

Kentucky Lepidopterist

Newsletter of the Society of Kentucky Lepidopterists

Volume 28 Number 1 8 March 2002

THE SOCIETY OF KENTUCKY LEPIDOPTERISTS

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Kevin Segebarth
Dr. James K. Adams - 2003*
* 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

SPRING AND SUMMER FIELD TRIP ANNOUNCEMENTS

SPRING FIELD MEETING IN MCCREARY COUNTY

The Society of Kentucky Lepidopterists will hold a spring field meeting the weekend of 11, 12 & 13 April 2003 in McCreary County in the south central area of the state. We visited this area last spring, however, the weather was not favorable. We had a mixture of cloud, rain and sun on Saturday and an all day rain on Sunday. We did find a number of species that are not well known from the state. These include: Incisalia augustinus, Glaucopsyche lydamus and Pieris virginiensis. There are other species that should occur in the area and they include: Erynnis martialis, Amblyscirtes vialis, Hesperia metea, Amblyscirtes hegon, Euchloe olympia, Incisalia irus, Erora laetus, Parrhasius m-album, Celastrina nigra, and Insicialia niphon. We will also sample the moth population at several locations in the Daniel Boone National Forest. Hopefully, the weather will cooperate this spring.

We will meet Saturday morning, 13 April, at 8:00AM in the Blue Heron Restaurant which is adjacent to the Parkland Motel located at 1950 South Hwy 27 (US 27) in Stearns. (See map on Pg.# 2). It is approximately a 15 minute drive to the locations in McCreary County. We will spend the entire day in the area. This is a remote area, there a few eating establishment and it is recommended that enough food and drink should be packed for the entire day. Most roads in the area are in good condition, however, there are some rough roads in several of the locations and we will attempt to avoid these roads and/or travel them by foot when possible. There are some interesting geological formations in the area including several small natural bridges.

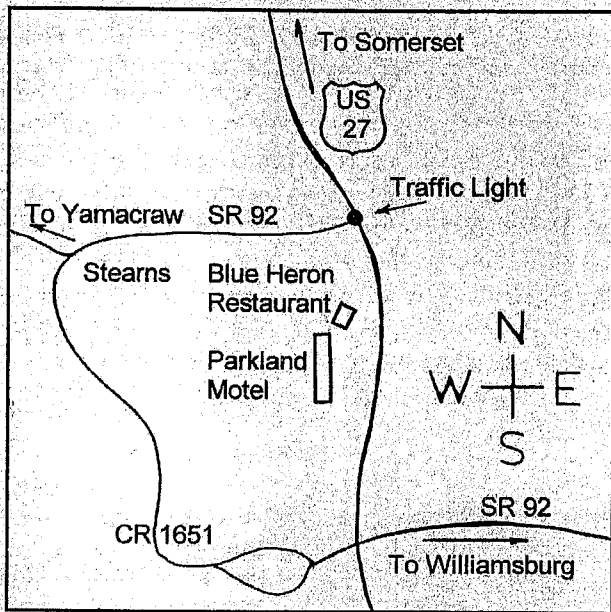
Sunday, 14 April, we will once again meet at 8:00AM in the Blue Heron Restaurant which is adjacent to the Parkland Motel and determine where we will spend the day.

We have made arrangements with the Parkland Motel for a group room rate of \$35.00 per night for one person and \$41.00 for a double. If you are planning to stay at the Parkland Motel, you must make a reservation prior to 7 April to obtain the rate. For reservations: Local: 606-376-5046 or Toll Free: 866-376-9277 or visit their web site at www.parklandmotel.com. Tell them you are with the Society of Kentucky Lepidopterist to receive the special rate.

If you would like additional information and maps of the area that we will be visiting, the Daniel Boone National Forest has a website: www.southernregion.fs.fed.us/boone/trailste.htm. The website contains color maps of the forest area in McCreary County. These maps can be downloaded and printed in color. The website also contains additional information on activities, attractions, and camping in the Daniel Boone National Forest.

This should be an exciting and enjoyable meeting. If you need additional information, contact Leroy C. Koehn: Hm.: 502-570-9123; Cell: 502-803-5422; Office: 502-863-0291 Ext 108; or via E-mail at: Leptraps@aol.com.

DIRECTION TO STEARNS AND THE PARKLAND MOTEL



JOURNEY TO McCREARY COUNTY

On the Thursday and Friday (9 & 10 April) prior to the spring meeting, I will once again be traveling and collecting my way to McCreary County via Rockcastle, Laurel, and Whitley counties. I will be looking for Erynnis lucillius, Erynnis martialis, Amblyscirtes vialis, Euchloe olympia, Incisalia irus, and Erora laetus. I scouted these counties a number of times last year and found some areas with excellent habitat that should have great potential for the species listed above. I will arrive at the parkland Motel around 4PM Friday to set out several Light Traps in the Daniel Boone National Forest.

If you are interested and wish to join me for part or all of this fast paced journey or to help set out the Light Traps on Friday, please contact me before April 8, 2003, Leroy C. Koehn: Hm.: 502-570-9123; Cell: 502-803-5422; or via E-mail at: Leptraps@aol.com.

SUMMER FIELD TRIP TO PENNYRILE STATE FOREST

FIELD TRIP LEADER: Loran Gibson

DATES: 30-31 May and 1 June 2003

LOCATIONS: Vicinity of Dawson Springs, KY; Pennyrile Forest State Park; Pennyrile State Forest; and Tradewater Wildlife Management Area; Christian and Hopkins Counties KY.

DIRECTIONS: Follow Western Kentucky Parkway to Dawson Springs exit. Turn south on KY 109. Follow KY 109 into Dawson Springs and turn right (west) on US Rt. 62 and KY 109. Follow US Rt. 62 and KY109 into the center of town and then turn left (south) on KY 109 again. Follow KY 109 for approximately six miles and turn right (west) at the Pennyrile Forest State Park sign. Follow the main park road to the Pennyrile Lodge sign and turn right to the Lodge.

ACCOMMODATIONS: Camping is available at Pennyrile Forest State Park on a first-come-first-served basis. Fee is approximately \$12.00 / night, \$3.00 per additional person. Motels in the area are scarce. I will list three here: Pennyrile Lodge in the State Park is very nice, and in high demand. Make reservations early if you expect to stay in the Lodge or Cabins. Lodge rooms are \$59.95-\$69.95 per night. Cabins rent for \$97.95 per night for a one bedroom, \$117.95 for a two bedroom. The toll-free reservations number is: 800-325-1711. The Springs Inn is a tiny motel located in the town of Dawson Springs. I do not have details on this establishment at this time, but it looks clean from the road. The Stratton Inn in Princeton, KY (a few miles west on Western Kentucky Parkway, at exit 12) is very nice for the price of \$44.00 - \$53.00 per night. For information / reservations call 270-365-2828.

RESTAURANTS: The Lodge Restaurant in the State Park is open for breakfast, lunch, and dinner. Dawson Springs has a few fast food restaurants including a Hardees and a Dairy Queen. There are also a couple of local restaurants.

ITINERARY: Friday evening (30 May), 6:00 p.m. Central Time, 7:00 p.m. Eastern Time. Meet at the Lodge in the State Park for discussing plans for blacklighting. We have no permit for collecting on State Park property, so all collecting sites will be in the nearby State Forest and Wildlife Management areas. Those wishing to dine together could have dinner at the Lodge Restaurant.

Saturday morning (31 May), 9:30 a.m. Central Time, 10:30 a.m. Eastern Time. Meet at the Lodge in the State Park for planning the day's search for butterflies. This hour should give moth collectors time to collect their traps from Friday night, and late arrivals ample time to drive to the Park. Bring your own lunch and water. We will be within a few miles of the Park and Dawson Springs for the whole day.

Saturday Evening (31 May), 6:00 p.m. Central Time, 7:00 p.m. Eastern Time. Meet at the Lodge once again to make plans for evening blacklighting.

Sunday Morning (1 June), 9:00 a.m. Central Time, 10:00 Eastern Time. Meet at the Lodge in the Park to plan the day.

A NOTE ABOUT TICKS: This area of Kentucky has a substantial population of the Lonestar Tick (Amblyoma americanum). At this time of year you may find three sizes of these ticks, six legged nymph, eight legged nymph, and adult. All three are blood suckers. The two sizes of nymphs are the so-called seed ticks or turkey mites. Please bring plenty of insect repellent with high proportions of deet. Spraying an complete outfit of outdoor clothing (socks, pants, and shirt) with Permanone type insect repellent at least 24 hours before going into the field is the best defense against these pests. Permanone is a Pyrethrin-like product available at Walmart and other stores. It must be applied to clothing and then be allowed to dry before wearing the clothes. This product actually kills ticks. It is always a good idea to keep pants cuffs tucked inside socks and shirttails tucked inside of pants.

Hopefully, we will have good weather and be able to find some of the interesting species of butterflies known to occur here.

The following is a list of butterflies seen in the area during 25-26 May 2002 by Tony Merkle and Loran Gibson: Epargyreus clarus, Achalarus lyciades, Thorybes pylades, Erynnis icelus, E. brizo, Nastra lherminier, Ancyloxypha numitor, Polites themistocles, Wallengrenia egeremet, Pompeius verna, Poanes hobomok, Poanes zabulon, Euphyes ruricola, Atrytonopsis hianna, Amblyscirtes hegon, A. vialis, A. belli, Battus philenor, Pterourus glaucus, P. troilus, Eurytides marcellus, Pieris rapae, Colias eurytheme, Eurema nicippe, Satyrium calanus falacer, Satyrium favonius ontario, Parrhasius m-album, Celastrina neglecta, Speyeria cybele, Polygonia interrogationis, Polygonia comma, Vanessa atalanta, Phyciodes tharos, Chlosyne nycteis, Liminitis arthemis astyanax, Anaea andria, Asterocampa celtis, Enodia creola, Satyrodes appalachia, Hermeuptychia sosybius, and Megisto cymela.

Please be conservative with collections of the rarer species, especially Satyrium favonius ontario. Give the next person a chance to enjoy the species!

Please reply to Loran Gibson if you plan to attend the field trip. Please contact me at: Loran D. Gibson, 2727 Running Creek Drive, Florence, KY 41042-8984; E-mail: kymothman@fuse.net, Telephone: 859-384-0083

LATE SUMMER FIELD MEETING TO WESTERN KENTUCKY

A late summer field meeting is planned for the weekend of September 5,6,& 7. The fall field meeting to western Kentucky has become an annual tradition. Hosted by Bill Black, we will visit some of our favorite spots and search for Atlides halesus, Poanes yehl, Euphyes dion, and to search for larva and pupa of the cane feeding Papapiema moths. We will also visit the Littleville Euphyes dukesi location. Bill Black is currently investigating a new location fondly known as Blood River which is southeast of Murray in Calloway County. Bill Black and Leroy Koehn visited the Blood River area last October and found Papapiema new species #4. Mark your calendar and plan on joining us in Paducah in early September.

There will be more information in the next issue of the newsletter.

MESSAGE FROM THE PRESIDENT

Dear fellow members,

Are you like me, tired of winter and ready for spring? As I put together this note, we've got anywhere from 6 to 16 inches of snow here in central Ohio, and many of you in Kentucky and surrounding states are reeling from a significant ice storm and all the problems that came with it. So it's definitely time to THINK SPRING!!

One way to beat the winter blahs is to start planning to attend our Kentucky Lepidopterists field trips. Fortunately, the first field trip will be in southern Kentucky, in McCreary County, the weekend of 11-13 April. Those dates aren't that far off! Provided we have good weather (better than last year at the same location, let's hope), there should be many good early season butterflies on the wing. These would include most of the eastern Dusky Wings (Erynnis), several swallowtail species (which can be quite small in the first brood), the Silvery Blue (Glaucopsyche lygdamus), and the Falcate Orangetip (Anthocharis midae), just to name a few. In addition, there will be good moths on the wing, and Leroy Koehn and others will collect and observe moths at lighted sheets and with the use of bucket light traps.

Everyone is invited to participate in this, and all of our field trips, whether you are a collector, a butterfly observer, or just someone who likes to get into the field in the early spring. So bring your nets, cameras, binoculars and hiking boots and join in the fun. Keep in mind that there is much habitat to explore in McCreary County, so there will be ample space for collecting activities in some areas, and butterfly observation and photography in others. See the announcement in this newsletter for further information on directions, motel accommodations, etc. This shapes up to be a fun outing, so plan now to join us.

We will have at least two other field trips during the summer and fall. These will include a trip to Pennyrite State Forest on 30 May – 1 June (led by Loran Gibson) and the always enjoyable and productive field trip to western Kentucky on 5-7 September (led by Bill Black). Now is the time to mark these dates on your calendar. A target butterfly for the May/June trip is the elusive and uncommon Northern Hairstreak, (Satyrium favonius ontario).

Butterflies that might be encountered on the September field trip include Dukes Skipper (Euphyes dukesi), hybrid (Limenitis arthemis x archippus) and the Great Purple Hairstreak (Atlides halesus). Moth collecting should be very good at all of the field trips. Plan now to join us for great fun!

A final note: If you haven't yet paid your dues for this year (or past years), now is the time to put your check in the mail. Membership in our society is a bargain, and your financial support is necessary to keep our society active, especially as it relates to the publication of our first-class newsletter, and our other activities.

John W. peacock
President
Society of Kentucky Lepidopterists

2002 ANNUAL MEETING REPORT

The 2002 Annual Meeting began on Friday afternoon with an I.D. (Identification Day) day in the collection of Lepidoptera at the University of Louisville. Dr. Covell, James Adams, Jim Vargo, Loran Gibson, Leroy Koehn, John Peacock and many other help to identify many moths. A annual party at Dr. Covell's home followed that evening with over 50 members and guests.

The Annual Meeting officially began at 9AM on Saturday 2 November, in the Entomology Lab in the Life Science Building of the University of Louisville. The insect collection was open to all, specimens were identified, records reported, conversations abounded and coffee and donuts consumed. An executive board meeting was held at 11AM (See Secretary's Report on page # 5). The Saturday meeting was attended by 43 members and guests.

After a short lunch break, the meeting resumed in the auditorium of the Life Sciences Building. At 1PM, President John Peacock called the business meeting to order. An election of officers produced the following: President, John W. Peacock; Treasurer, Les Ferge; Secretary, Suzette Slocomb; Editor, Leroy C. Koehn; Field Trip Coordinator, Bill Black, Jr., At-Large Members, Dr. Charles V. Covell, Jr., Dr. James Adams and Kevin Segebarth. Officer reports were presented and field trips were determined for 2003.

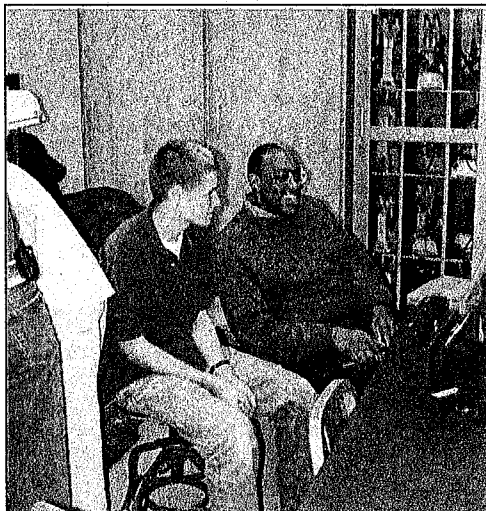
Following the business meeting were several speakers, Dr. James Adams, Jack Dempwolf, and the primary speaker, Mark Scriber.

Dr. Charles V. Covell, Jr was presented with the Carl Cornett Award for his contributions, outstanding service the Society of Kentucky Lepidopterists and his numerous achievements to the knowledge of the Lepidoptera of the State of Kentucky. This was followed by Dr. Covell and the annual door prize drawing. Following the meeting, a banquet was held at the University Club.

ANNUAL MEETING PHOTOGRAPHS



John Peacock present the Carl Cornet Award to Dr. Charles V. Covell, Jr.



Craig Segebarth and Richard Henderson checkout a laptop computer



Jack Dempwolf and Ellis Lauder milk review a display of specimens.

EXECUTIVE COMMITTEE MEETING MINUTES

PRESENT:

- President John Peacock
- Treasurer Les Ferge
- Editor Leroy Koehn
- Secretary Suzette Slocomb

- At-Large Members
- Charles Covell, Jr.
- George Balogh
- Dr. James Adams

Field Trip Coordinator Bill Black', Jr.

President John Peacock called the Executive Committee Meeting to order promptly at 11:00 a.m. on Saturday, November 2, 2002. All committee members were present. The treasurer, Les Ferge, distributed a detailed copy of the monies spent and on hand. A discussion of the cost of newsletter #2 ensued. There are 120 members in good standing. A total of 18 people were dropped after repeated requests to renew their membership for reasons unknown. The society has 11 new members since last June

It is thought that envelopes enclosed in the newsletter seemed to help membership renewal. It is also believed that we will break even if the cost of the newsletter is held to \$250.00 per issue and membership dues are promptly paid. A suggestion was made to include a \$25.00 Sustaining Membership line on the dues form along with a line stating "Other".

A brief discussion on Annual Meeting speaker gratuities followed. It was decided that the speaker's travel and banquet expenses would be paid by the Society.

Leroy Koehn stated that more articles are needed for the newsletter. Regular features could be a part of each newsletter. Members are urged to send in their field trip records. An e-mail reminder will be sent.

A proposed slate of officers for next year remains the same with the exception of George Balogh's Member-at-Large position. Member Kevin Segebarth was recruited and accepted this position nomination. This proposed slate of officers for the coming year will be presented at the 1PM Business Meeting.

The society's website is being developed by Leroy. He indicated that the site name was established. It is: Society of the Kentucky Lepidopterists.org Various suggestions were offered and a visit to the Southern Leps Website was made.

Bill Black offered four proposed Field Trips for next year. These would be: Spring - McCreary County, Summer - Fourth of July Harlan County, Summer - End of June, Pennyrile State Forest in Christian County, and Fall - Wesvaco WMA. Carlisle County. Leroy suggested that there be one less field trips. The proposed meeting sites for the Spring Field Trip would be the Daniel Boone National Forest in McCreary County near Stearns and for the Fall meeting in western Kentucky.

A discussion of whether or not observers activities should be included in the collecting field trips. It was thought that observers should be encouraged to participate and Mike Flynn of the Lexington NABA group was cited as an example of the two philosophies merging at one of our field trips.

There were no other items for discussion. James Adams made the motion that the Executive Board Meeting be adjourned. George Balogh seconded the motion. The meeting adjourned at 12:15 p.m.

Respectfully submitted,
Suzette Slocomb, Secretary

TREASURER REPORT

Statement of Cash Flows for the Period 9 November 2001 thru 31 October 2002

Balance on 9 November 2001

Checking Account	\$1,967.20
Petty Cash	<u>\$8.12</u>
TOTAL	\$1,975.32

Cash Receipts

Dues received	\$995.00
Cash donations at meeting	\$184.00
Dues/donations deposited in petty cash	<u>\$24.05</u>
SUBTOTAL	\$1,203.05

2003 dues received/deposited	<u>\$372.00</u>
TOTAL	\$1,575.05

Cash Disbursements

Meeting refreshments	\$146.79
Keynote speaker expenses	\$71.00
Postage (Ferge)	\$11.73
Bank fee	\$10.00
Newsletter No. 1,2002	\$265.19
Newsletter No. 2, 2002	\$453.55
Newsletter No. 3, 2002	\$181.46
Newsletter No. 4, 2002	<u>\$214.63</u>
TOTAL	\$1,354.35

Net Increase (decrease) (\$151.30)

Balance on 31 October 2002

Checking Account	\$2,212.58
Petty Cash	<u>\$20.44</u>
TOTAL	\$2,233.02

MEMBERSHIP DATA

pd 2005	1	pd 200335
pd 2004	4	Comp. 12
pd 2002	68	TOTAL120

ESTIMATED INCOME FOR 2003

Dues receipts 103 members @\$12.00	\$1,236.00
Cash donations at meeting	<u>\$50.00</u>
TOTAL	\$1,286.00

ESTIMATED EXPENSES FOR 2003

4 Newsletters/year @ \$275.00	\$1,100.00
Meeting expenses	\$175.00
Misc. (postage, dues envelopes)	<u>\$115.00</u>
TOTAL	\$1,390.00
Estimated increase (decrease)	(804.00)

NEWSLETTER UP DATE

It has truly been a long, long, winter here in Kentucky. Just to understand how long, from 19 November 2002 to 1 March 2003, I have not found a single moth or even an insect, in my permanent light trap here in Georgetown. I record both butterflies and numerous moths during the same period of time during the winter of 2001/2002. I cannot wait for spring!!

We have been working hard to provide an informative and enjoyable newsletter. To continue to do so, we need your help. Articles, color photographs, field reports, collection and observation records, or anything that is related to Lepidoptera are needed for inclusion in the newsletter. Letters to the Editor, I must have a critic or two out there somewhere? Most importantly, this newsletter is a vehicle for providing information to the membership. Take time and send your items to you Editor.

The Society of Kentucky Lepidopterists provides newsletter with a great deal of information, however, the Society can do more. But that requires money. Many members have not paid their 2003 dues and this could well be your last newsletter if you have not. The cost of membership is bargain, a small contribution to the Society would enable it to do more for the membership. As you write that check for your dues, add a little something extra.

We start a new year with some great field trips. McCreary County is a beautiful area, streams, mountains and spring wild flowers make it a great place to spend some time in the field. Pennyryle State Forest in early summer may prove to be a great field meeting. And then there is western Kentucky and Bill Black in the fall. If you have never journeyed to Paducah for the fall field meeting, you have missed some great adventures. Regardless how many times you make the trip, Bill Black always manages to find something new and exciting. Please plan now to join us for one or all of the field trips.

The new Buttery Nature License Plate is now available. The State Butterfly, the Viceroy, presented in great detail. Your Editor has seen a number of them and they look great. Your Editor will get his in May. It should be the plate of choice when compared to the new standard issue plate.

With the warm weather just around the corner, remember to "get among them" this season!

A CORRECTION TO THE KENTUCKY LIST OF OLETHREUTINAE

BY

LORAN D. GIBSON

For many years a small Epiblema species (Tortricidae, Olethreutinae) has been incorrectly identified by most Lepidopterists interested in this group. I have determined a good number of individuals of this species from Kentucky and Ohio as Epiblema tripartitana (Zeller). These determinations are not correct. With publication of Don Wright's recent paper on this subject, all errors in identification associated with this species and those with which it may be confused can now be corrected. Don's paper is a fine example of the excellent work that can be achieved by a dedicated amateur Lepidopterist.

Please make the following changes to the list of Olethreutinae in Charlie Covell's Annotated Checklist of the Butterflies and Moths of Kentucky: on page 50, omit MONA Checklist number 3184 E. tripartitana (Zell.). All data after E. tripartitana (Zell.) are for individuals of the new species, E. glenni Wright. Currently, I know of no valid records of E. tripartitana (Zell.) from Kentucky. The species should, however, occur in the state.

MEMBERSHIP UPDATE

NEW MEMBERS

Amy L. Covert, 109 Lafayette Dr., Frankfort, KY 40601

David J. Horn, Dept. of Entomology, Ohio State Univ., 1735 Neil Ave., Columbus OH 43210 ;Home (614) 262-0312; Work (614) 292-5961; E-mail: horn1@osu.edu. Interests: butterflies, moths, conservation, monitoring, ecology.

Leslie Angle, 4511 Huckleberry Ct., Hillard, OH 43206; Home: 614-876-2805. Interests: Moths, immature stages, observation, behavior, photography.

OCTOBER 2002: SEARCHING FOR PAPAPIEMA MOTHS

On Thursday, 10 October 2003, Kevin, Craig & Ian Segebarth and Leroy Koehn joined forces with Bill Black in Paducah for a search for the cane feeding Papapiema moths. The weather was very mild for early October, however, a deluge of rain Thursday night did not slow them down, only muddied them. However, a flood at the Sandy Branch site almost washed away a light trap. A number of sites were visited and produced the following species: Papapiema new species #4, which were numerous, Papapiema new species #5, P. nicopina, P. cerussata, P. arctivorens, P. cataphracta, P. inquaesita, and a recently identified P. birdii. Although somewhat limited by flooding, a new area was explored, "Blood River". An eyrie name to say the least. Papapiema new species #4 was collected along with P. birdii.

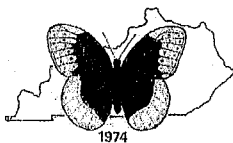
This field activity was not an official Society field trip, it has however, become an annual event for those Lepidopterists with an interest in the recently discovered cane feeding Papapiema moths. This is an opportunity to venture to Paducah and spend a weekend in the field collecting and studying Papapiema moths and to explore new areas for potential habitat suitable for these cane feeding moths.



Leroy Koehn, Ian, Craig and Kevin Segebarth with a Light Trap that came within a few feet of being swept away by the rising flood waters of Sandy Branch.

The Kentucky Lepidopterists is published four times annually. Membership dues are \$12.00 annually. 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 may be sent to: Treasurer, Les Ferge, 7119 Hubbard Avenue, Middletown, WI 53562

THE SOCIETY OF KENTUCKY LEPIDOPTERISTS
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