



# *Kentucky Lepidopterist*

*Newsletter of the Society of Kentucky Lepidopterists*

*Volume 42 Number 3 14 October 2016*

## **2016 ANNUAL MEETING OF THE SOCIETY OF KENTUCKY LEPIDOPTERISTS 11 & 12 NOVEMBER 2016 INSECT MUSEUM OF THE UNIVERSITY OF KENTUCKY LEXINGTON, KENTUCKY**

### **2016 ANNUAL MEETING SCHEDULE**

#### **Friday, 11 November 2016**

**9:00 AM - 4:00 PM:** 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/VisitorMap.pdf>. The Insect Museum at the University of Kentucky is the home of the Kentucky Lepidoptera Collection along with the University of Kentucky Insect Collection. The collections are on a compactor which reduces floor space and has ample room for future growth. The collection will be open for viewing. During the week, parking on campus is restricted and enforced. Parking options: You can leave your vehicle at the University Inn providing you are a guest. From the University Inn to the Insect Museum is a short walk. Or you can 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/VisitorMap.pdf> Buses run continuously from the parking garage to the UK Chandler Hospital to shorten the walk to Dimock Animal Pathology Building.

**1:00PM** Board Meeting: The Board Meeting has once again been changed from Saturday to Friday. This will allow the Officer to participate in Saturdays activities.

**6:00 PM:** Friday Night Get Together, A Gathering of Lepidopterists: will be held in the Lobby Area of the Agricultural Science Center North on the campus of the University of Kentucky from 6:00PM until 9.30PM. Food and drink will be provided. This is a time to get together and enjoy the conversation and company of other Lepidopterists. The Lobby of the Agricultural Science Center North is just a short walk across the street from the University Inn.

The Agricultural Science Center North is located at directly across the street from the University Inn on the campus of University of Kentucky - 1100 South Limestone, (Bldg #91, University of Kentucky -Campus Map on the UK Web Site: <http://maps.uky.edu/printablemaps/VisitorMap.pdf> ). It is a very short walk from the motel. See the map below (Motel Accommodations).

Are you interested in serving as an officer for the Society? If you are, please let our President, James Adams know. Email: [jadams@daltonstate.edu](mailto:jadams@daltonstate.edu); Tel: 706-602-6993

**THE SOCIETY  
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LEPIDOPTERISTS**

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**AT-LARGE MEMBERS**

Loran Gibson - 2016\*  
Richard Henderson - 2018\*  
Don Tangren - 2016\*  
\* 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: \$15.00. Dues sent to the Treasurer: Les Ferge, 7119 Hubbard Avenue, Middleton, WI 53562

**Saturday, 12 November 2016**

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/VisitorMap.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 will be open for viewing. This is the time to meet old friends and make new ones. Bring your specimens for identification or some that you have collected for show and tell.

**12:00 Noon:** Lunch Break

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

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

**2:45 PM - 2:00 PM:** Break

**2:00 PM - 2:45 PM:** Featured Speaker: Tony McBride will be our featured speaker. His presentation will be on Papaipema Moths. His talk will include habitats, larval host plants, distribution and methods of collecting.

**6:30 PM - 5:00 PM:** Contributed Talks and Papers, Door Prize Drawing, and Award Presentation. Anyone wishing to present a talk or paper should contact: James Adams: Tel: 706-602-6993 or email: [jadams@em.daltonstate.edu](mailto:jadams@em.daltonstate.edu).

**6:00 PM:** We will have dinner at a local Restaurant.

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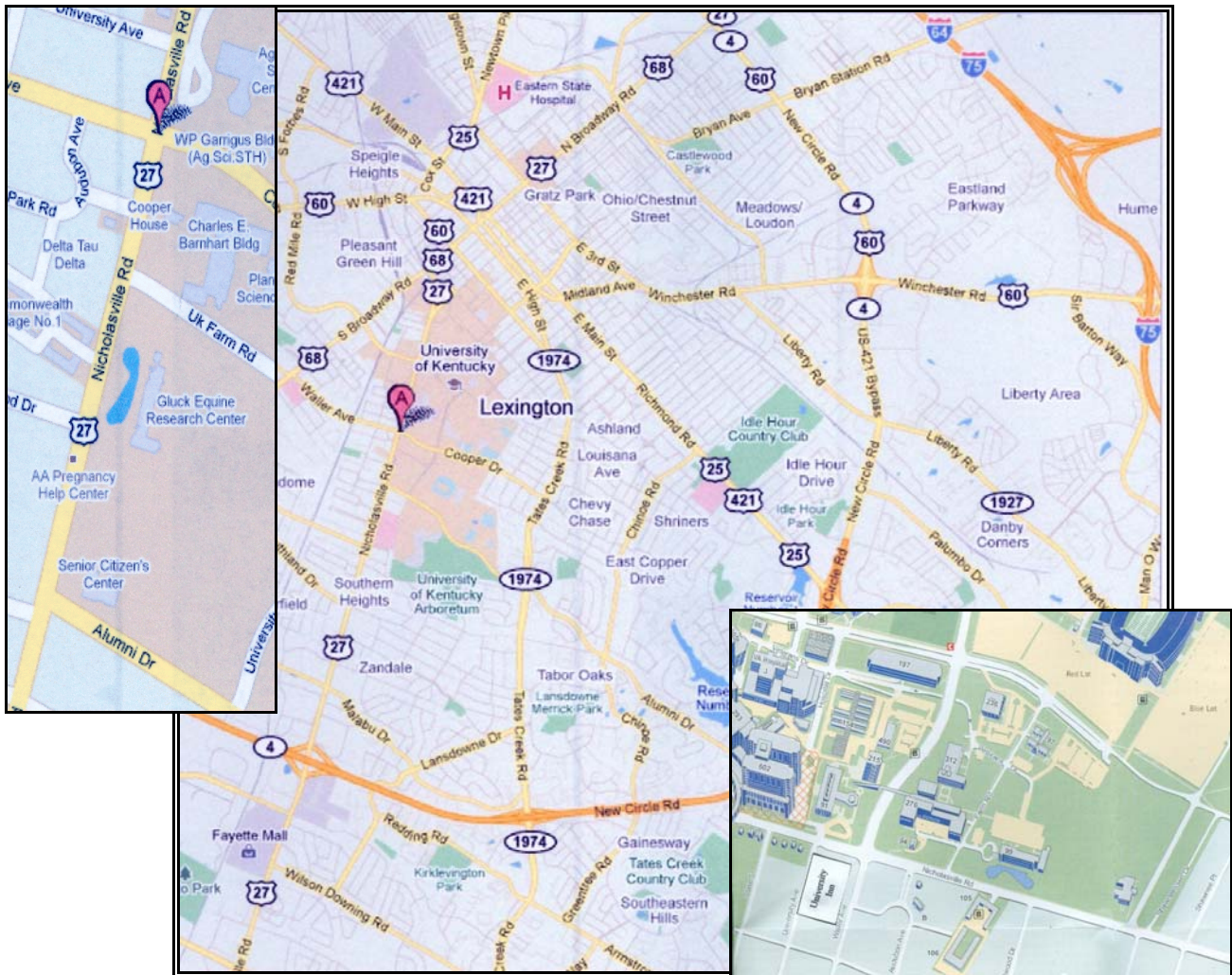
**MOTEL ACCOMMODATIONS  
2016 ANNUAL MEETING**

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 25 rooms has been reserved until 1 November 2016 at a rate of \$92.00 per night (King or two Queens). After 1 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.)

**University Inn, 1229 S. Limestone St. Lexington, KY**

Tel: 859-278 6625 - Toll Free: 866-881-9676



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**FRIDAY & SATURDAY ACTIVITIES**

As mentioned above, the Insect Collection will be open for viewing and to identify specimens on Friday, 11 November 2016 and Saturday Morning 12 November 2016. We encourage you to bring specimens to identify and “show & tell”.

There will be many Lepidopterists present who can identify specimens or determine specimens in photographs. You may also bring books, equipment and specimens to sell or trade. Snacks, coffee and soft drinks will be provided.

This should be a great meeting. Plan now to attend. Should you have any questions or need assistance or directions, contact Leroy C. Koehn: Tel: 502-542-7091 or Email: [Lepttraps @ aol.com](mailto:Lepttraps@aol.com)

## TONY McBRIDE BIO-SKETCH

I was born in Rhode Island and reared in southeastern Massachusetts. I've been interested in moths and butterflies since I was about 7 and started a collection of moths and butterflies at age 10 (my first mounting supplies came from "The Butterfly Company" in Far Rockaway, NY - though instead of insect pins I found it more convenient and less expensive to "borrow" my mom's sewing pins).

I moved to New Jersey in 1990 to pursue an undergraduate degree in Natural Resource Management from Rutgers University. Since graduation, I've been employed as a biologist with the NJ Division of Fish and Wildlife. My job duties include supervising our black bear program, wild turkey program, wildlife control unit, and falconry program.



Tony McBride: Searching for larva

I have two teenage children, a son and daughter ages 17 and 16, who often accompany me in the field searching for leps, and who also actively hunt, fish, and trap.

All the while I've continued studying Lepidoptera in my spare time. In the early 2000s, Dale Schweitzer encouraged me to search for moths in the genus

Papaipema, as New Jersey was once home to some 30 species, many of which have disappeared from our region. Once I learned to separate Papaipema activorens from Papaipema baptisiae, I was hooked. I've been fortunate to spend time in the field and learn from my friends Eric Quinter and Jim Wiker, who study these moths as well. In 2009, I obtained my Masters in Biology/Entomology from East Stroudsburg University of PA and studied Papaipema for my thesis.

I will continue working on this genus and related genera to expand our knowledge of life histories and to help conserve important habitats for these insects.

Tony's presentation: Larval Habits, Haunts, and Hosts of Papaipema and Relatives.

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## WESTERN KENTUCKY WMA FIELD MEETING REPORT

The late August field meeting at West Kentucky WMA started with me (Gerald) meeting Bill Black at the Area clubhouse about 2 pm on Friday the 23<sup>rd</sup> of August. I had already had an opportunity to tally about 10 species of butterflies (it seemed as if we were in a peak butterfly/moth cycle because of all the recent rains) when Bill arrived. We decided to take a tour of the river side of the WMA and look for possible light/bait trapping locations before it got too late. Tony Merkle was scheduled to attend but he would not arrive till later that night. We witnessed several "mud puddle clubs" as we meandered along the gravel road to the river and it threatened rain the whole afternoon (we could hear the thunder in the distance) but it never reached us. We had reached the end of the road and had decided to turn around and head back when we passed a familiar face in an unfamiliar vehicle. Charles Wright surprised us and Bill threw his truck in reverse when we recognized him (you'll have to ask Charles what happened to the old vehicle, he tells the story much better than I can!). All three of us spent the afternoon helping Bill put out a couple of bait traps and a couple of light traps. It started getting late and we separated so that I could put out a light trap in an interesting prairie site that I had pre-selected. Since Tony wasn't expected to arrive till about 8 pm we made plans to meet back at the hotel in Paducah about that time. The group dined at "Backwoods BBQ", one of Charles Wright's favorite places when he comes to Paducah.

We met back at the clubhouse the following Saturday morning and decided to spend the morning there sorting through our traps. It was very hot over the weekend and the WMA (and Wes Macfaddin, the local private lands biologist for KDFWR) did us a huge favor by giving us a key to the air-conditioned clubhouse. We were there till almost lunch so Tony and I (and Charles later) decided to check out the prairie next to Hwy 358. There were a lot of plants that I was unfamiliar with that I had never seen anywhere else on this end of the state. Present were *Liatris* sp., *Skullcap* sp., *Milkweed* sp., & *Sunflower* sp., all of which were unfamiliar. Afterward we re-grouped at the clubhouse and decided to check out a “natural area” that has what is described as an “old growth” stand of timber. Big mistake that I take the total blame for since there were almost no leps, billions of mosquitoes, and 90+ degrees!!! We made it into the edge of the stand (we think) and decided to exit before going any deeper, it just wasn’t worth it. Our afternoon ended with us trekking to the riverbank where Tony found some willing Red-spotted Purples posing for photographs while Bill, Charles and I lounged on the bank watching tiger beetles. We were all very tired and ready to call it an evening. We ended up dining at Los Garcia, probably the finest Mexican restaurant in Paducah.

Here is a list of the 31 butterfly species we encountered Friday and Saturday. *Battus philenor* (Pipevine Swallowtail), *Papilio polyxenes* (Black Swallowtail), *Papilio Troilus* (Spicebush Swallowtail), *Papilio Glaucus* (Eastern Tiger Swallowtail), *Colias sp.* (Sulphur sp.), *Eurema lisa* (Little Yellow), *Eurema nicippe* (Sleepy Orange), *Phoebis Sennae* (Cloudless Sulphur), *Strymon melinus* (Gray Hairstreak), *Celastrina ladon neglecta* (Summer Azure), *Everes comyntas* (Eastern Tailed-blue), *Euptoietia claudia* (Variegated Fritillary), *Phyciodes tharos* (Pearl Crescent), *Polygonia comma* (Eastern Comma), *Vanessa atalanta* (Red Admiral), *Libytheana carinenta* (American Snout), *Junonia coenia* (Common Buckeye), *Limenitis arthemis astyanax* (Red-spotted Purple), *Limenitis archippus* (Viceroy) *Polygonia interrogationis* (Question Mark), *Asterocampa celtis* (Hackberry Emperor), *Asterocamps clyton* (Tawny Emperor), *Cyllopsis gemma* (Gemma Satyr), *Danaus plexippus* (Monarch), *Epargyreus clarus* (Silver-spotted Skipper), *Erynnis horatius* (Horace’s Duskywing), *Ancyloxypha numitor* (Least Skipper), *Hylephila phyleus* (Fiery Skipper), *Atalopedes campestris* (Sachem), *Polites origenes* (Crossline Skipper), *Anatrytone logan* (Delaware Skipper). Tony (and Bill) added 4 more to the list on Sunday. *Pholisora catullus* (Common Sootywing), *Polites themistocles* (Tawny-edge Skipper), *Lerema accius* (Clouded Skipper), & *Euphyes dukesi* (Duke’s Skipper).

Without Tony’s help most of the skippers would probably not have been identified! Thanks, Tony!

### THE FOLLOWING PHOTOGRAPHS FROM THE WEST KENTUCKY WMA FIELD MEETING BY TONY MERKLE



Bill Black, Gerald Burnett, Charles Wright and Tony Merkle



*Anatrytone logan*: Fiery Skipper



*Euphyes dukesi*



Larva of Hemaris diffinis: Snowberry Clearwing



Celastrina ladon neglecta visiting moist mud.



Some of the moths from Gerald Burnett's Light Trap.



Chlosyne nycteus Silvery Checkerspoy

**COLOR VARIATION OR HYBRID**

The two specimens below were collected in a Bait Trap along North Elkhorn Creek, Scott County Kentucky by your Editor on 26 & 28 August 2016. The top specimen has extensive orange on the ventral side and is bright in appearance on the dorsal side. The orange on the ventral side of the lower specimen is not as extensive and has an orangish area on the tip of the dorsal forewing. The overall appearance is rather dull.

Are this just a color variation or a Hybrid?



26 August 2016



28 August 2016

The photograph of Limenitis arthemis astyanax below are from the Field Meeting in West Kentucky WMA



Limenitis arthemis astyanax Red Spotted Purple  
Photograph by Tony Merkle

## OAK GROVE BUTTERFLY FESTIVAL

The 8<sup>th</sup> Annual Oak Grove Butterfly Festival was Saturday September 26, 2016. The weather was perfect, sunny and bright. Your Editor, Leroy Koehn and his wife Betty and Tom Pyane and his wife Nancy set up there displays in the shade of some large trees next to the Butterfly House. The gates opened at 11AM and by the end of the day 5PM, well over 8,000 people had attended the festival. We set out 200 membership applications and 100 copies of old and 50 copies of current Society of Kentucky Lepidopterists Newsletters. All were gone within two hours.



Tom Payne, Leroy & Betty Koehn

They released 900 Monarchs to end the Festival. It was a great time to meet the public and introduce many to Lepidoptera. Tom Payne and Leroy Koehn brought drawers of specimens to display. They answered numerous questions. Leroy brought several Pupae of Spingids to explain the life cycle of Lepidoptera.



Society of Kentucky Lepidopterists Booth at the Oak Grove Butterfly Festival



The Society of Kentucky Lepidopterists Booth at the Oak Grove Butterfly Festival.

## NEWSLETTER UP DATE

### NEWSLETTER ARTICLES

Your Editor needs your help. I need articles, short or long or anything in between. Photographs, humor, story's, true or otherwise, collecting techniques, equipment or anything related to Lepidoptera. or Lepidopterist, please send it to your Editor:

Leroy C. Koehn  
 3000 Fairway Court  
 Georgetown, KY 40324  
 Email: Leptraps @ aol.com



BUTTERFLY BEER

## SUGGESTIONS FOR 2017 FIELD MEETINGS

Where and when would you like to have a 2017 Field Meeting? Would you be willing to plan, lead and host a field meeting? If you are, please contact our Field Trip Coordinator, Charles Wright at Email: mary@maryhamilton.info.



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The Society of Kentucky Lepidopterists Newsletter is published four times annually. Membership dues are as follows:

- Regular Membership (Paper copy of Newsletter)\$15.00 per year
- Regular Membership (Email copy of Newsletter only)\$15.00 per year
- Sustaining Membership (Paper copy of Newsletter)\$25.00 per year
- Sustaining Membership (Email copy of Newsletter only)\$25.00 per year

The organization is open to anyone with an interest in the Lepidoptera of the State of Kentucky. Information about the Society may be obtained from and dues sent to: Les Ferge, Treasurer, 7119 Hubbard Ave., Middleton, WI 53562-3231

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