



Kentucky Lepidopterist

Newsletter of the Society of Kentucky Lepidopterists

Volume 37 Number 4, 12 October 2011

THE SOCIETY OF KENTUCKY LEPIDOPTERISTS

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Richard Henderson - 2011*
James Adams - 2012*
* term expires

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. Dues sent to the Treasurer: Les Ferge, 7119 Hubbard Avenue, Middleton, WI 53562

38th ANNUAL MEETING OF THE SOCIETY OF KENTUCKY LEPIDOPTERISTS 11 & 12 NOVEMBER 2011 INSECT MUSEUM OF THE UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY

2010 ANNUAL MEETING SCHEDULE

Friday, 11 November 2011

9:00 AM - 4:00 PM: Insect Museum. Dimock Animal Pathology Building, 1081 V.A. Dr. (Bildg #76, University of Kentucky - Campus Map on the UK web Site: http://maps.uky.edu/printablemaps/2009_Visitor_Map.pdf) The new home of the Kentucky Lepidoptera Collection along with the University of Kentucky Insect Collection. The collection has been organized and is currently without a curator due to the funding. The collections are on a compactor which reduces floor space and has ample room for future grow. The collection will be open for viewing. During the week, parking on campus is restricted and enforced. Friday we should park in the University Hospital Parking Garage No.8, 110 Transcript Ave. at the 900 block of South Limestone. (Bldg #601, University of Kentucky - Campus Map on the UK Web Site: http://maps.uky.edu/printablemaps/2009_Visitor_Map.pdf) Buses run continuously from the parking garage to the UK Chandler Hospital to shorten the walk to Dimock Animal Pathology Building.

6:00 PM: Friday Night Get Together: A Gathering of Lepidopterists

Leroy & Betty Koehn will host the Friday Night Get Together at their home.
3000 Fairway Court
Georgetown, KY 40324
Tel: 502-542-7091

Saturday, 12 November 2011

Insect Museum - Dimock Animal Pathology Building,
1081 V.A. Dr. (Bldg #76, University of Kentucky -
Campus Map on the UK web site [http://maps.uky.edu/
printablemaps/2009_Visitor_Map.pdf](http://maps.uky.edu/printablemaps/2009_Visitor_Map.pdf)

If you would like a University of Kentucky Campus map,
please email the Editor with you name and address and a
map will be mailed to you.

9:00AM - 12:00 Noon: Collection open for viewing.
This is the time to meet old friends and make new ones.
Bring your specimens for identification.

10:40 AM: Board Meeting

12:00 Noon: Lunch Break

We will move to the Agricultural Science Center North,
Lecture Hall# N-12, 1100 South Limestone (Bildg #91,
University of Kentucky - Campus Map on the UK Web
Site: [http://maps.uky.edu/ printablemaps /2009_Visitor
Map .pdf](http://maps.uky.edu/printablemaps/2009_Visitor_Map.pdf)

1:00 PM - 2:00 PM: Business Meeting.

2:45 PM - 2:00 PM: Break

2:00 PM - 2:45 PM: Featured Speaker: Eric Quinter
of Willimantic, CT. "Papaipema: an evolutionary
perspective (or, everything you always wondered about
boring moths)".

3:00 PM - 5:00 PM: Contributed Talks and Papers, Door
Prize Drawing, and Award Presentation. Anyone wishing to
present a talk or paper should contact Bill Black: Tel: 270-
442-9587 or Email: black8808@bellsouth.net

6:00 PM: Dinner at a Local Restaurant.

FRIDAY NIGHT GET TOGETHER "A GATHERING OF LEPIDOPTERISTS"

You are invited to the home of Betty and Leroy Koehn
for the "Friday Night Get Together", beginning at 6 PM
and ending when the last person leaves. Betty will once
again serve a delightful spread from her kitchen. All diets
are off for the night. Come enjoy great food, lively
conversation and good company. You may even wish to
view Leroy's paltry collection of Lepidoptera.

DIRECTIONS TO THE KOEHN'S

From I-64: Exit 65 turn north (Coming west from
Lexington, turn Right, or from Louisville, turn Left on
Midway Rd., travel 2.2 miles on Midway Road., until it
"T's" with Iron Works Pike. Turn Left onto Iron Works
Pike and travel 0.2 miles to Soards Road. Turn Right onto
Soards Road and travel 1.2 miles to US 460 (Frankfort
Road). Turn left onto US 460 and travel 0.4 miles to
Fairway Drive (2nd road on the Right). A UV Light will
mark the road under the "Longview Estate" sign. Turn
Right onto Fairway Drive, travel 500 feet and bear to the
left onto Fairway Court. The Koehn's home is the first
house on the right. Another UV Light will light up the
driveway to the Koehn's home.

If you have a GPS guidance system, good luck. The
above directions provide the best route. If you get lost,
please call Leroy at: 502-542-7091 or 502-370-4259.
Someone will come to your rescue! See map on Pg # 21.

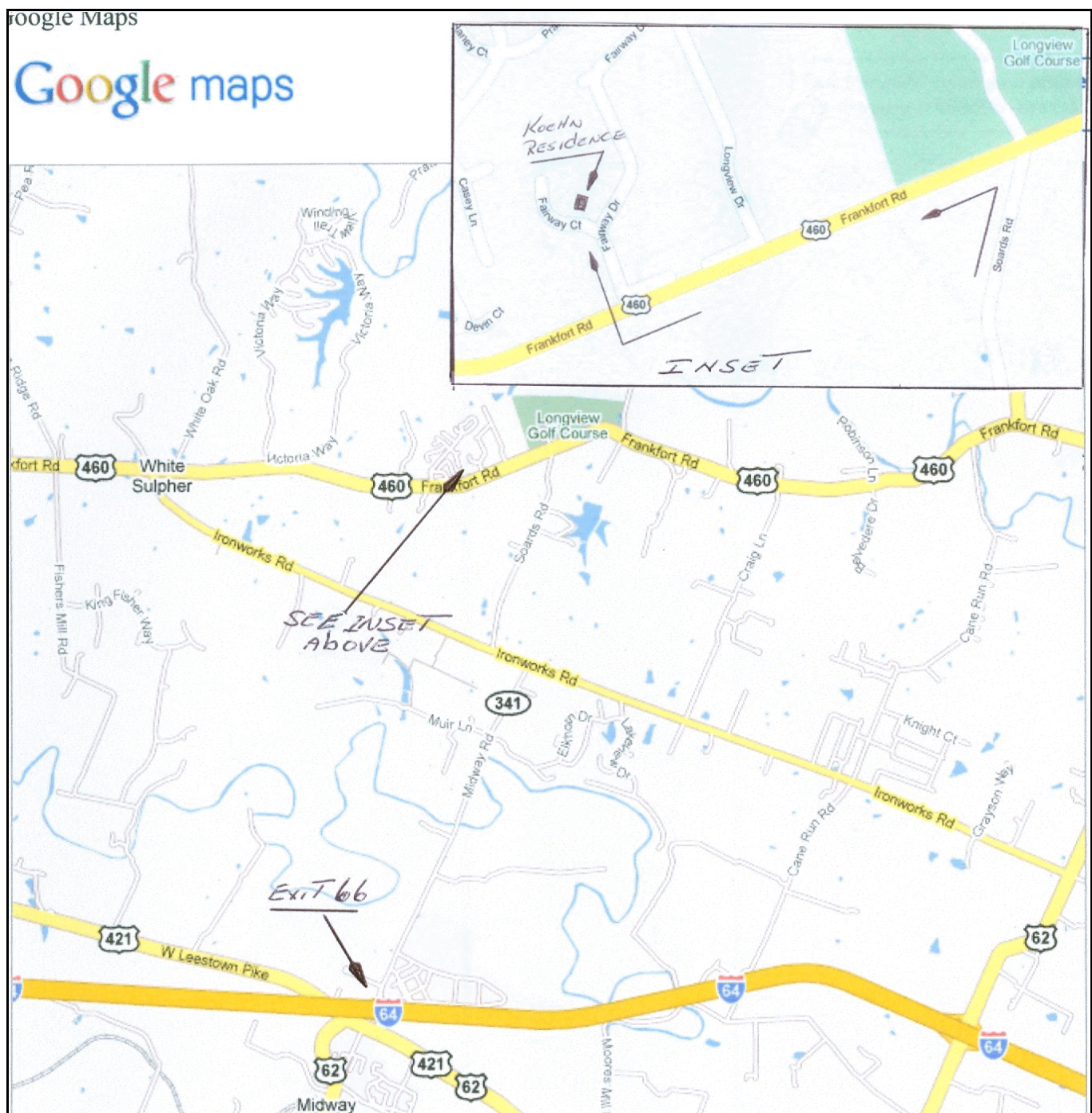
MOTEL ACCOMMODATIONS 2011 ANNUAL MEETING

Once again we have made arrangements for meeting
attendees to stay at the University Inn in Lexington, KY.
The University Inn is directly across the street from the
Agricultural Science Center North and a short walk to the
Insect Museum in the Dimock Animal Pathology
Building where the meeting will be held. A block of 10
rooms has been reserved until 1 November 2011 at a rate
of \$85.00 or \$95.00 per night (King, Queen, or two
queens). After the first of November the rooms will
become available on a first come first serve basis.

The Google Map indicates the location of the Inn. Exiting
I-64/75 at Exit 110, turn west on US60 (Winchester Rd.).
west on US60 to New Circle Rd. (Rt.4). Turn left onto
New Circle Rd. and travel south to Alumni Drive. Turn
right on Alumni Drive to Nicholasville Rd.. Turn right on
Nicholasville Rd., travel two blocks to Waller Avenue
and the University Inn will be on the NW corner of
Waller Avenue & Nicholasville Rd. (Actually, once you
cross the intersection of Waller Avenue & Nicholasville
Road, Nicholasville Road becomes South Limestone
Ave.)

Registered guests may leave their vehicles parked at the
Inn and walk to the meeting locations.

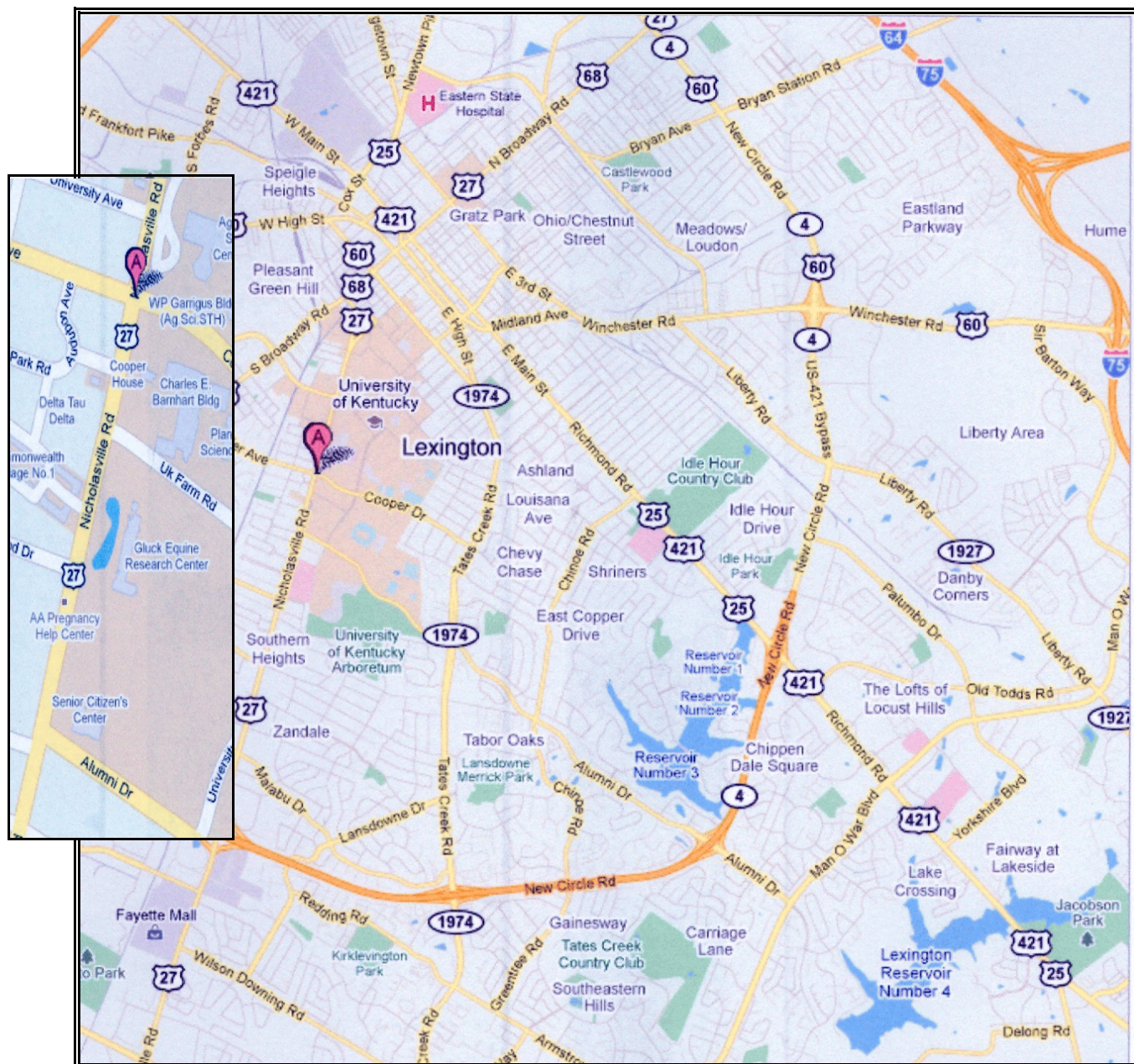
MAP TO THE KOEHN'S



Please remember, should you become lost, please call Leroy at: 502-542-7091 or 502-370-4259.
Someone will come to rescue the Lost!!

MAP TO UNIVERSITY INN

University Inn
1229 S. Limestone St.
Lexington, KY
Tel: 859-278 6625
Toll Free: 866-881-9676



FEATURED SPEAKER 2011 ANNUAL MEETING ERIC QUINTER

Eric Quinter
P.O. Box 74
Willimantic, CT 06226

BioSketch

Eric Quinter grew up in the woodlands of rural eastern Pennsylvania, where he became intimately familiar with many facets of nature. His mother was trained as a geologist, and her fascination with the natural world was transferred to him at an early age. From the time he was five years old, he was an avid stargazer, soon to be followed by an intense curiosity about the things closer at hand: rocks, minerals, fossils, birds and other wildlife – and eventually plants and insects. He had read many books about those perennial childhood favorites, the dinosaurs, but the things he could find in the neighboring woods and meadows – things which could be seen, touched, and especially collected – increasingly became the focus of his attention and interest.



By his early teen years, Eric had developed an encyclopedic knowledge of the local flora and fauna, as well as amassed an impressive collection of butterflies, moths and other insects, as well as rocks and minerals. In school however, his attention focused increasingly upon the physical sciences as he developed a passionate interest in chemistry, which he ultimately began to pursue as a career.

His earliest professional employment was as a chemist, but a subsequent appointment to a position with the Pennsylvania Department of Agriculture as an entomologist working on forest pest management and integrated biological control marked the turning point in a career which recaptured his childhood preoccupation with insects. After an interlude with the U.S. Department of Agriculture in a similar capacity, he took a new position with the American Museum of Natural History in New York City under a National Science Foundation facilities grant, where he undertook responsibilities for management and curation of one of the world's largest and best collections of Lepidoptera, which ultimately led to a permanent staff position and a thirty-year career at that institution. There, his knowledge of Lepidoptera expanded from a somewhat parochial view of the eastern North American fauna to a much more widely integrated knowledge of the world lepidopteran fauna, and led to specialization in the largest superfamily of moths, the Noctuoidea. He has traveled throughout the world on museum-sponsored expeditions, as well as conducted extensive private research afield throughout North America.

Now retired and living in northeastern Connecticut, Eric continues his research on apameine Noctuidae in earnest, also conducting a small coin business part time, as well as maintaining his private mineral museum constructed anew there. The upper floor of this facility houses his research collection, built over a 50-year span, probably the largest and most comprehensive private collection of exclusively North American Lepidoptera in existence. It seems Eric never outgrew any of his childhood interests, only expanded them. Some would say he just never grew up!

2011 FALL FIELD MEETING IN WESTERN KENTUCKY BY GERALD BURNETT

This year's annual Fall Field Meeting to Western Kentucky started on a Friday afternoon for Leroy Koehn and I with the skies overcast and threatening rain. I met Leroy in LaCenter around lunch with plans to assist setting out bait traps at the Bunge Corporation site in Hickman County in hopes of catching a Viceroy/Red-spotted Purple hybrid.

FALL FIELD MEETING PHOTOGRAPHS



Tony merkle, Jonathan Smith, Alex Bic, Don Tangren, Leory Koehn, Gerald Burnett, Bill Black & Ellis Laudermilk



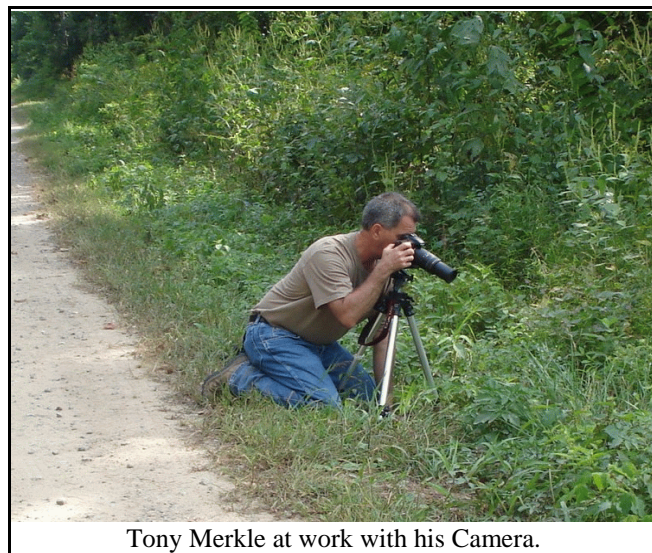
Jonathan Smith stuck is car in the sand. He seems to have difficulty with his car at field meetings.



Don Tangren Light Set Up with Jonathan Smith looking on



Don Tangren to the rescue as he pulled Jonathon Smith's car from the sand.



Tony Merkle at work with his Camera.



Gerald Burnett, Don Tangren & Alex Bic at the Bunge Corp. site

The Bunge site is famous for producing hybrids between *Limenitis archippus* (Viceroy) and *Limenitis arthemis astyanax* (Red-spotted Purple). We wouldn't be back in that area again until sometime Sunday so that would give the bait traps two days to do their work. We ran into Bill Black at the Bunge site doing the same thing we were doing so our odds of catching a hybrid this year seemed to be in our favor.

Once all the traps were set we headed back to Ballard County to David Black's lodge (The Fowler Farm) where a majority of the participants for the meeting were staying. Leroy, Jonathan Smith and Don Tangren used the spare time before the planned meal at 6 pm to set out light traps and a sheet on the nearby Ballard County WMA and the lodge yard for sampling later that night. Nancy Black once again graciously hosted the traditional evening meal at the lodge with pizza, salad and finger foods being the main attraction. Many of our members have fond memories of sitting in front of Nancy's delicious meals exchanging stories and jokes, some about Lepidoptera adventures, some not! Those in attendance were Bill and Nancy Black, David and Dawson Black, Jonathan Smith, Leroy Koehn, Don Tangren, Tony Merkle, Debbie Shelton and Gerald Burnett. As always, the after dinner talk turned to past collecting adventures and plans for the weekend. There was not a dull moment as long as Leroy and Bill were there to banter back and forth about bait trap etiquette.

The next day started with a quick breakfast at the lodge and some disappointing light trap results. One of the reasons for choosing the same location as last years fall field meeting was to see if there was a noticeable difference in species diversity and whether we could attribute any differences to the historic flood conditions that the area experienced during the spring season. The light trap numbers and overall results for the weekend were not as high as last year but these observations were not truly scientific so who knows what influence the flood had on Lepidoptera numbers.

We got a late start in the field with the first stop being a location where both *Euphyes dukesi* and *Euphyes dion* were observed last year on Ballard County WMA. Neither one showed up this year. We observed several good skippers at this location with *Pyrgus communis*, *Atrytone logan* and *Polites themistocles* seen but *Euphyes dukesi* and *Euphyes dion* were not among them.

We then hit the road around lunch and stopped for a quick snack at Huck's in Bardwell, a Carlisle County gas station that has proven to be a good wall collecting site in the past (Bill Black collected a "Black Witch" on this wall a couple of years ago during the Fall Field Meeting). Not much there this year so on to Sandy Branch in Berkley Bottoms.

The dirt/gravel road going into Sandy Branch was lined with plants in bloom on just about the whole stretch of approximately one mile. One species of butterfly that was surprisingly common for this late in the season was *Eurytides marcellus* (Zebra Swallowtail). Almost everything else we encountered were species that you would expect to encounter at this location for this time of year. One other notable sighting was *Agraulis vanillae* (Gulf Fritillary). We spent the rest of the available afternoon collecting/photographing/viewing at this location. The group wanted to be back at the lodge by 7 pm CDT since we were going to be featured on the season premier of "Kentucky Life" on KET. We met at Luke's Restaurant in Arlington for an early meal so that we would have time to set out light traps and be back in time to watch the episode. Ellis Lauder milk joined the group around 4 pm at Luke's and only he, Tony and myself were able to make it back to the lodge in time for the show. We all agreed that the group was represented well by those that appeared on the show. We were joined at the lodge that evening by one other participant, Alex Bic, a student at Purdue University who has an interest in everything Lepidoptera, especially aberrations and unique specimens. Another evening of stories and fellowship made it pass too quick. Beaver Maples and his son Alex, one of the local landowners who gave permission for Ellis to set a light trap on his property, showed up to check the group out for a few minutes. Don Tangren managed a *Pachysphinx modesta* from his sheet which he had set up at the entrance to the Wildlife Management Are. This turned out to be one of the better moth catches of the meeting.

Sunday morning brought another round of going thru the light traps and after a quick breakfast we headed to The *Poanes viator* site in Hickman County just off Hwy 239 where that butterfly has been observed on past field meetings. We were out of luck after searching for about 30 minutes with no sightings. The site was drier than in past years which made for better accessibility but we did not see a single *Poanes viator*.

We decided to move on to the Bunge site and check the bait traps for that elusive hybrid but Bill was lagging behind since he had to make a stop for his light trap in Ballard County on the way down. We arrived at Bunge just ahead of Bill but no hybrids were found. Alas, neither Leroy nor Bill got the chance to one-up the other where the hybrid issue was concerned. We decided after this stop to disband early and go our separate ways.

The meeting was enjoyed by all who attended and a final tally of species observed was 44 with Tony Merkle adding another five while traveling to and from the meeting. Ellis Lauder milk added Phyciodes phaon and four other species on Saturday before he joined the group which brings the total to 54 for the weekend. The Phyciodes phaon site was greatly diminished from last year according to Ellis and Bill and the butterfly was just "hanging on" thanks to a small island of habitat near the pump house at Lake #9 in Fulton County.

I would like to thank everyone for an enjoyable field meeting but there were noticeable absences which couldn't be helped. They were missed just the same.

The species list for the weekend is as follows:

LIST OF SPECIES

Epargyreus clarus	Eurema lisa
Pyrgus communis	Eurema nicippe
Lerema accuis	Strymon melinus
Ancyloxypha numitor	Everes comyntas
Hylephila phyleus	Celestrina argiolus ladon
Polites themistocles	Libytheana bachmanii
Wallengrenia egeremet	Agraulis vanillae
Atalopedes campestris	Euptoieta claudia
Atrytone logan	Charidryas nycteis
Poanes zabulon	Phyciodes tharos
Euphyes vestris metacomet	Polygonia interrogationis
Battus philenor	Vanessa virginiensis
Eurytides marcellus	Vanessa cardui
Papilio polyxenes asterius	Vanessa atalanta
Pterourus glaucus	Junonia coenia
Pterourus Troilu	Limenitis arthemis astyanax
Pontia protodice	Limenitis archippus
Pieris rapae	Anaea andria
Colias philodice	Asterocampa celtis
Colias eurytheme	Asterocampa clyton
Zerene cesonia	Enodia portlandia missarkae
Phoebis sennae	Danaus plexippus

A couple of members added species while traveling to and from the meeting on Friday and Sunday. Tony Merkle added Pholisora catullus, Hesperia leonardus, Amblyscirtes aesculapius, Amblyscirtes belli, and Hermeuptychia sosybius. Ellis Lauder milk added Calycopis cecrops, Speyeria cybele, Cyllopsis gemma, Cercyonis pegala, and Phyciodes phaon. On his journey home, Leroy Koehn found a wing worn Catocala whitneyi on the wall of a gas station at the Leitchfield exit on the Western Kentucky Parkway in Grayson County.

It was a great field meeting.

2011 ANNUAL JULY 4TH BUTTERFLY COUNT BY DR. CHARLES V. COVELL JR.

On July 9th the annual "July 4th Butterfly Count" was held in fields and forests on the Bob Horner and University of Louisville farm property near Brownsboro, Oldham Co., KY. We had over 40 people in attendance. High was 88, low 71. Partly cloudy, with wind from west about 5 mph. Hot and humid. My sister Alice brought her grand-daughter Monica, and she did very well for the first 2 hours in the big field. Our results were as follows: Epargyreus clarus, 1; Erynnis horatius, 7; Erynnis baptisiae, 35; Ancyloxypha numitor, 3; Polites peckius, 7; Polites themistocles, 3; Wallengrenia egeremet, 1; Atrytone logan, 2; Poanes zabulon, 2; Battus philenor, 5; Papilio polyxenes asterius, 1; Papilio glaucus, 5; Papilio troilus, 10; Pieris rapae, 29; Colias philodice, 16; Colias eurytheme, 65; Callophrys grynea, 1; Strymon melinus, 2; Cupido comyntas, 204; Celastrina neglecta, 1; Libytheana carinenta, 3; Speyeria cybele 13; Polygonia interrogationis, 2; Vanessa virginiensis, 1; Junonia coenia, 8; Phyciodes tharos, 30; Chlosyne nycteis, 2; Limenitis arthemis astyanax, 2; Asterocampa celtis, 1; Asterocampa clyton, 1; Enodia anthedon, 2; Cyllpsis gemma, 2; Hermeuptychia sosybius, 1; Megisto cymela, 110; Cercyonis pegala alope, 198.

Total: 35 species, 777 individuals.

There was coverage by a photographer and writer for Oldham Era.

Group leaders assisting Dr. Covell were Rich Henderson, Loran Gibson, and Bill Black. Others present included Dr. Bill Pearson, Bill and Carolyn Phillips, Jan Sky, Andrea Peace, Kerry Jones, Carol Anne and Carrie Lorenz, David McCarty (group leader), Jennifer Mansfield-Jones, Joe and Dan Ratterman, Anne Farmer, Max and Megan Farmer, Mary and Claire Hillebrand, Jen Tucci, Steve Wagner, Martin and Jane Williams, Richard Henderson Jr. (took group photo), Travon Henderson, Phyllis Sosa, Nancy Morris, Charlie Covell, Margarette Perkins, William D. Pearson, Phaedra and Trinity Jones, William Rollins, Andrea Almeida, Jeremy and James Sublett, Josh and Spencer Sublett, Alice Covell, and Monica Mahoney.

I think this is the largest group we have ever had for this event.



Participant of the 2011 Fourth of July Butterfly Count

WELCOME NEW MEMBERS

Deborah Shelton
3724 Alameda Dr.
Paducah KY 42001

Jay Timberlake
5780 Adams Rd. NW
Depauw IN 47115

GHOST MOTH REPORT

Rita Adkins reported a Ghost Moth (Hepialidae) Sthenopis auratus on the wall of their Gas Station in Frenchburg, Menifee County on 4 June 2011.

Rita also reported that nearly all butterfly numbers were very low this year. She only found 63 species of butterflies this season. Her normal is about 68 species per year. Rita believes that this has been a rather poor year for butterflies in general.



Sthenopis auratus



Sthenopis auratus