

# Kentucky Lepidopterist

Newsletter of the Society of Kentucky Lepidopterists

Volume 34, Number 3, October 2008

## THE SOCIETY OF KENTUCKY LEPIDOPTERISTS

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#### **The Society of Kentucky**

**Lepidopterists** is open to anyone with an interest in the Lepidoptera of the State of Kentucky. Membership dues are annual: \$12.00, and can be sent to the Treasurer: Les Ferge, (see above).

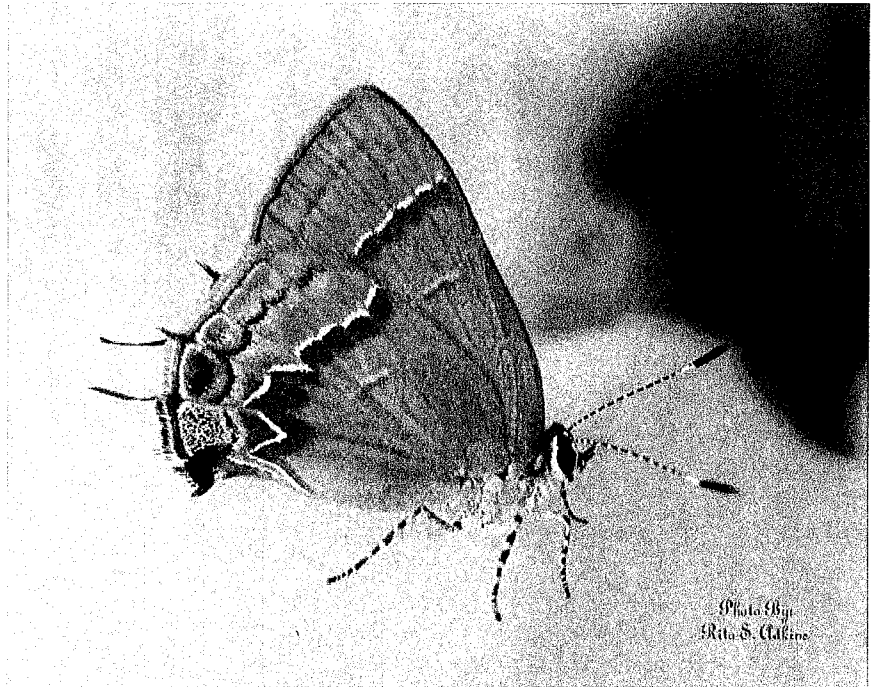


Photo By  
Rita S. Adkins

*Calycopis cecrops*  
Red Banded Hairstreak  
Photo by Rita S. Adkins

## KY Leps Member has Great Summer of Photography

Member Rita Adkins, of Frenchburg, KY reports having had a very productive summer of photographing Lepidoptera. Since studying butterflies for a school project in the 1960s, she says she had not paid much attention to them again until she became aware of the Society of KY Lepidopterist website. Rita says she noticed that several butterflies that she knew were in Menifee County were not listed and decided to "set out on a personal mission to find and photograph" the species not yet listed from her county. "I figured I would find at least 50 species...to my surprise I have photographed 63 species, just in and around my backyard."

The above photo of *Calycopis cecrops* is one of her favorites from this summer. The butterfly was photographed naturally on tall bearded iris. (See more of Rita's photos on page 25)

## 25<sup>th</sup> Annual July 4<sup>th</sup> Butterfly Count

The 25th annual July 4th Butterfly Count was held in the usual area of Oldham Co., KY, off Zaring Road near Brownsboro on Saturday, July 5, 2008. The property visited was the farm of Mr. Bob Horner, and the University of Louisville's Horner Wildlife Sanctuary. The high this day was 84; low 71; mostly cloudy but dry, with west winds about 5-10mph. Present were C.V. Covell Jr. (compiler), William R. Black Jr., Loran D. Gibson, Richard A. Henderson, Marcia Jumblatt, Richard Healy, Ed Huber, Wayne Willis, David & Megan McCarty, Margarette Perkins Dan Ochs, Martin & Jane Williams, Dominic Ventura, Elizabeth Mason, Whitney Mason, Trevon Henderson, John Henderson, and newspaper reporters Antwon Pinkston (Courier-Journal) and Laura Hagan (Oldham Era).

Species recorded were as follow: 47 *Battus philenor*, 18 *Eurytides marcellus*, 25 *Papilio polyxenes asterius*, 12 *Papilio glaucus*, 5 *Papilio troilus*, 156 *Pieris rapae*, 52 *Colias philodice*, 182 *Colias eurytheme*, 5 *Eurema nicippe*, 3 *Strymon melinus*, 1061 *Everes comyntas*, 7 *Celastrina neglecta*, 2 *Libytheana carinenta*, 75 *Phyciodes tharos*, 48 *Speyeria cybele*, 3 *Vanessa virginiensis*, 5 *Vanessa cardui*, 1 *Vanessa atalanta*, 11 *Junonia coenia*, 6 *Limenitis arthemis astyanax*, 10 *Asterocampa celtis*, 1 *Asterocampa clyton*, 5 *Enodia anthedon*, 5 *Cyllopsis gemma*, 2 *Hermeuptychia sosybius*, 118 *Megisto cymela*, 84 *Cercyonis pegala*, 2 *Danaus plexippus*, 4 *Epargyreus clarus*, 2 *Erynnis horatius*, 70 *Erynnis baptisiae*, 4 *Polites themistocles*, 3 *Wallengrenia egeremet*, 3 *Pompeius verna*, 1 *Anatrytone logan*, and 3 *Euphyes vestris*. Also 1 *Polygonia*, unidentified species. Totals: 37 species and 2,042 individuals. Moths seen included *Haploa chymene* (Arctiidae), *Hemaris thysbe* (Sphingidae) and *Melilla xanthometata* (Geometridae). Conditions were excellent, especially in that Bob Horner had not cut his hayfields and there were plenty of nectar plants such as thistle, white sweet clover and daisy fleabane in bloom. A photographic article appeared in the July 6 Louisville Courier-Journal.

-- C.V. Covell Jr.

## Kentucky Lepidopterists' Late Summer Field Trip

5-7 September 2008

By Loran D. Gibson

The Kentucky Lepidopterists' late summer field trip was once again hosted by Bill and Nancy Black of Paducah. The meeting began with a gathering of the members at the Black's house on Friday evening, 5 September. Nancy provided a delectable buffet of snacks and deserts that were well received by those present, including: Jeff Marcus, Gerald Burnett, Loran Gibson, John (Tony) Merkle, Kevin Segebarth, and Charles Wright. The conversation and off-the-cuff presentations on recently encountered butterflies and moths were lively and diverse and lasted well into the evening.

Saturday's activities began with breakfast at the Paducah Days Inn. From there we caravanned to the Streetman's farm, along Massac Creek, on Paducah's west side. The farm has some nice habitats including: low meadows with lots of late summer wild flowers, wooded areas with canebrakes, open pasture, and a sandy/pebbly stream bottom along Massac Creek. We began by walking across an open pasture and climbing the farm gate into another pasture, which is the realm of Valentino, a large white bull, and his herd of cows, calves, and heifers. Some of the herd members were curious and came up to the fence, but Charles succeeded in scaring them away with a steely look!



The group at Streetman's farm. L to R: Charles Wright, Kevin Segebarth (front), Loran Gibson, Gerald Burnett, Bill Black, Tony Merkel, Jeff Marcus  
Photo by Tony Merkel

Butterflies were out in good numbers, but diversity was not as great as usual. The following species were logged at Streetman's Farm: *Epargyreus clarus*, *Thorybes bathyllus*, *Lerema accius*, *Ancyloxypha numitor*, *Hylephila phyleus*, *Polites themistocles*, *Wallengrenia egeremet*, *Atalopedes campestris*, *Poanes zabulon*, *Euphyes vestris metacomet*, *Papilio glaucus*, *Papilio troilus*, *Phoebis sennae*, *Strymon melinus*, *Cupido comyntas*, *Celastrina neglecta*, *Euptoieta claudia*, *Speyeria cybele*, *Polygonia interrogationis*, *Vanessa atalanta*, *Junonia coenia*, *Phyciodes tharos*, *Chlosyne nycteis*, *Limenitis arthemis astyanax*, *Limenitis archippus*, *Asterocampa celtis*, *Enodia anthedon*, *Cyllopsis gemma*, *Hermeuptychia sosybius*, *Cercyonis pegala alope*, *Danaus plexippus*.

In early afternoon, we left Paducah and moved south along U.S. Rt. 62 into Carlisle County. With Bill Black leading, we all stopped for snacks and drinks at Huck's store at the corner of U.S. Rts. 62 and 51 in Bardwell. Tony and I were last in line, and as we drove into Huck's parking lot, we saw Bill park his truck and jump out quickly as if he was on a more urgent mission than buying a Coke and a candy bar. We parked and walked to where most of our group had congregated around Bill and a large moth that was resting on the southeast wall of Huck's building. As we approached I could see what I thought was a Black Witch moth sitting on the wall. Right away, Bill remarked that it was a White Witch (*Thysania zenobia*) and that it was only the second state record of the species from Kentucky! What a find! This was by far the most exciting discovery of our field trip! I wondered how Bill recognized this rare tropical American species so readily. It was because Bill was the lepidopterist who had discovered the first Kentucky White Witch in Paducah on 23 August 1974! Thirty-four years earlier! We were all envious! After the excitement at Huck's we moved west to a sandy, Mississippi River bank in Carlisle County, near the Laketon Boat Ramp. This was a new spot for the group. It was chosen because in addition to good butterfly possibilities, there is also good tiger beetle habitat on the sandy beach area. Unfortunately, tiger beetles were not doing well on the sand. Only one species (*Cicindela repanda*) was recorded and it was not abundant. The area is being used extensively by four-wheeler enthusiasts. Such activities disturb the sand to the point that tiger beetles have trouble surviving.

Butterflies were out in good numbers on the riverbank and along the dirt road. Several new-for-the-day species were reported. Here is a complete

list: *Epargyreus clarus*, *Staphylus hayhurstii*, *Ancyloxypha numitor*, *Atalopedes campestris*, *Poanes zabulon*, *Euphyes vestris metacomet*, *Battus philenor*, *Papilio glaucus*, *Papilio troilus*, *Zerene cesonia*, *Phoebis sennae*, *Pyrisitia lisa*, *Strymon melinus*, *Cupido comyntas*, *Libytheana carinenta*, *Euptoieta claudia*, *Polygonia interrogationis*, *Polygonia comma*, *Vanessa cardui*, *Vanessa atalanta*, *Junonia coenia*, *Phyciodes tharos*, *Chlosyne nycteis*, *Limenitis arthemis astyanax*, *Limenitis archippus*, *Asterocampa celtis*, *Asterocampas clyton*, *Lethe anthedon*, *Danaus plexippus*. In addition to these, Gerald Burnett reported *Papilio polyxenes asterius* from the town of Berkley, also in Carlisle County.

From Carlisle County we continued south a short distance in late afternoon into Hickman County. On the west side of Drew Road, just north of the town of Columbus, we set out a couple of blacklight traps along the loess bluffs overlooking the Mississippi River floodplain. After deploying the light traps we were ready for dinner. We decided to dine together again at Luke's Restaurant in Arlington, KY. This was our second Society dinner at the establishment. Earlier this year, during our August *Catocala* weekend in the area, we ate at Luke's. Again, as before, we stuffed ourselves with catfish, shrimp, hushpuppies, and all of the trimmings, and washed it all down with tea and iced water. This time some of us still had room for homemade pie. It was goood!

On Sunday morning Jeff Marcus, Bill Black, Loran Gibson, Tony Merkle, Charles Wright and wife Mary Hamilton met for breakfast at Day's Inn. From there we all proceeded to the loess bluffs in Hickman County to retrieve the light traps. That did not take a lot of time. The trap pans were put into zip-lock bags and were then placed on ice in a cooler. The traps were sorted later. Few species of interest were found.

From the loess bluffs we traveled to southern Hickman County to a swampy area along Bayou du Chien and Rt. 239 where there is a substantial growth of Marsh Millet (*Zizaniopsis milaceae*). This plant is the host of the local populations of *Poanes viator*. We spent enough time in the swampy area to count a dozen or more *viator* in order to confirm that the population is still in good shape.

We then continued south and west and arrived at the Mississippi River levee west of Hickman, in Fulton County. This is the location where our group has encountered a few *Limenitis archippus* / *artemis astyanax* hybrids over the years. Bill had baited the  
(continued on page 21)

area thoroughly on Friday (5 September), so there were many nymphalid butterflies in the area. According to Bill, the bait traps had not captured as many *Limenitis* as usual, and we encountered no hybrids. The bait traps did attract greater numbers of underwing moths (*Catocala* species) than usual, including: *C. maestosa*, *C. amatrrix*, *C. lacrymosa*, *C. vidua*, and one *C. nuptialis*. The latter was a first county record.

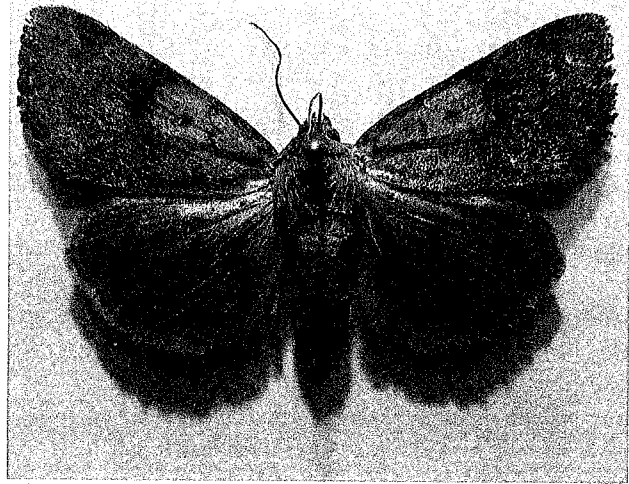
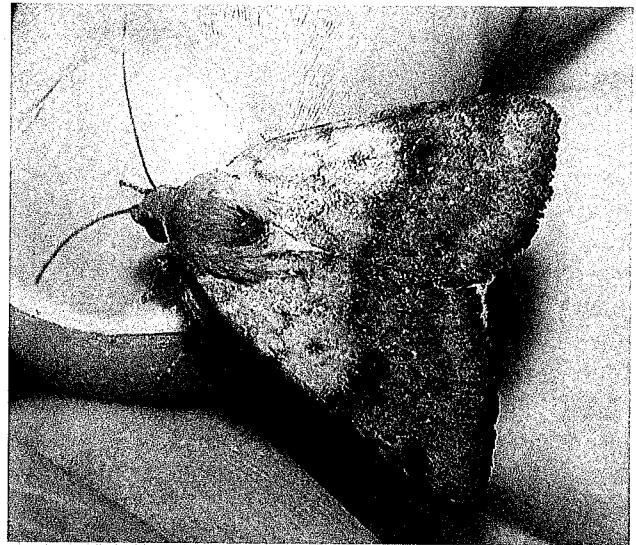
By mid-afternoon it was time for Jeff to head for home. We said our good-byes, and those remaining traveled a few miles southwest to another spot west of the levee known as French Point. Charles had collected a tiger beetle there a few years ago that we wanted to check on. The road to the spot was not obvious, so we "bushwacked" through some huge giant ragweed, poison ivy, and other weedy vegetation. Bill Black led the way through the thicket with Charles, Tony, and I following. After considerable effort, the riverbank came into view. Unfortunately, we arrived up-stream from the target locality, so we had to make our way down stream on the rip-rap stones that had been placed there to control river bank erosion. Walking on rip-rap is challenging! After a good workout the French Point sands came into view. We saw three people fishing along the river, but the sand looked undisturbed! Right away, we began to see large numbers of the very common tiger beetle, *Cicindela repanda*. After a few minutes the first individual of the big sand tiger beetle (*Cicindela formosa generosa*) appeared. This was the species that we had come to see. We collected four specimens and saw approximately a dozen. Tony and Charles took several photos of this handsome beetle. Our success made the difficulty reaching the spot worthwhile. The return trip was much easier. Bill located the old road, which led us directly to our cars.

Butterflies seen in Fulton County on 7 September were: *Epargyreus clarus*, *Pholisora catullus*, *Ancyloxypha numitor*, *Hylephila phyleus*, *Atalopedes campestris*, *Poanes zabulon*, *Battus philenor*, *Papilio glaucus*, *Pontia protodice*, *Pieris rapae*, *Colias eurytheme*, *Phoebis sennae*, *Pyrisitia lisa*, *Abaeis nicippe*, *Cupido comyntas*, *Libytheana carineta*, *Agraulis vanillae* (this on a thistle flower along Rt. 94, east of Hickman), *Polygonia interrogationis*, *Polygonia comma*, *Vanessa cardui*, *Junonia coenia*, *Phyciodes tharos*, *Limenitis arthemis astyanax*, *Limenitis archippus*, *Asterocampa celtis*, and *Danaus plexippus*.

Total butterfly species recorded during the weekend, 47.

Butterfly names follow Jonathan Pelham's new Catalogue of the Butterflies of the United States and Canada, published 2008. BioQuip sells this great volume for \$25.00. I highly recommend it!

*Heliothis turbatus*  
Collected by Richard Healy  
Hart County, KY, 27 July 2008



Photos by Richard Healy



*Hesperia leonardus*  
Photo by Loran D. Gibson

## Revised List of Kentucky Butterflies and Skippers

By

Loran D. Gibson

Recently I acquired a copy of Jonathan Pelham's new Catalogue of the Butterflies of the United States and Canada. After perusing this large, thoroughly researched volume, it became clear that the taxonomy currently in use for our Kentucky butterflies and skippers is a bit out-of-date. Following is a revised list of Kentucky species that hopefully, will reflect all the pertinent taxonomic changes and the arrangement of names found in Pelham, 2008.

Some explanation of the list's construction follows. Preceding each name in the list is a number. These are the catalogue numbers used in Pelham, 2008. They were included to better show the arrangement and relationships of the species. After the catalogue numbers come generic and specific names. A few specific names are followed by subspecific names. After specific or subspecific names are the names of the authors. These are followed by common names which, for the most part, follow Glassberg, 1999. These were included in an effort to better associate scientific and common names.

## Kentucky Butterflies and Skippers

### HESPERIIDAE

- 6 *Epargyreus clarus* (Cramer), Silver-spotted Skipper
- 22 *Urbanus proteus* (L.), Long-tailed Skipper
- 37 *Autochton cellus* (Bdv. & Le Conte), Gold-banded Skipper
- 40 *Achalarus lyciades* (Geyer), Hoary Edge
- 46 *Thorybes bathyllus* (J. E. Smith), Southern Cloudywing
- 47 *Thorybes pylades* (Scudder), Northern Cloudywing
- 48 *Thorybes confusus* E. Bell, Confused Cloudywing
- 70 *Staphylus hayhurstii* (W. H. Edwards), Hayhurst's Scallopwing
- 71 *Pholisora catullus* (F.), Common Sootywing
- 86 *Erynnis icelus* (Scudder & Burgess), Dreamy Duskywing
- 87 *Erynnis brizo* (Bdv. & Le Conte), Sleepy Duskywing
- 88 *Erynnis juvenalis* (F.), Juvenal's Duskywing
- 93 *Erynnis horatius* (Scudder & Burgess), Horace's Duskywing
- 95 *Erynnis martialis* (Scudder), Mottled Duskywing
- 97 *Erynnis zarucco* (Lucas), Zarucco Duskywing
- 98 *Erynnis funeralis* (Scudder & Burgess), Funeral Duskywing
- 99 *Erynnis baptistae* (W. Forbes), Wild Indigo Duskywing
- 100 *Erynnis lucilius* (Scudder & Burgess), Columbine Duskywing
- 113 *Pyrgus centaureae wyandot* (W. H. Edwards), Grizzled Skipper
- 117 *Pyrgus communis* (Grote), Common Checkered Skipper
- 144 *Megathymus yuccae* (Bdv. & Le Conte), Yucca Giant-Skipper
- 151 *Ancyloxypha numitor* (F.), Least Skipper
- 159 *Thymelicus lineola* (Ochsenheimer), European Skipper
- 164 *Panoquina ocola* (W. H. Edwards), Ocola Skipper
- 178 *Amblyscirtes hegon* (Scudder), Pepper and Salt Skipper
- 182 *Amblyscirtes aesculapius* (F.), Lace-winged Roadside Skipper
- 186 *Amblyscirtes vialis* (W. H. Edwards), Common Roadside-Skipper
- 189 *Amblyscirtes belli* H. Freeman, Bell's Roadside-Skipper
- 195 *Nastra lherminier* (Latreille), Swarthy Skipper
- 200 *Lerodea eufala* (W. H. Edwards), Eufala Skipper
- 202 *Lerema accius* (J. E. Smith), Clouded Skipper
- 209 *Hylephila phyleus* (Drury), Fiery Skipper
- 218 *Hesperia leonardus* T. Harris, Leonard's Skipper
- 221 *Hesperia metea* Scudder, Cobweb Skipper
- 227 *Hesperia sassacus* T. Harris, Indian Skipper
- 232 *Polites peckius* (W. Kirby), Peck's Skipper
- 236 *Polites themistocles* (Latreille), Tawny-edged Skipper
- 238 *Polites origines* (F.), Crossline Skipper
- 242 *Wallengrenia otho* (J. E. Smith), Southern Broken-Dash
- 243 *Wallengrenia egeremet* (Scudder), Northern Broken-Dash
- 244 *Pompeius verna* (W. H. Edwards), Little Glassywing
- 245 *Atalopedes campestris* (Boisduval), Sachem
- 249 *Poanes hobomok* (T. Harris), Hobomok Skipper
- 250 *Poanes zabulon* (Bdv. & Le Conte), Zabulon Skipper
- 253 *Poanes viator* (W. H. Edwards), Broad-winged Skipper
- 255 *Poanes yehl* (Skinner), Yehl Skipper
- 262 *Anatrytone logan* (W. H. Edwards), Delaware Skipper
- 269 *Euphyes dion* (W. H. Edwards), Dion Skipper
- 271 *Euphyes dukesi* (Lindsey), Dukes' Skipper
- 274 *Euphyes vestris metacomet* (T. Harris), Dun Skipper
- 276 *Atrytonopsis hianna* (Scudder), Dusted Skipper

### PAPILIONIDAE

- 294 *Battus philenor* (L.), Pipevine Swallowtail
- 295 *Battus polydamus* (L.), Polydamus Swallowtail
- 296 *Eurytides marcellus* (Cramer), Zebra Swallowtail

- 300 *Papilio joanae* J. Heitzman, Ozark Swallowtail
- 301 *Papilio polyxenes asterius* (Stoll), Black Swallowtail

- 306 *Papilio cresphontes* Cramer, Giant Swallowtail
- 315 *Papilio appalachiensis* (Pavulaan & D. Wright), Appalachian

### Swallowtail

- 316 *Papilio glaucus* L., Eastern Tiger Swallowtail
- 324 *Papilio troilus* L., Spicebush Swallowtail
- 325 *Papilio palamedes* Drury, Palamedes Swallowtail

### PIERIDAE

- 327 *Kricogonia lyside* (Godart), Lyside Sulphur
- 328 *Nathalis iole* Boisduval, Dainty Sulphur
- 331 *Eurema mexicana* (Boisduval), Mexican Yellow
- 336 *Pyrisitia lisa* (Bdv. & Le Conte), Little Sulphur
- 339 *Abaeis nicippe* (Cramer), Sleepy Orange
- 340 *Colias philodice* Godart, Clouded Sulphur
- 341 *Colias eurytheme* Boisduval, Orange Sulphur
- 358 *Zerene cesonia* (Stoll), Southern Dogface
- 362 *Phoebis sennae* (L.), Cloudless Sulphur
- 364 *Phoebis agarithe* (Boisduval), Large Orange Sulphur
- 365 *Phoebis philea* (L.), Orange-barred Sulphur
- 371 *Anthocaris midea* (Hübner), Falcate Orangetip
- 375 *Euchloe olympia* (W. H. Edwards), Olympia Marble
- 391 *Pieris virginiensis* W. H. Edwards, West Virginia White
- 392 *Pieris rapae* (L.), Cabbage White
- 394 *Pontia protodice* (Bdv. & Le Conte), Checkered White

### LYCAENIDAE

- 400 *Fenisea tarquinius* (F.), Harvester
- 401 *Lycaena phlaeas hypophlaeas* (Boisduval), American Copper
- 411 *Lycaena hyllus* (Cramer), Bronze Copper
- 422 *Atlides halesus* (Cramer), Great Purple Hairstreak
- 429 *Satyrrium acadica* (W. H. Edwards), Acadian Hairstreak
- 432 *Satyrrium titus titus* (F.), Coral Hairstreak
- 433 *Satyrrium edwardsii* (Grote & Rob.), Edwards' Hairstreak
- 434 *Satyrrium calanus falacer* (Hübner), Banded Hairstreak
- 435 *Satyrrium caryaevorus* (McDunnough), Hickory Hairstreak
- 437 *Satyrrium liparops strigosa* (T. Harris), Striped Hairstreak
- 441 *Satyrrium favonius ontario* (W. H. Edwards), Northern Hairstreak
- 456 *Callophrys gryneus* (Hübner), Olive Hairstreak
- 464 *Callophrys augustinus* (Westwood), Brown Elfin
- 468 *Callophrys irus* (Godart), Frosted Elfin
- 469 *Callophrys henrici* (Grote & Rob.), Henry's Elfin
- 471 *Callophrys niphon* (Hübner), Pine Elfin
- 478 *Calycoptis cecrops* (F.), Red-banded Hairstreak
- 480 *Strymon melinus* (Hübner), Gray Hairstreak
- 500 *Parrhasius m-album* (Bdv. & Le Conte), White M Hairstreak
- 502 *Erora laeta* (W. H. Edwards), Early Hairstreak
- 506 *Leptotes marina* (Reakirt), Marine Blue
- 510 *Cupido comyntas* (Godart), Eastern Tailed-blue
- 514 *Celastrina ladon* (Cramer), Spring Azure
- 517 *Celastrina neglecta* (W. H. Edwards), Summer Azure
- 519 *Celastrina neglectamajor* Opler & Krizek, Appalachian Azure
- 520 *Celastrina nigra* (W. Forbes), Dusky Azure
- 540 *Glaucopsyche lygdamus* (E. Doubleday), Silvery Blue

## Kentucky Butterflies and Skippers

### RIODINIDAE

- 558 *Calephelus borealis* (Grote & Rob.), Northern Metalmark  
559 *Calephelus muticum* (McAlpine), Swamp Metalmark

### NYMPHALIDAE

- 586 *Libytheana carineta* (Cramer), Snout  
588 *Danaus plexippus* (L.), Monarch  
589 *Danaus gilippus berenice* (Cramer), Queen  
593 *Limenitis arthemis arthemis* (Drury), White Admiral  
59c *Limenitis arthemis astyanax* (F.), Red-spotted Purple  
596 *Limenitis archippus* (Cramer), Viceroy  
602 *Agraulis vanillae* (L.), Gulf Fritillary  
\*\*\* *Heliconius ismenius* Latreille, Tiger Longwing  
608 *Euptoieta claudia* (Cramer), Verigated Fritillary  
612 *Boloria selene myrina* (Cramer), Silver-bordered Fritillary  
613 *Boloria bellona* (F.), Meadow Fritillary  
624 *Speyeria diana* (Cramer), Diana Fritillary  
625 *Speyeria cybele* (F.), Great Spangled Fritillary  
626 *Speyeria aphrodite* (F.), Aphrodite Fritillary  
627 *Speyeria idalia* (Drury), Regal Fritillary  
640 *Asterocampa celtis* (Bdv. & Le Conte), Hackberry Emperor  
642 *Asterocampa clyton* (Bdv. & Le Conte), Tawny Emperor  
672 *Vanessa virginiensis* (Drury), American Lady  
673 *Vanessa cardui* (L.), Painted Lady  
675 *Vanessa atalanta* (L.), Red Admiral  
677 *Aglaia milberti* (Godart), Milbert's Tortoiseshell

- 678 *Nymphalis l-album* (Esper), Compton's Tortoiseshell  
680 *Nymphalis antiopa* (L.), Mourning Cloak  
681 *Polygonia interrogationis* (F.), Question Mark  
682 *Polygonia comma* (T. Harris), Eastern Comma  
684 *Polygonia progne* (Cramer), Gray Comma  
687 *Polygonia faunus* (W. H Edwards), Green Comma  
688 *Anartia jatrophae* (L.), White Peacock  
693 *Junonia coenia* Hübner, Buckeye  
699 *Euphydryas phaeton* (Drury), Baltimore Checkerspot  
715 *Chlosyne nycteis* (E. Doubleday), Silvery Checkerspot  
716 *Chlosyne gorgone* (Hübner), Gorgone Checkerspot  
741 *Phyciodes tharos* (Drury), Pearl Crescent  
742 *Phyciodes cocyta incognitus* Gatreille, No common name  
743 *Phyciodes batesii* (Reakirt), Tawny Crescent  
747 *Anaea andria* Scudder, Goatweed Leafwing

### SATYRINAE

- 752 *Lethe portlandia missarkae* (J. Heitzman & dos Passos), Southern Pearly-eye  
753 *Lethe anhedon* A. Clark, Northern Pearly-eye  
754 *Lethe creola* (Skinner), Creole Pearly-eye  
756 *Lethe appalachia* R. Chermock, Appalachian Brown  
761 *Cyllopsis gemma* (Hübner), Gemmed Satyr  
763 *Hermeuptychia sosybius* (F.), Carolina Satyr  
768 *Megisto cymela* (Cramer), Little Wood-Satyr  
770 *Cercyonis pegala alope* (F.), Common Wood-Nymph

**Annotations:** \*\*\* indicates that *Heliconius ismenius* has no catalogue number and is not considered to be part of the fauna of the United States and Canada.

**Abbreviations:** Bdv. = Boisduval, F = Fabricius, L. = Linnaeus, Rob. = Robinson

### Literature cited:

Glassberg, J. 1999. Butterflies through Binoculars the East (A field guide to the butterflies of eastern North America). Oxford University Press, New York. 246pp.

Pelham, J. P. 2008. A catalogue of the butterflies of the United States and Canada with a complete bibliography of the descriptive and systematic literature. *J. Res. Lepid.*, Vol. 40



## MY INTRODUCTION TO KENTUCKY

By  
Charles Covell

It was July 1959, and I was a newlywed living in Norfolk, VA, teaching in a boys' day school. I was also a member of the U.S. Army Reserve, and was obliged to spend two weeks at summer camp for training at Ft. Knox, KY. I had never been to Kentucky before, and I was lucky enough to receive "TPA," which stood for an allowance to drive my car to camp. By this time my interest in collecting butterflies was again strong, after several years of hiatus. I had a part-time job that summer at the Norfolk Museum, and was surveying Virginia counties to see what I could find to add to Austin & Leila Clark's book, *Butterflies of Virginia* (1952). In that book I read that the Northern Metalmark, *Calephelis borealis*, was known from a locality just west of Blacksburg called "Poverty Hollow." That was a butterfly I had never seen in nature, so I planned my trip so as to overnight in Blacksburg. Having spent a night at the old Colonial Hotel there, I went to the VPI (Virginia Tech) campus and found the Biology Department. I was directed to invertebrate zoology professor, Dr. Perry Holt. After hearing of my query, he sent me to Dr. James M. Grayson, head of the brand new Entomology Department. I received a warm welcome, the desired directions, and an invitation to become an entomologist by attending VPI and working toward a Master's degree. The missing science courses (I had majored in English at UNC-Chapel Hill) could be made up as I went along. Dr. Grayson wanted me to curate the department's insect collection, since I had been building a Lepidoptera collection for almost ten years at that point. Thus was planted the seed that led me to VPI for both the MS and PhD, doing my research mainly under the tutelage of Dr. Ed Todd at the U.S. National Museum in Washington, DC, where I had been visiting since 1950.

After leaving Dr. Grayson's office, I drove westward and spent a couple of hours in the area of Poverty Hollow, collecting some nice butterflies but not seeing any Northern Metalmarks. They would be found later, though, when I went to VPI the next year to pursue my graduate studies.

After getting hot and tired in Poverty Hollow, I followed U.S. Route 460 Westward through the mountains of Virginia, then West Virginia. The drive seemed endless. I was due at Ft. Knox the next day, so I plowed on until at last I emerged in Kentucky for the first time - in Pikeville. It was well after dark by then, and near the highway there was a county fair going on, and a hamburger stand with bright fluorescent lights around the small building. I collected my first Kentucky moths there, and also a misguided Red-banded Hairstreak, *Calycopis cecrops*, that was perched on the white walls of the building. I then

found a very cheap hotel in the downtown, and climbed creaking steps to a room that had a tilted floor. It cost \$2.50. I was sweltering hot, tired and anxious about reaching Ft. Knox on schedule. I tried to sleep, but sleep would not come. So after about an hour I got up and left, driving on, winding deeper into Kentucky. Exhausted by about 5 AM, I pulled off the road next to a wooden fence, opened the window, and fell asleep. I awoke to the presence of a cow's head close to mine, I was so close to the fence. I drove on and managed to find a back road into the military reservation. However, it was not the correct entrance, and I found myself with my 1953 Chevy parked amidst tanks, trucks and scurrying soldiers, engaged in a field exercise. I got directions and drove to the main post, and participated in the two weeks' training. My car was allowed on the trip (the bulk of our unit went by train from Norfolk) because they wanted us to have access to Louisville and its one time stopping at a small pond near Ft. Knox in Meade County where I recorded a Red Admiral, *Vanessa atalanta*. We enjoyed downtown attractions - now mostly gone. Little did I know that 5 years later Betty and I would move to Louisville for what turned out to be a wonderful 40 years of life and Lepidoptera in Louisville and the 120 counties of Kentucky!

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### Correction

*The Great Papaipema Chase 2007*, article by Bill Black, Jr.  
Vol. 34, No. 2, *Kentucky Lepidopterist*

I apologize to the US Forest Service for wrongly blaming them in the destruction of remnant prairies along Hwy 1274 in Rowan Co., KY. One site was inside a US Forest Service gate. But the gated road was actually an access road, through private prairie lands, to adjacent US Forest Service property. These private lands have never been owned by the US Forest Service, and it would not have known of their impending destruction.

Before sending my article to the editor, I sent the fourth draft to Dr. Jonathan Smith of Morehead, asking him to review my text for accuracy. Jonathan caught my mistake, explaining to me that the US Forest Service had never owned the land in question. I appreciated the lesson in writers' need to check facts. I actually rewrote the erroneous part, entered it into the final draft, but then mistakenly emailed the uncorrected fourth draft to the editor. I was chagrined to discover my mistake when I read the published newsletter!

My apology to all,  
Bill Black, Jr.



## 2008 Annual Meeting at the University of Kentucky

The 2008 Annual Meeting of the Society of Kentucky Lepidopterists, hosted once again by Dr. Michael Sharkey, will take place October 31-November 1, on the campus of the University of Kentucky in conjunction with the Annual Meeting of the Kentucky Academy of Science (KAS). The oral presentations of our meeting on Saturday afternoon will be in the same venue as the KAS meeting and participants from either meeting will be able to attend the presentations of the other. Following is a brief outline of the weekend's agenda along with additional pertinent information:

### Friday 31 October

10:00 AM to 4:00 PM

#### Identification Day

*Entomology Dept., Agriculture Science Center North Bldg.*

The collection will be open for viewing and identification. Please bring specimens of special interest, UFOs to be identified, and any records to be added to the database.

7:00 PM

#### Reception

*E.S. Good Barn*

This will be an informal gathering hosted by Dr. Sharkey. A slide projector will be available and time set aside for the sharing of photos and/or stories from the field. **Please consider bringing snacks or desserts to share.**

### Saturday 1 November

*Entomology Department, Agriculture Science Center North Building*

9:00 AM to Noon

**Collection open for viewing**

Coffee, donuts, and fellowship

*(White Hall Classroom Building -- KAS Meeting Site)*

1:00 PM to 2:00 PM

#### Business Meeting

2:00 PM to 5:00 PM

**Featured Speaker:** Dr. Tony Frankino, from the University of Houston will be giving a presentation entitled "The evolution and development of wing morphologies in butterflies"

#### Contributed Talks and Papers

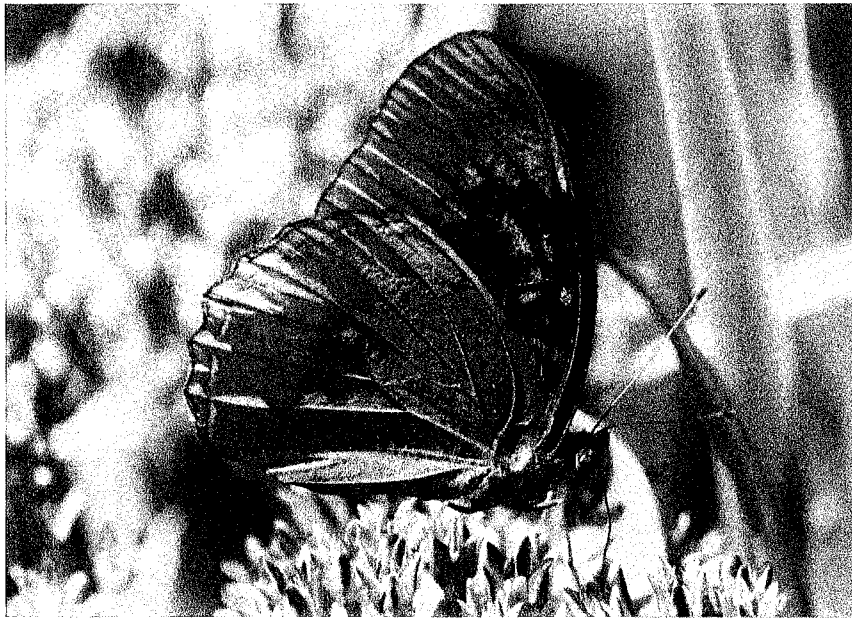
Please advise Dr. Jeffrey Marcus 270-745-2043 (Office) or 270-303-2639 (Cell), [jeffrey.marcus@wku.edu](mailto:jeffrey.marcus@wku.edu) if you have something that you would like to present.

As has been our tradition, we will end the meeting with a **door prize drawing**. Please consider bringing Lepidoptera-related items to contribute to the drawing.

EVENING

**Dinner at a local restaurant.**



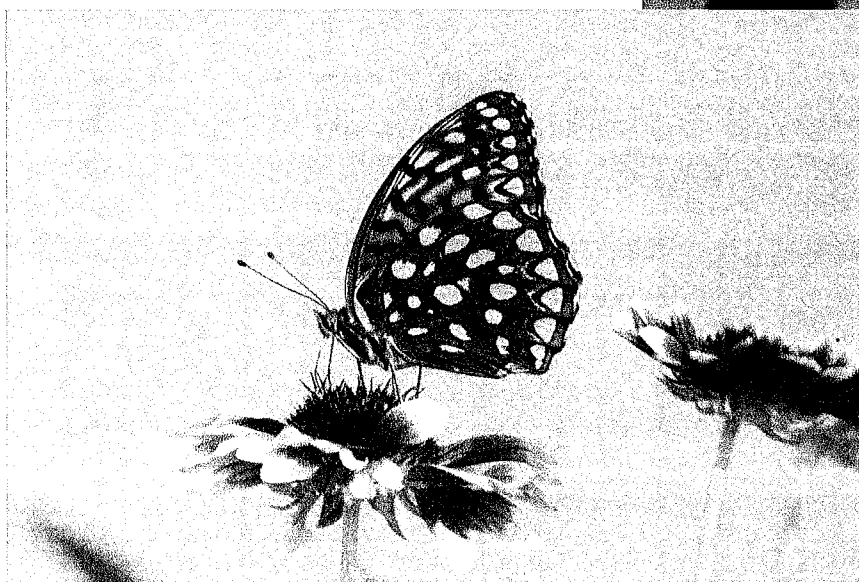
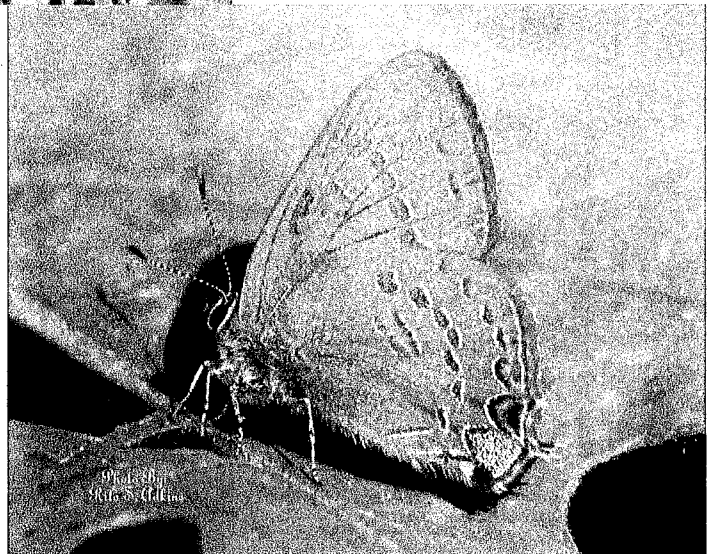


*Speyeria diana*  
**Diana**

Photographed 11 July, 2008  
by Rita Adkins

*Satyrium calanus falacer*  
**Banded Hairstreak**

Photographed 24 June, 2008  
by Rita Adkins



*Speyeria aphrodite*  
**Aphrodite Fritillary**

Photographed 13 June, 2008  
By Rita Adkins