly Association, Morristown, NJ.  
 Opler, P. A. 1998. A field guide to eastern butterflies. Houghton Mifflin, Boston, MA.

## FIELD CHECKLIST OF KENTUCKY BUTTERFLIES

by Charles V. Covell Jr., Dept. of Biology, Univ. of Louisville, Louisville, KY 40292-0001 Phone: (502) 852-5942.

Locality \_\_\_\_\_

Dates \_\_\_\_\_

Recorded by \_\_\_\_\_

\_\_\_\_\_ *Epargyreus clarus* (Silver-spotted Skipper) A

- \_\_\_\_\_ *Urbanus proteus* (Long-tailed Skipper) S  
 \_\_\_\_\_ *Autochton cellus* (Gold-banded Skipper) U  
 \_\_\_\_\_ *Achalarus lyciades* (Hoary Edge) U  
 \_\_\_\_\_ *Thorybes bathyllus* (Southern Cloudywing) C  
 \_\_\_\_\_ *Thorybes pylades* (Northern Cloudywing) C  
 \_\_\_\_\_ *Thorybes confusus* (Confused Cloudywing) U  
 \_\_\_\_\_ *Staphylus hayhurstii* (Hayhurst's Scallopwing) U  
 \_\_\_\_\_ *Erynnis icelus* (Dreamy Duskywing) C  
 \_\_\_\_\_ *Erynnis brizo* (Sleepy Duskywing) A  
 \_\_\_\_\_ *Erynnis juvenalis* (Juvenal's Duskywing) A  
 \_\_\_\_\_ *Erynnis horatius* (Horace's Duskywing) C  
 \_\_\_\_\_ *Erynnis martialis* (Mottled Duskywing) U  
 \_\_\_\_\_ *Erynnis zarucco* (Zarucco Duskywing) R  
 \_\_\_\_\_ *Erynnis funeralis* (Funereal Duskywing) R  
 \_\_\_\_\_ *Erynnis lucilius* (Columbine Duskywing) R  
 \_\_\_\_\_ *Erynnis baptisiae* (Wild Indigo Duskywing) A  
 \_\_\_\_\_ *Pyrgus centaureae* (Grizzled Skipper) R  
 \_\_\_\_\_ *Pyrgus communis* (Common Checkered Skipper) C  
 \_\_\_\_\_ *Pholisora catullus* (Common Sootywing) C  
 \_\_\_\_\_ *Nastrai lherminier* (Swarthy Skipper) U  
 \_\_\_\_\_ *Lerema accius* (Clouded Skipper) U  
 \_\_\_\_\_ *Ancyloxypha numitor* (Least Skipper) A  
 \_\_\_\_\_ *Thymelicus lineola* (European Skipper) F  
 \_\_\_\_\_ *Hylephila phyleus* (Fiery Skipper) F  
 \_\_\_\_\_ *Hesperia leonardus* (Leonard's Skipper) F  
 \_\_\_\_\_ *Hesperia metea* (Cobweb Skipper) U  
 \_\_\_\_\_ [*Hesperia sassacus* (Indian Skipper)] E  
 \_\_\_\_\_ *Polites peckius* (Peck's Skipper) A  
 \_\_\_\_\_ *Polites themistocles* (Tawny-edged Skipper) A  
 \_\_\_\_\_ *Polites origenes* (Crossline Skipper) F  
 \_\_\_\_\_ *Wallengrenia otho* (Southern Broken-dash) S  
 \_\_\_\_\_ *Wallengrenia egeremet* (Northern Broken-dash) A  
 \_\_\_\_\_ *Pompeius verna* (Little Glassywing) U  
 \_\_\_\_\_ *Atalopedes campestris* (Sachem) A  
 \_\_\_\_\_ *Anatrytone logan* (Delaware Skipper) U  
 \_\_\_\_\_ *Poanes hobomok* (Hobomok Skipper) F  
 \_\_\_\_\_ *Poanes zabulon* (Zabulon Skipper) C  
 \_\_\_\_\_ *Poanes yehl* (Yehl Skipper) C  
 \_\_\_\_\_ *Poanes viator* (Broad-winged Skipper) R  
 \_\_\_\_\_ *Euphyes dion* (Dion Skipper) F  
 \_\_\_\_\_ *Euphyes dukesi* (Duke's Skipper) R  
 \_\_\_\_\_ *Euphyes vestris* (Dun Skipper) C  
 \_\_\_\_\_ *Atrytonopsis hianna* (Dusted Skipper) U  
 \_\_\_\_\_ *Amblyscirtes hegon* (Pepper and Salt Skipper) U  
 \_\_\_\_\_ *Amblyscirtes aesculapius* (Lace-winged Roadside Skipper) U  
 \_\_\_\_\_ *Amblyscirtes vialis* (Common Roadside Skipper) U  
 \_\_\_\_\_ *Amblyscirtes belli* (Bell's Roadside Skipper) U  
 \_\_\_\_\_ *Lerodea eufala* (Eufala Skipper) R  
 \_\_\_\_\_ *Panoquina ocola* (Ocola Skipper) U  
 \_\_\_\_\_ *Battus philenor* (Pipevine Swallowtail) A

- [ *Battus polydamas* (Polydamas Swallowtail)] S  
 — *Eurytides marcellus* (Zebra Swallowtail) C  
 — *Papilio polyxenes asterius* (Black Swallowtail) C  
 — *Papilio joanae* (Joan's Swallowtail) R  
 — *Papilio crespontes* (Giant Swallowtail) F  
 — *Papilio glaucus* (Tiger Swallowtail) C  
 — *Papilio troilus* (Spicebush Swallowtail) C  
 — *Papilio palamedes* (Palamedes Swallowtail) R  
 — *Pontia protodice* (Checkered White) U  
 — *Pieris virginicensis* (West Virginia White) C  
 — *Pieris rapae* (Cabbage White) C  
 — *Euchloe olympia* (Olympia Marble) U  
 — *Anthocharis midea* (Falcate Orange Tip) C  
 — *Colias philodice* (Clouded Sulphur) A  
 — *Colias eurytheme* (Orange Sulphur) A  
 — *Colias cesonia* (Southern Dogface) U  
 — *Phoebis sennae* (Cloudless Sulphur) C  
 — [ *Phoebis philea* (Orange-barred Sulphur)] S  
 — [ *Phoebis agarithe* (Large Orange Sulphur)] S  
 — [ *Kricogonia lyside* (Lyside Sulphur)] S  
 — *Eurema lisa* (Little Yellow) F  
 — *Eurema nicippe* (Sleepy Orange) F  
 — *Nathalis iole* (Dainty Sulphur) U  
 — *Feniseca tarquinius* (Harvester) U  
 — *Lycaena phlaeas americana* (American Copper)  
 — *Lycaena hyllus* (Bronze Copper) F  
 — *Atlides halesus* (Great Purple Hairstreak) R  
 — *Satyrium titus mopsus* (Coral Hairstreak) C  
 — [ *Satyrium acadicum* (Acadian Hairstreak)] S  
 — *Satyrium edwardsii* (Edwards' Hairstreak) C  
 — *Satyrium calanus falacer* (Banded Hairstreak) C  
 — *Satyrium caryaevorum* (Hickory Hairstreak) U  
 — *Satyrium liparops* (Striped Hairstreak) U  
 — *Satyrium favonius ontario* (Northern Hairstreak) U  
 — *Callophrys grynea* (Juniper Hairstreak) C  
 — *Callophrys augustinus* (Brown Elfin) U  
 — *Callophrys irus* (Frosted Elfin) R  
 — *Callophrys henrici* (Henry's Elfin) C  
 — *Callophrys niphon* (Eastern Pine Elfin) U  
 — *Parrhasius m-album* (White-M Hairstreak) R  
 — *Erora laetus* (Early Hairstreak) R  
 — *Calycopis cecrops* (Red-banded Hairstreak) U  
 — *Strymon melinus* (Gray Hairstreak) C  
 — *Leptotes marina* (Marine Blue) R  
 — *Everes comyntas* (Eastern Tailed Blue) A  
 — *Celastrina argiolus ladon* (Spring Azure) C  
 — *Celastrina ebenina* (Dusky Azure) C  
 — *Celastrina neglectamajor* (Appalachian Blue) U  
 — *Glaucopsyche lygdamus* (Silvery Blue) U  
 — *Calephelis borealis* (Northern Metalmark) U  
 — *Calephelis mutica* (Swamp Metalmark) R  
 — *Libythaena carinenta bachmanii* (American Snout Butterfly) C  
 — *Agraulis vanillae* (Gulf Fritillary) U  
 — *Euptoieta claudia* (Variegated Fritillary) C  
 — *Speyeria diana* (Diana Fritillary) C  
 — *Speyeria cybele* (Great-spangled Fritillary) A  
 — *Speyeria aphrodite* (Aphrodite Fritillary) U  
 — *Speyeria idalia* (Regal Fritillary) E  
 — *Boloria bellona* (Meadow Fritillary) C  
 — [ *Boloria selene myrina* (Silver-bordered Fritillary)] S  
 — *Chlosyne gorgone* (Gorgone Checkerspot) R  
 — *Charidryas nycteis* (Silvery Checkerspot) C  
 — *Phyciodes tharos* (Pearl Crescent) A  
 — *Phyciodes batesii* (Tawny Crescent)] R  
 — *Euphydryas phaeton* (Baltimore Checkerspot) U  
 — *Polygonia interrogationis* (Question Mark) C  
 — *Polygonia comma* (Eastern Comma) C  
 — *Polygonia faunus smythi* (Green Comma) R  
 — *Polygonia progne* (Gray Comma) R  
 — [ *Nymphalis vau-album j-album* (Compton Tortoise Shell)] S  
 — *Nymphalis antiopa* (Mourning Cloak) F  
 — *Aglais milberti* (Milbert's Tortoise Shell) S  
 — *Vanessa virginicensis* (American Lady) U  
 — *Vanessa cardui* (Painted Lady) C  
 — *Vanessa atalanta* (Red Admiral) C  
 — *Junonia coenia* (Common Buckeye) C  
 — *Anartia jatrophae* White Peacock) S  
 — *Limenitis arthemis arthemis* (White Admiral) S  
 — *Limenitis arthemis astyanax* (Red Spotted Purple) C  
 — *Limenitis archippus* (Viceroy) C (KY'S STATE BUTTERFLY)  
 — *Anaea andria* (Goatweed Leafwing) U  
 — *Asterocampa celtis* (Hackberry Emperor) C  
 — *Asterocampa clyton* (Tawny Emperor) C  
 — *Enodia portlandia missarkae* (Southern Pearly-Eye) U  
 — *Enodia anthedon* (Northern Pearly-Eye) C  
 — *Enodia creola* (Creole Pearly-Eye) U  
 — *Satyroides appalachia* (Appalachian Brown) C  
 — *Cyllopsis gemma* (Gemmaed Satyr) U  
 — *Hermeuptychia sosybius* (Carolina Satyr) U  
 — *Megisto cymela* (Little Wood Satyr) C  
 — *Cercyonis pegala* (Common Wood-Nymph) C  
 — *Danaus plexippus* (Monarch) C  
 — [ *Danaus gilippus* (Queen)] S

Additions: \_\_\_\_\_

[brackets indicate questionable specimens or sight records for Ky.]

A = Abundant; C = Common; F = Frequent; U = Uncommon; R = Rare; E = probably endangered or extirpated; S = stray, not native to Kentucky.



Covell, Charles V. 2000. "A Field Checklist of Kentucky Butterflies (Lepidoptera)." *Journal of the Kentucky Academy of Science* 61(2), 86–87.

**View This Item Online:** <https://www.biodiversitylibrary.org/item/106515>

**Permalink:** <https://www.biodiversitylibrary.org/partpdf/335481>

**Holding Institution**

New York Botanical Garden, LuEsther T. Mertz Library

**Sponsored by**

The LuEsther T Mertz Library, the New York Botanical Garden

**Copyright & Reuse**

Copyright Status: In copyright. Digitized with the permission of the rights holder.

Rights Holder: Kentucky Academy of Science

License: <http://creativecommons.org/licenses/by-nc-sa/3.0/>

Rights: <https://biodiversitylibrary.org/permissions>

This document was created from content at the **Biodiversity Heritage Library**, the world's largest open access digital library for biodiversity literature and archives. Visit BHL at <https://www.biodiversitylibrary.org>.