

Kentucky Lepidopterist

Newsletter of the Society of Kentucky Lepidopterists

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THE SOCIETY OF KENTUCKY LEPIDOPTERISTS

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Kevin Segebarth - 2004*
Gerald Burnett, 2006*
* 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

2004 ANNUAL MEETING AT THE UNIVERSITY OF KENTUCKY

The 2004 Annual Meeting of the Society of Kentucky Lepidopterists will be held on 19 & 20 November 2004 at the Entomology Department in the Agriculture Science Center North Building of the University of Kentucky in Lexington, Kentucky. Dr. Michael Sharkey will host the two day event. A map of the University of Kentucky campus, directions to Agriculture Science Center North Building, parking for the meeting and Lodging selections are included in this newsletter.

The meeting will begin with an Identification Day on Friday at 10AM in Entomology Department located in the Agriculture Science Center North Building, Room 327. The collection of Lepidoptera at the University of Kentucky (This includes the collection that Dr. Covell amassed at the University of Louisville.) will be open for viewing and identification. We encourage you to bring your records for inclusion into the data base, specimens of interest and any UFO's you may have. There will be those in attendance that will be able to identify the vast majority of the UFO's from Kentucky. The collection will be open from 10AM until 4PM. We also encourage you to use the collection to identify or confirm the identifications of your specimens.

There will be a reception Friday evening hosted by Dr. Michael Sharkey at the E. S. Good Barn on the campus of the University of Kentucky. The reception will begin at 7PM, a slide projector will be available. Bring any slides that you wish to share with those present.

The meeting on Saturday will begin at 9AM in the Entomology Department in the Agriculture Science Center North of the University of Kentucky. Coffee, donuts and other tasty morsel will be provided. From 9AM to noon will be opportunity for identifying specimens, view the collection, meet old friends and make some new friends. Following the lunch break, the meeting will begin 1PM. There will be a business meeting followed by the key note speaker, Dr. James Adams. There will be a short break at 3PM. Following the break will be the several presentations of awards and then the presentation of Dr. Covell's portrait to the University of Kentucky. Dr. Covell's portrait will remain with the collection at the University of Kentucky that Dr. Covell amassed during his years at U. of L. There will be a door prize drawing and followed with a dinner at a local restaurant. (Cont. on Pg.#13)

FALL FIELD TRIP REPORT

The fall field meeting began on Thursday afternoon, 9 September when Ian, Craig, and Kevin Segebarth, Jack Dempwolfe and Leroy Koehn met at Pennyriple State Forest where they set out light traps and bait traps and then set up Leroy's light rig to collect moths. Nothing was rather poor and the rig was down before 11PM. The light traps were recovered and sorted early Friday morning and the five some headed straight to Bill Black's residence in Paducah. Gerald Burnett had joined Bill Black when they arrive. Bill, Gerald, and Jack traveled to Hickman to set out bait traps and bait near the Bunge facility along the Mississippi River. Leroy Koehn and the Segebarth traveled to a site south of Salem in Livingston County to set out light traps among a stand of the plant Aralia spinosa or Devil's Walking Stick for Papaipema araliea and a huge cane brake for the un-described species of cane feeding Papaipema moths. After the were set out, they visited a cave near the cane brake and wondered if any of the moths that inhabit caves were lurking near by! As they returned to Paducah, additional Light Traps were set out, including one at the zip track and several at a spot with Water Hemlock for Papaipema birdi.

At 7PM, the "Strohs and Conversation" began at Bill Black's home. Bill's wife Nancy, the "Host of Paducah" provided some excellent fare, including western Kentucky style barbeque. A short slide show by Loran Gibson and Tony Merkle of Kentucky Lepidoptera was enjoyed by all. It was a very pleasant and relaxing evening.

The meeting began at 9AM at the Days Inn. However, the Segebarths were on the road by 5:30AM to collect the Light Traps in Livingston County and several others set out near Paducah. They met Leroy at the Zip Track site and sorted traps. One Papaipema birdi was taken. The traps also contained Apanthesis oithona, Cisthene kentuckensis and Papaipema baptisia. A specimen of Acronicta betulea was also taken in a trap near Paducah. By the time the traps were sorted, those who gathered at the Days Inn were already in the field. Leroy and the Segebarths joined the group at the Littleville site were Euphyes dukesi was found in great numbers. Several Satyrodes appalachia were taken as well. They then visited the Zip Track site in search of Atlides halesus. None were found. However, Euphyes dukesi was found.

They began to travel to Chalk Bluff in Carlisle County to set up Leroy's light rig to collect moths. Along the way they set out light traps in Ballard County and at two locations in Carlisle County, one of which was at a cane brake below the Chalk Bluff in the Westvaco WMA. They would all meet along the Chalk Bluff Road in Hickman County and set the light rig up on the Bluff overlooking the Mississippi River. It was a great view, however, the number of moths was extremely low. They returned to Paducah for the night.

They departed Paducah Sunday morning for the Bunge facility site along the Mississippi River at Hickman in Fulton County. Loran Gibson, Tony Merkle and Ellis Lauder milk went first to the Reelfoot area to search for Poanes viator and then onto the Bunge facility site to join the others. With Bill Black in the lead, they collected their light traps along the way. Some of the species collected were: Catocala robinsoni, C. vidua, C. relecta, C. insolabis, C. angusi, Apantesis oithona, A. vittata, Cisthene kentuckensis, Papaipema nicopina, P.rutila, P. inquaesita, and Luperina trigona They arrive at the Bunge facility around 1PM to find the others busy collecting and photographing Nathalis iole, Pontia protodice, and Philosora catullus. Ellis Lauder milk then led Leroy Koehn, Jack Dempwolfe, Bill Black, and the Segebarth's back to the Reelfoot area to a spot along Route 1282. In the ditch along both sides of the road grew wild rice and here they found Poanes viator. As they waded through the wet area, between the Water Moccasins and the wild rice, they also found Euphyes dion and Lycaena hyllus. As the afternoon waned, Leroy and Jack began their long journey back to Georgetown with a stop at Pennyriple State Forest to collect three bait traps they set out on Friday. The traps were virtually empty, only a single female Lethe creola was found.

It was a great meeting. You should have been there!

More meeting photographs on Pg.# 17.



Group photograph of meeting participants.

(Cont. from Front page) If you want to present a paper or talk, please contact Leroy C. Koehn, 202 Redding Road, Georgetown, KY 40324-2662; Tel: 502-570-9123; Cell: 502-803-5422; E-mail: Leptraps@aol.com, to provide time for your presentation.

Please bring a door prize. Anything related to Lepidoptera or Lepidopterists are welcome. Following the talks and presentations, Dr. Covell will conduct the door prize drawing, one of the most enjoyable and memorable part of the meeting.

DIRECTIONS: There is a map and direction to the Agriculture Science Center North Building, University Inn, restaurants and the E.S. Good Barn facility on pages # 14&15. Directions to restaurants will also be available at the meeting on both Friday and Saturday.

PARKING: This is a university campus and like any college or university campuses, parking is difficult, if not impossible. However, parking permits are required for Friday only and can be obtained from Dr. Sharkey upon arrival at the Agriculture Science Center North Building. To obtain a permit, you will need to come to the front of the Agriculture Science Center North on Nicholasville Rd. You can park in front for 15 minutes while you obtain a parking permit. Should you have a problem, contact Dr. Sharkey: 859-257-9364. There is a parking lot directly behind Agriculture Science Center North building and a parking garage on the corner of Cooper Ave. & University Ave. However, please review recommended motel and those who choose to stay at the University Inn will not have a parking problem.

There is ample parking at the E. S. Good Barn facility on Friday evening and no parking permits are required.

There is no home foot ball game on Saturday and parking is open on campus. There should be ample parking around the Agriculture Science Center North building parking lot.

LODGING: The Society has made arrangements with the University Inn, (Not affiliated with the University of Kentucky) for a special rate for the meeting. They are holding 20 Rooms for both Friday and Saturday night. The cost of the room is \$68.40 plus tax and includes a continental breakfast. For Reservations: Toll free 866-881-9676 or locally: 859-278-6625. You must make your reservation before Sunday, Nov. 8 and ask for the "Group Rate: Society of Kentucky Lepidopterists". After Nov 8, they will no longer hold the rooms and they will be first come first serve. However, they will

still honor the our group rate. If you are staying at the University Inn, you can park at the Inn and walk across the street for the meeting. The University Inn is on the corner of Waller Ave. and Nicholasville Road, directly across the street from Agriculture Science Center North Building.

There are a large number of motels along I-75. At Exit 110, US 60 is the best location choice. The following motels are located at Exit 110 and Elkhorn Road. The motels/hotels list below offer a wide range of prices. All offer some sort of free breakfast when to stay a night.

Baymont	800-428-3438
Best Western	800-528-1234
Hampton Inn	800-426-7866
Holiday Inn Express	800-465-4329
Knights Inn	859-299-8481
Motel 6	800-466-8356
Ramada Limited	800-272-6232

There are other motels at exits of I-75 in both directions of Exit 110.

If you have any questions and need additional information, please contact Leroy C. Koehn: Tel: 502-570-9123; Cell: 502-803-5422; or E-mail: Leptraps@aol.com.

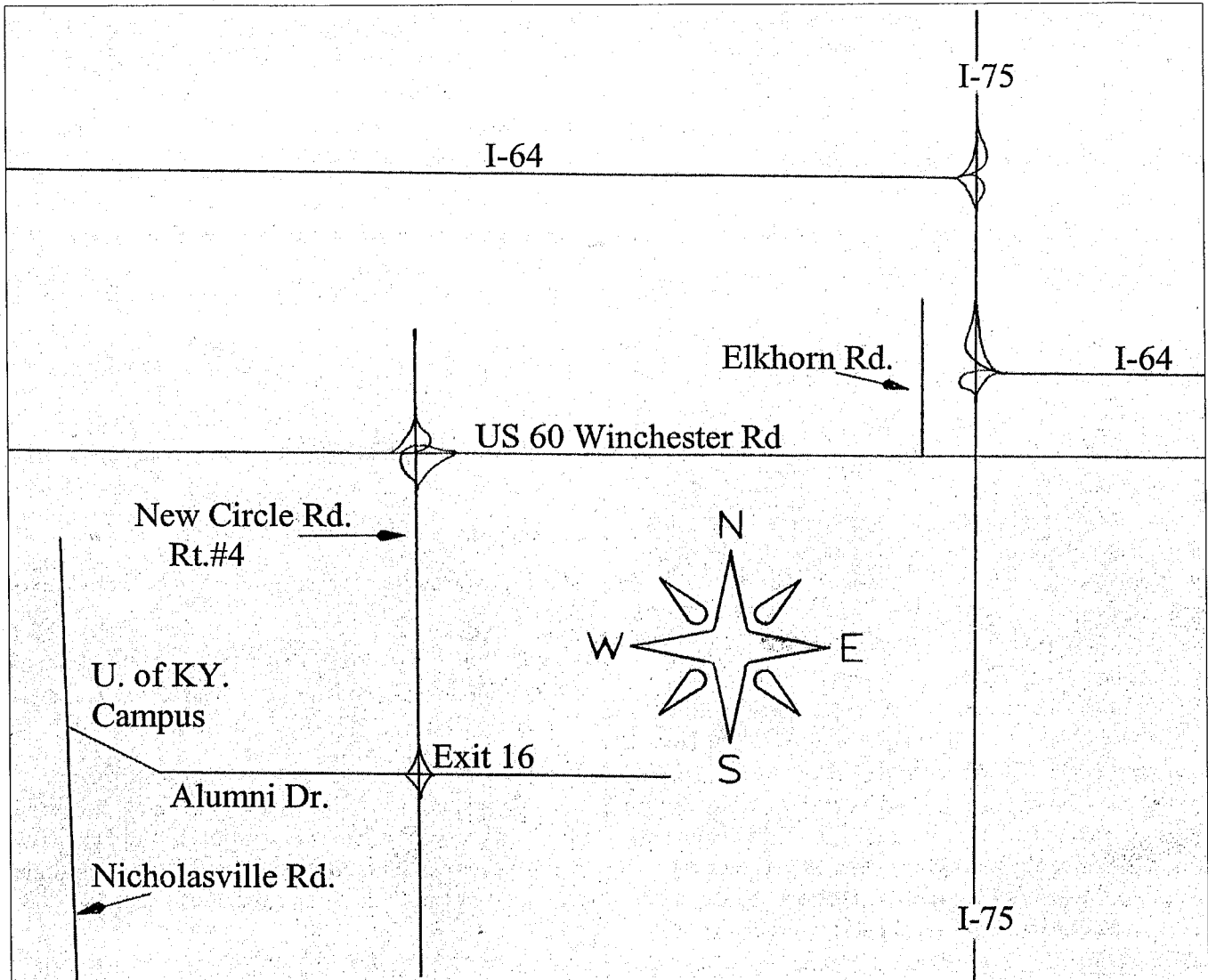
Should you get lost or turned around and are confused about where your are or where you want to be, Leroy will have his cell phone with him for the entire meeting, please do not hesitate to call for assistance: 502-803-5422

A NEW CON-TRAP-TION FOR COLLECTING LIVE PAPAIPEMA MOTHS.

BY
WILLIAM BLACK, JR.

I received several request this year from a number of Lepidopterists for a live female of Papaipema new species #5, if I could come up with one. I am making a valiant attempt to do so. I owe first dibs to Eric Quinter, who got us all started on these addictive cane feeding Papaipema moths. This is optimistic, after trapping several females for the past five seasons I was unable to obtain eggs. The first four seasons I had two or three females in my light traps. These were revived from ethyl acetate, but I failed to get any eggs.(Continued on Pg.#16.)

MAP AND DIRECTIONS TO THE UNIVERSITY OF KENTUCKY



TO THE CAMPUS: From I-75: Exit 110: US 60 Winchester Road., turn west onto US 60 Winchester Road, travel approximately 1.5 miles to New Circle Road, Route# 4 South. Travel south on New Circle Road to Exit 16 Alumni Drive. Turn left at the top of the ramp and travel approximately 2 miles. Alumni Drive will "T" into Nicholasville Road. Turn right on Nicholasville Road. Then follow the direction to meeting sites and locations below.

DIRECTIONS TO MEETING SITES AND EVENTS

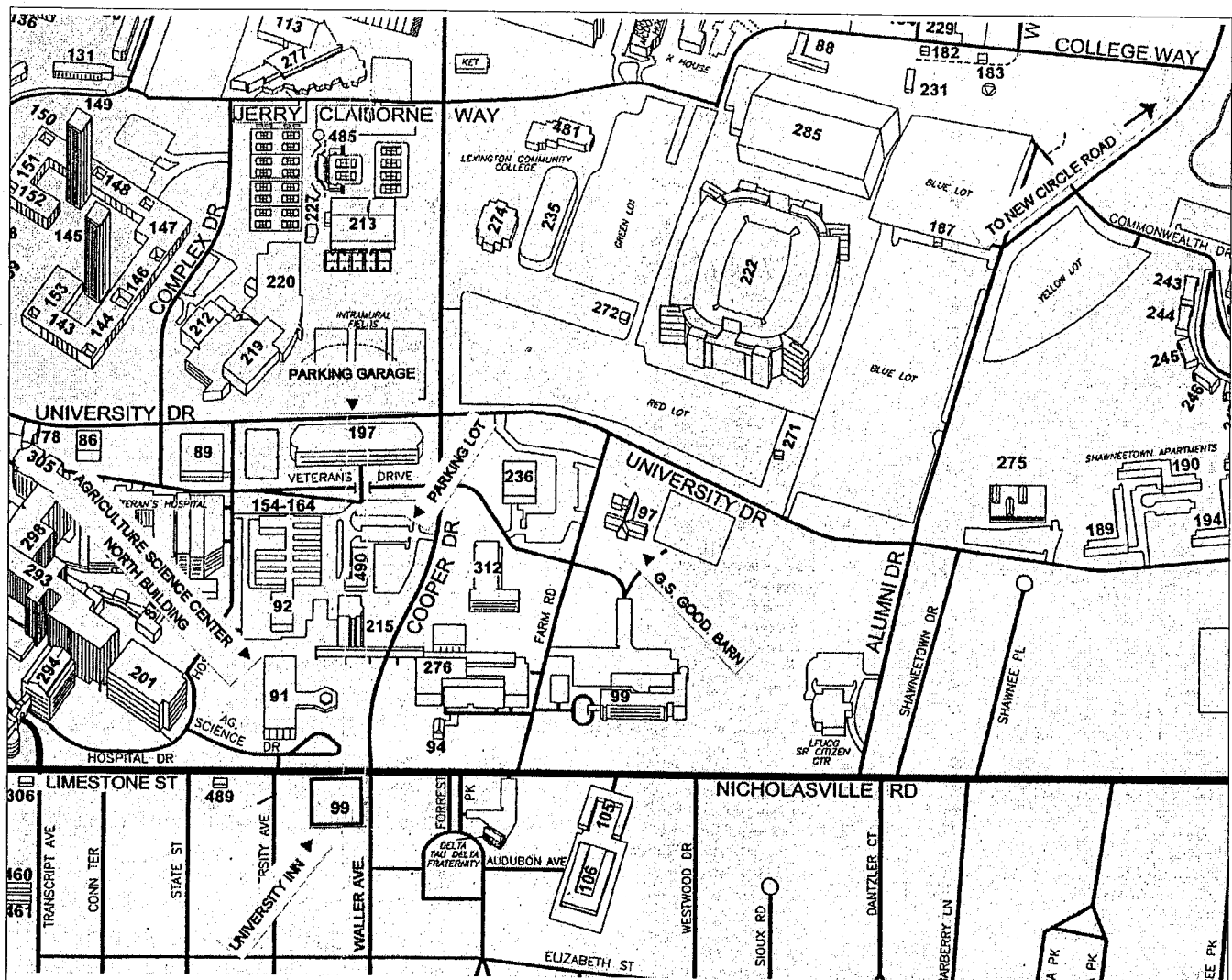
UNIVERSITY INN: Follow the directions to the UK campus above. When you turn right onto Nicholasville Road from Alumni Drive, bear to your left, at the second intersection is Cooper Drive is on your right and Waller Ave. is on your left. The University Inn is on the corner of Waller and Nicholasville Road.

AGRICULTURE SCIENCE CENTER NORTH: Follow the directions to the UK campus above. From I-75, Exit 110 to US 60, West on US 60 to Route #4 New Circle Road South. South on New Circle Road to Exit 16 Alumni Drive. West on Alumni Drive to Nicholasville Road. Turn right on Nicholasville Road, the second intersection is Cooper Drive. Turn Right. The next left will be the parking lot behind the Agriculture Science Center North Building. Follow the Society logo signs to meeting location in the Agriculture Science Center North Building.

PARKING PERMIT: To obtain a parking permit, follow the directions to the UK campus above. When you turn right onto Nicholasville Road from Alumni Drive, bear to your right, the second intersection is Cooper Drive. Proceed through the intersection of Nicholasville Road and Cooper Ave., the next right turn on Nicholasville Road is Agriculture Science Drive. Park in the circle area in front of the building, proceed up to room 327 and obtain a parking permit from Dr. Sharkey.

E. S. GOOD BARN: From the Agriculture Science Center North Building parking lot or the University Inn, follow Cooper Ave. to University Drive, turn right on University Drive to Farm Road. Turn right on Farm Road, the E.S. Good Barn will be on your Left.

MAP AND DIRECTIONS TO ANNUAL MEETING LOCATION ON THE CAMPUS OF THE UNIVERSITY OF KENTUCKY



MAP INDEX TO MEETING LOCATIONS

91 Agriculture Science Center North Building
 99 University Inn
 490 Parking Lot

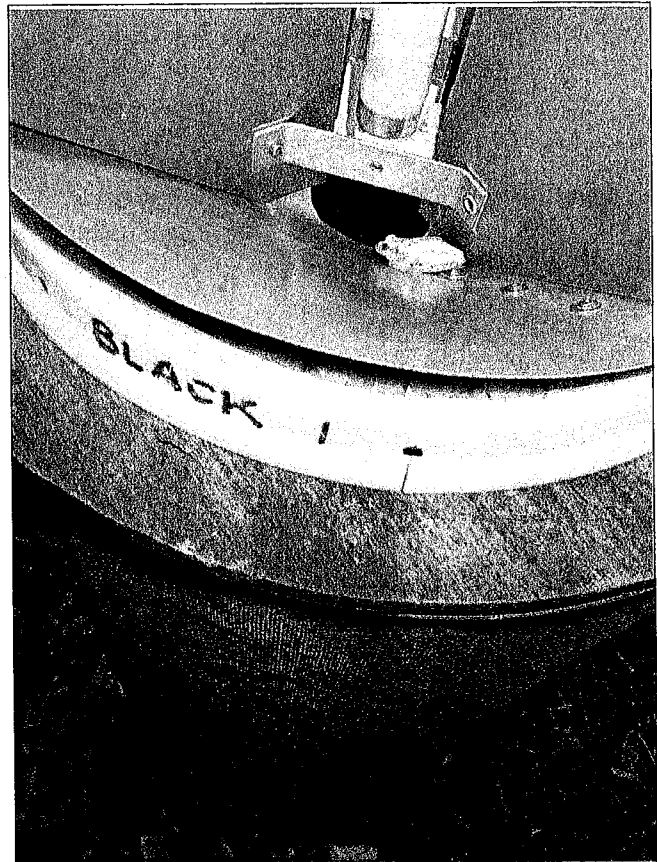
97 G.S. Good Barn
 197 Parking Garage
 222 Commonwealth Stadium

(Cont. from Pg.# 15) Last year, 2003, I tried live-catching by substituting recyclable ice packs for ethyl acetate, inside my UV light trap bucket. I succeeded in catching one live *Papaipema* new species #5 male, but alas, no females. The disadvantage to the ice packs was condensation which occurred inside the trap's bucket and tends to ruin the live specimens as they move around before cooling down.

This season I'm trying a version of Paul Waring's British live-catch UV light trap. I'm substituting one of Leroy's Flat Bottom Bait Trap cylinders. In place of the 3-gallon pail of my UV light traps, I turned the bait trap cylinder upside-down, and inserted the lid seal, funnel and vane assembly. (Figures 1 and 2 illustrate the con-trap-tion). I have successfully collected a live female of *Papaipema* new species #4. I am sure that Leroy Koehn will go to work on this new trap idea and will have one to show us at the annual meeting in November.



Con-Trap_tion: A set of vanes attached to a flat bottom bait trap turn up-side down



Close-up view of the vanes mounted to a flat bottom bait trap. A small frog awaits a tasty moth to pass by.

NEWS LETTER UP DATE

The above article by Bill Black illustrates the purpose of this newsletter. A new idea that has been developed to help Lepidopterists learn more about the science we know so little about. Do you have a Con-Trap-Tion that would interest the membership. Do you have an idea or method that you have develop to help in the study of Lepidoptera.

If you do, your information to the Editor, photographs are the best method to illustrate your ideas. They will be published.

This is our 31st annual meeting and the first to be some place other than the University of Louisville. Dr. Sharkey and his staff at the University of Kentucky looking forward to meeting the members and developing a relationship with the Society of Kentucky Lepidopterists. The officers of the Society encourage you to attend the annual meeting at the University of Kentucky. Come join us as we honor Dr. Covell and his contributions to the Society, the State of Kentucky and the Lepidoptera he so dearly loves. ...

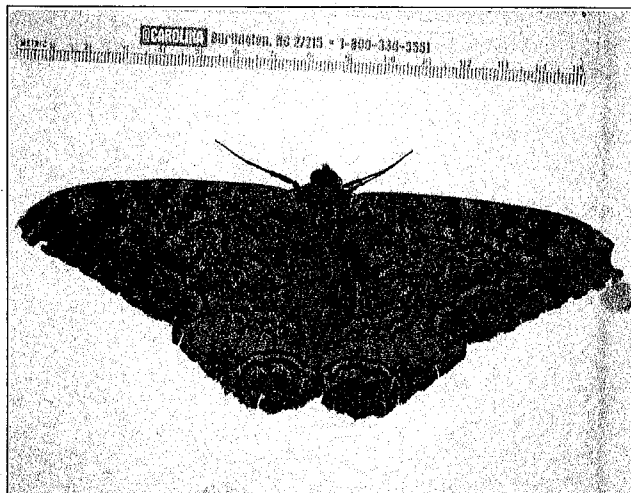
Where in Kentucky would you like to visit and collect Lepidoptera? Do you have an interesting location of your own that you would like to share with the membership? We are looking future locations to hold field meetings. Contact our field trip coordinator, Bill Black, 201 Freidman Ave., Paducah, KY 42001-4744; Tel: 270-9587.

WEB MASTER NEEDED

The Society is planning to have a web site up before the January of 2005. We need someone to help design and build the site and once it is up and running to maintain the site and up date it several times a year. If you want to help serve the Society and you are capable of designing and maintaining a web site, please contact the Editor: Leroy C. Koehn; E-mail: Leptraps@aol.com.

A BLACK WITCH (ASCALAPHA ODORATA) REPORTED FROM WARREN COUNTY BY JEFF MARCUS

Dr. John Anderland, a colleague of mine, encountered a Ascalapha odorata on the side of a building on the campus of Western Kentucky University (Bowling Green, Warren County) on 10 October 2004. Dr. Andrland went to the trouble of photographing the specimen with a ruler in the back ground to illustrate the size of this large moth. (See Fig.#3 below)As soon as he showed the photograph to me (15 minutes after he had taken it), I had him take me to the spot were he found it, but alas, the specimen had already flown off.



Black Witch (Ascalapha odorata) photographed on campus of WKU.

Ascalapha odorata occurs throughout the tropics and strays far to the north every fall. There are records of this moth from Quebec, Canada. There are a number of records for Kentucky.

MEMBERSHIP UP-DATE

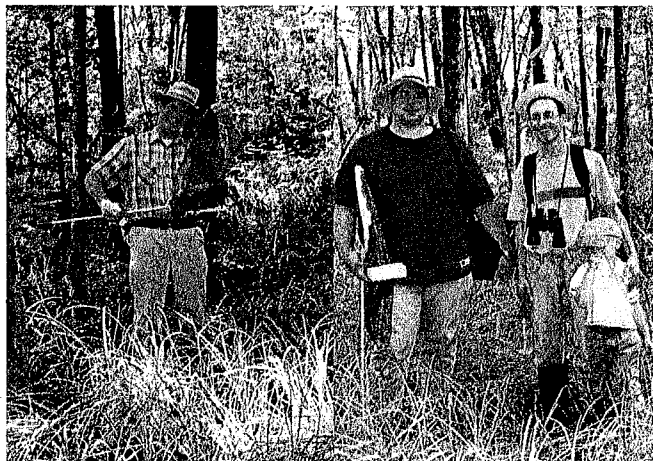
ADDRESS CHANGES

Dr. Charles V. Covell, Jr., McGuire Hall, Hull Rd. & SW 34th St., P.O. Box 112710, Univ. of Florida Gainesville, FL 32611-2710; E-mail: covell@louisville.edu.

MORE PHOTOGRAPHS OF THE FALL FIELD MEETING



Charles Wright, Loran Gibson and Ellis Lauder milk wade among the fall flowers at the Zip Track site in Paducah.



Bill Black gets a female Euphyes dukesii and Jeff Marcus and friends enjoy the wet woods where E.dukesei is found.

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

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