SPRING FIELD MEETING
TO
SOUTH CENTRAL KENTUCKY
15, 16 & 17 APRIL

This year's spring field meeting will be hosted by Jeffrey Marcus of Western Kentucky University. The meeting will begin Friday evening at 6 pm on 15 April with a social hour and Black Lighting at the Cave Research Foundation (CRF, Hart County), near Mammoth Cave National Park. On Saturday April 16, we will either collect at the Upper Green River Biological Preserve (UGRBP, Hart County) or (pending approval of the already submitted collection permit) we will be able to collect inside of Mammoth Cave National Park (MACA, Barren, Edmonson, and Hart Counties). Jeff has been working with officials at Mammoth Cave to provide us with this special opportunity to work in the Park. Because it is a National Park, there are some conditions involved in collecting there, the most important of which is that ALL of the specimens collected will ultimately have to be donated to a collection at a public institution, though they can remain in private hands temporarily while they are identified and prepared for inclusion in the public collection. Additional details of the conditions will be shared with trip participants when and if the collection permit is approved. Anyone who does not wish to collect under the conditions negotiated with Mammoth Cave will still be able to collect with no restrictions at the Upper Green River Biological Preserve. The morning of April 17 will be devoted to collecting traps and exploring areas which had not been covered on the previous days.

Last year, we were able to collect Euchloe olympia and Lactia pupula at Upper Green River Biological Preserve, both of which were new records for Hart County. With any luck, there will be new surprises in this year's collections.

Bunkhouse sleeping accommodations (with easy access to flush toilets hot showers) and will again be available this year at the Cave Research Foundation for $10 per person per night. If you wish to take advantage of the bunkhouse, please let Jeff know.

Continued on Pg.# 20
(Continued from Front Page Front Page)

For those of you who want more privacy, the most convenient hostels to the collection sites are:

Hampton Inn (I-65 Exit 58, Horse Cave) with rates beginning at $71 per night. Information and Reservations at (270) 786-5000

Ramada Inn (I-65 Exit 53, Cave City) with rates beginning at $36 per night. Information and Reservations at (270) 773-3121

And for people who want a unique hotel experience, the Wigwam Village (I-65 Exit 53, Cave City), a motel composed of concrete tepees, has rates beginning at $25 per night. Information and Reservations at (270) 773-3381

If you have questions or need additional information, please contact Jeffrey Marcus: Home: 270-746-0355, Office: 270-745-2043, Cell: 270-303-2639, E-mail: JeffreyMarcus@wkdu.edu.

MAP AND DIRECTIONS TO CAVE RESEARCH FOUNDATION

Directions to the Cave Research Foundation: From I-65, Exit 58, turn west on Route 218, follow Route 218 approximately 3 miles to Park Ridge Road. Turn Left on Park Ridge Road. Follow Park Ridge Road approximately ½ mile to Hamilton Valley Road. Turn Left on Hamilton Valley Road. The Cave Research Foundation, Hamilton Valley Facility is straight ahead. There will be a sign directing you to the facility.

From I-65, Exit 53, turn west on Route 70. Turn right on Route 255, also called the East Entrance Road. After passing the signs for Sand Cave turn Right onto Park Ridge Road. Drive about 2 miles before turning Right onto Hamilton Valley Road. The Cave Research Foundation is straight ahead, look for the sign.
2004 ANNUAL MEETING REPORT

The 2004 annual meeting of the Society of Kentucky Lepidopterists began 10AM on Friday, 19 November 2004 with an Identification Day at the Entomology Department of the University of Kentucky in Lexington, Kentucky. Dr. Michael Sharkey and Dr. Robert Obrzycki hosted the two day annual meeting. Many specimens were identified on Friday and numerous records were recorded. A reception was held at the G. S. Goodbarn facility on the campus of the University of Kentucky Friday evening. The slide show during the reception was absolutely great!

The meeting began at 9AM Saturday morning in the Entomology Department, Agricultural Science Center North of the University of Kentucky. Coffee, donuts, and conversation were the main activity of the morning, closely follow by identification of specimens, looking through the collection of Lepidoptera that was amassed by Dr. Covell at the University of Louisville and is now housed in the Entomology Department of the University of Kentucky in Lexington, Kentucky. A board meeting was held and the minutes of the meeting can be found on Pg. of this newsletter.

Following the lunch break, the meeting continued in Room 112. Society President, Jack Dempwolf called the meeting to order. Dr. Michael Sharkey and Dr. Robert Obrzycki welcomed the Society members, and encouraged them to use the collection of Lepidoptera and to continue to donate specimens. A business meeting followed. The results of the elections of officers: President: Jack Dempwolf; Treasurer: Les Ferge; Field Trip Coordinator: Bill Black; Editor: Leroy C. Koehn; Secretary: Kevin Segebarth, and Member at large: Jeffrey Marcus. Several items were discussed, including the Data Base, Web Site and the Newsletter. The Treasurers report was presented. The declining membership and the impact on the current financial status of the Society was discussed. The location for the 2005 field meetings were determined as follows:

Spring: April15-17 Upper Green River Preserve (Mammoth Cave Area): hosted by Jeff Marcus.
Summer: July 8-10 Morehead and vicinity: hosted by Al Smith, Loran Gibson and Mike MacGregor.
Fall: Sept 9-11 Western Kentucky: hosted Bill Black.
Late Fall: Oct 7-9 Statewide Papaipeza blitz: will be organized Leroy Koehn and Bill Back (with a convergence in Paducah on the evening of October 8).

Dr. James Adams of Dalton State University, Dalton, GA. was the featured speaker. His presentation was entitled: Why we do what we do: reflections on why (I think) Lepidoptera motivate us. Other presentations were: Craig and Ian Segebarth: Collecting Journeys in Kentucky 2003 & 2004; Jeffrey Marcus, Western Kentucky University, Bowling Green, KY: Making Genetic Maps in the Lepidoptera.

Following a short break, the Kentucky State Nature Preserves Commission (KSNPC) presented its 2004 Biological Diversity Protection Award to Dr. Charles Covell, Jr. (See article on Pg. 22)

The William Black, Jr., on behalf of Society of Kentucky Lepidopterists presented a Yin-Rei Djuh Hicks portrait of Dr. Charles Covell, Jr., to the University of Kentucky. Dr. Covell and his wife Betty were present and accepted the portrait which will remain at the University of Kentucky with the collection of Lepidoptera that Dr. Covell amassed. The portrait was made possible through contributions donated by the members of the Society of Kentucky Lepidopterists.

Portrait of Dr. Charles V. Covell, Jr.

Continued on Pg.# 22
(Cont. From Pg.# 21) Dr. Covell presented the Carl Cornett Award to Leroy C. Koehn for his contributions to the Society of Kentucky Lepidoptera and to the survey of the Lepidoptera Kentucky. (See article on Pg.# 25).

After the presentations, Dr. Covell presented a talk entitled: An Overview of the Society of Kentucky Lepidopterists.

Robert B. Butler of Phoenix, MD and boyhood friend and collecting companion of Dr. Covell presented Dr. Covell with a framed reprint of the illustration of *Megathymus yuccae* that was in an article that the two had published in the Journal of the Lepidopterists Society; Vol. 11: Pg. 137-141 entitled

![Illustration of butterflies](image)

Bob Butler and Dr. Charles V. Covell
the illustration from of *Megathymus yuccae*.

The door prize presentation by Dr. Covell was, as always, most enjoyable.

A banquet followed at the Bangkok House Restaurant.

After the banquets, Leroy and Betty Koehn hosted an “after glow” at their home in Georgetown. The goodies from Betty’s kitchen were sumptuous and ruined the diet of more than one individual. Almost every left with bags of goodies at the end of the evening. Leroy’s collection of Lepidoptera and his library were enjoyed by all.

It was a wonderful meeting.

---

**DR. CHARLES COVELL, JR., PH.D., RECEIVES KENTUCKY STATE NATURE PRESERVES COMMISSION’S 2004 BIOLOGICAL DIVERSITY PROTECTION AWARD**

**BY ELLIS LAUDERMILK**

Dr. Covell came to Kentucky in 1964 to accept a faculty position of entomologist at the University of Louisville. He immediately began to inventory the state’s butterfly and moth fauna. At the time, the university’s insect collection contained approximately 28,000 total specimens. During his tenure, he built the collection through inventory and other efforts, and a recent count of the collection revealed approximately 250,000 specimens, with Lepidoptera comprising about fifty percent.

![Award Presentation](image)

Dr. Covell receives the Kentucky State Nature Preserves Commission 2004 Biological Diversity Protection Award

His love and enthusiasm for butterflies and moths were contagious, and in 1974 he, and a small group of Lepidopterists in the state, formed The Society of Kentucky Lepidopterists. (Continued on Pg.#23)
Dr. Covell hosted annual meetings, served as advisor to the group and organized and led survey efforts across the state. In 1975, he began an annual count of butterflies at the Horner Wildlife Sanctuary in Oldham County to monitor trends in butterfly populations. In 1984, years of work culminated with one of his crowning achievements: the publication of a Peterson Field Guide entitled A Field Guide to the Moths of Eastern North America. This book is still the standard used by everyone interested in moths, both amateurs and professionals. In 1999, after 35 years of inventory in Kentucky, he published the sixth contribution to KSNPC’s scientific and technical series entitled The Butterflies and Moths (Lepidoptera) of Kentucky: An Annotated Checklist, which documented nearly 2,400 species from the state. These two publications are only two of over 75 scientific articles authored or co-authored by Dr. Covell.

Through the years, Dr. Covell has been very active in professional organizations and societies, and has received many awards and honors, too numerous to list in this article. He has served as President of The Lepidopterists’ Society and The Kentucky Academy of Science, and served on the Executive Council of the former. In 2001, he was named The Kentucky Academy of Science Distinguished College/University Scientist. However, Dr. Covell’s work reaches well beyond academia and scientific journals. His passion for insects has driven tireless public outreach efforts, and has encouraged many young children and adults to become interested in butterflies and moths. His role as advisor to graduate students resulted in a network of professionals in the field today. He played a lead role in efforts to create a Kentucky Natural History Museum. In 2002, he provided butterfly specimens for the Commission’s booth at the state fair, and gave up a Saturday afternoon to talk with fair goers about butterflies and moths. This event coincided with the unveiling of the new nature license plate depicting a Viceroy butterfly. It has been the most popular nature plate yet, exceeding expectations.

At the end of June, 2004, Dr. Covell retired from the faculty of the Biology Department at the University of Louisville after 40 years of service to the university, its students and the community. Retirement was not prompted by a desire to rest on his considerable laurels, but by an opportunity to become the curator of macromoths at the new McGuire Center for Lepidoptera and Biodiversity in Gainesville, Florida. During his distinguished career, Dr. Covell became internationally known as a butterfly and moth expert. His contributions to our knowledge of Kentucky butterflies and moths are immense, and he has been the driving force behind many engaged in the study and preservation of Kentucky’s native Lepidoptera. On behalf of KSNPC’s commission and staff, we wish Charlie the very best with his new position in Florida, but we will always know him as “Mr. Kentucky Lepidopterist.”

******************************************

SOCIETY OF KENTUCKY LEPIDOPTERISTS
BOARD MEETING MINUTES
NOV. 20, 2004 LEXINGTON, KY
BY
DR. JEFFREY MARCUS

Minutes by Jeffrey Marcus (Suzette Slocomb was unable to attend).

Present were: Jack Dempwolf, Les Ferge, Bill Black, Leroy Koehn, Gerald Burnett, Kevin Segebarth, Charlie Covell, Jeff Marcus.

1. Composition of the new board:

Kevin Segebarth’s term as member at large expires this year (2004). Jack Dempwolf asked Jeff Marcus if he was willing to serve, and Jeff agreed.

The following officers volunteered to extend their service for an additional year:

Jack Dempwolf: President
Les Ferge: Treasurer
Bill Black: Field Trip Coordinator
Leroy Koehn: Editor

Kevin Segebarth was nominated by the board to serve as Secretary.

Charlie Covell volunteered to take on the office of “Records Officer” for approval of new entries into the KY Lepidoptera database (see discussion to follow, item 4).

The board agreed to present all of these nominations to the membership at the business meeting.

2. Treasurer’s report:

Les Ferge provided a summary of the Society’s financial status. Of note was $4050.00 in donations to the Covell portrait fund raising effort. Approximately $3800.00 will go towards purchasing the portrait and frame, with the remainder being applied towards the general fund of the society.

(Cont. on Pg.# 24)
The current total of unencumbered funds in the Society’s accounts is $2174.74. Estimates of expected income and expenditure for 2005, suggest that there will be a net surplus of $5.

Of some concern is the declining membership roll: 20 members have been dropped from the rolls as of October 2004 due to nonpayment of dues. There are currently 90 paying members of the Society. Leroy Koehn has placed (free) advertisements in the bulletin of the Lepidopterists’ Society to attract new members.

3. Web site:

Leroy Koehn has a version of the web site ready to mount on a server. The board approved getting it onto a server. Jeff Marcus suggested that the Western Kentucky University server might be available to mount the web site. He will investigate and report back. Mike Sharkey also mentioned that the University of Kentucky might also be able to accommodate the web site. It is also possible that the site could be placed on a commercial server at a cost of approximately $10.00 per month.

4. Database:

The members of the database committee (see below), Eric Metzler (who had worked on the Ohio Leps database) and Mike Sharkey (Univ. Kentucky) were invited to join the meeting. Richard Henderson, Ellis Laudermark, and Lorin Gibson have been working as a database committee to come up with a plan for keeping the database updated and accessible to the membership. The current database is a modified access database designed by Rick Ruggles of the Ohio Lepidopterists, and contains some 28,000 records. The Kentucky State Nature Preserves Commission is unable to host the database, so they were looking for an alternative organization to host the database. Both Western Kentucky University and the University of Kentucky might be able to host the database. Jeff Marcus was asked to join the database committee.

Concern was expressed about making the entire database fully accessible by the public—additions to the state species list might be “harvested” by other researchers before the membership of the Society had a chance to publish the additions themselves. A number of options were discussed, including password protecting the database on the web (perhaps including links to pictures on the Moths of Canada web site), not putting the database on the web at all, or putting the database on the web, but not including new species records in the publicly accessible version of the database until the records were published.

Also, in concert with the web site, an online form should be generated such that members of the society or the general public who wish to report collection records can log the in the information, which can then be submitted to the “Records Officer” who can approve them, or ask for supporting information or specimens before approving (or disapproving) them, before approved records are added to the database. Charlie Coffey volunteered to be the Records Officer. He will be responsible for recruiting additional people with taxonomic or geographic expertise to assist him in the task of making these approvals. There are approximately 2000-3000 new records added to the database each year, and there are thousands of records currently in the backlog. Jeff Marcus volunteered to use his undergraduate student workers to help clear the backlog once the online form becomes available.

If it is determined by the database committee that funds are needed for the database project, the board decided that an on-line vote of the board would be sufficient to approve the expenditure. The Marsha Atley fund of the Kentucky Academy of Science might be approached for support of the database as well, should additional funds be necessary.

5. Guest speakers:

This year’s guest speaker, Dr. James Adams, requested that his lodging be paid by the Society. Dr. Adams is a member of the Society of Kentucky Leps, but in the future, when keynote speakers come from outside, their travel expenses will have to be paid as well— we should budget $300-400 annually, as the Cornet Endowment at the University of Louisville is no longer available for the use of the Society.

6. Field trips:

The following field trips were proposed for 2005:

Spring: April 15 - 17 Upper Green River Preserve (Mammoth Cave Area): hosted by Jeff Marcus.

Summer: July 8 - 10 Morehead and vicinity: hosted by Al Smith (with help from Lorin Gibson and Mike MacGregor).

Fall: Sept 9 - 11 Paducah and Western Kentucky: hosted by Bill Black.

Late Fall: Oct 7 - 9 Statewide Papaipeima blitz: To be organized by Leroy Koehn and Bill Black (with a convergence in Paducah on the evening of October 8)

Respectfully submitted,
Jeffrey Marcus
"FOR HIS MANY CONTRIBUTIONS TO KENTUCKY LEPIDOPTEROLOGY"
LEROY KOEHN RECEIVES THE CARL CORNETT AWARD
BY WILLIAM BLACK, JR.

An early member of the Society of Kentucky Lepidopterists, Leroy Koehn made binge drives from Ohio, Virginia, Mississippi, and later from Florida, to join our field trips and meetings. Many were surprised to realize he had never actually lived in Kentucky, before he "moved back" to Kentucky in 2000, to manage three manufacturing plants for his company, Western Pacific Storage Systems.

Leroy is known nationwide among Lepidopterists for the durable light traps and bait traps he designs and fabricates. (Leroy has been heard to muse that his traps are on every continent!)

Leroy arrived this time to stay in Kentucky just when the Lepidopterists were needing a dose of adrenalin. Professor Charlie Covell immediately nabbed him for Editorship of the Society's newsletter. Leroy's experience as Editor of the Southern Lepidopterists' News equipped him to make major advancements in the quality of every aspect of the Kentucky Lepidopterist.

With a spirited enthusiasm, Leroy has led over half a dozen field collecting trips, including expeditions to Big Black Mountain in Harlan County, to the Daniel Boone National Forest area of McCreary Co., to Red River Gorge, and to the Pennyrile State Forest in Western Kentucky. His is an infectious exuberance. Professor Charlie Covell, himself the featured honoree of the meeting, presented the Carl Cornett Award to Leroy.

Leroy had just served as the Society's major liaison, coordinating with Professor Michael Sharkey and the University of Kentucky, to help plan the Society of Kentucky Lepidopterists' first annual meeting to be held in Lexington.

Leroy and Betty Koehn hosted the "after glow" gathering of members at their home in Georgetown, after the group had dined at the Bangkok House Restaurant in Lexington.

Betty served seven different gourmet desserts she had made! Everyone enjoyed browsing through Leroy's immaculate and spectacular collection, seeing his library and his work station where, with his cats, he mounts specimens and edits our newsletter.

All could appreciate Leroy's "many contributions to Kentucky Lepidopterology".

Dr. Covell present the Carl Cornett Award to Leroy Koehn

******************************************************

A NOTE FROM DR. CHARLES V. COVELL

Thanks for a wonderful day, and a fabulous forty years!

I had looked forward to November 20, 2004 for quite some time, and the occasion in Lexington, Kentucky was no disappointment. First, the Annual Meeting was well attended by many old friends, including my teen-days best friend, Bob Butler, from Phoenix, Maryland. He and I had begun collecting butterflies almost simultaneously in the fall of 1949, when I moved from Ohio to Southern Pines, North Carolina. Bob and I were in Boy Scouts together, along with two boys one year older: Joe Womble and Pete Grinnell. They were collecting and spreading butterflies, and had some from farther south that were gorgeous in their boxes. While Bob and I went separate ways not too long after, we kept in touch, and were each other's best man when we married. Bob said some nice things at the meeting, and presented me with matted photos he had taken to illustrate our first article in the Lepidopterists' News on Megathyminus yuccae in North Carolina (1957). Bob had met our mutual friend and the Kentucky Lepidopterists current president, Jack Dempwolf, when Bob began his working career in New Brunswick, New Jersey.
(Cont. from Pg.# 25) The two of them collected together around 1960, then Jack moved to Lexington, Kentucky. He was collecting around Lexington, and I visited him there and did my first collecting in 1962 when still in graduate school and en route to Ft. Knox to go to Army Reserve Camp. Jack moved to Cincinnati, Ohio to continue his work with Proctor and Gamble before I moved to Louisville in 1964. It was great having the three of us together again.

The talks were all enjoyable and well informed. Jeff Marcus is an excellent speaker. His students are lucky to have him as their professor in Biology courses at Western Kentucky University.

I have been exceedingly proud and happy that the Society has gotten to a stage of excellent self-sustaining membership, small though it is. Leroy's excellent work as editor of our newsletter has made all the difference in the world. It has been gratifying to see young lepidopterists developing, especially the Paris and Segebarth families in most recent time. The welcoming of both the University of Louisville Insect Collection and the Society of Kentucky Lepidopterists by Entomology Department Chair Dr. John Obrycki and Collection Curator Dr. Mike Sharkey at the University of Kentucky has given me great personal satisfaction and comfort. While much needs to be done to re-position specimens in rust-causing drawers to safer pinning bottoms, and the collection's development has miles yet to go, I feel that it is in the best possible hands, and will be available for your use and for research in the years ahead. A small synoptic collection was also left at the University of Louisville for those who might more easily visit there for identification of specimens.

I am as busy as ever down here in Gainesville, and hope to begin survey work at the Payne's Prairie State Park near town this spring. I hope to see you all when you can come by, and to show you the multi-million specimen collection we have, and our Butterfly Rainforest. My email address remains the same: covell@louisville.edu; so please let me hear from you! Thanks again for a wonderful Saturday in Lexington last November. I will remember your kindness always.

Cheers, Charlie

NEW GEOMETRID NAME

The name of the geometrid moth Euchlaena pectinaria D.&S. was corrected to Euchlaena deductaria Wlk. by J.B. Heppner ("Lepidoptera News", "Sep./Dec. 2002" (2004), pp. 6-7.

2005 DUES NOTICE

Dues for calendar year 2005 are now payable. A remittance envelope is included with this newsletter for your convenience. The year your dues are paid through is indicated after your name on the address label of this newsletter. Prompt payment is greatly appreciated and will insure that your newsletters will continue uninterrupted. The Society cannot afford to carry non-paying members as long as we have in the past; therefore members not paid by February 15 will be dropped. If you wish to resign as a member, the courtesy of letting us know along with payment of any back dues would be most appreciated.

******************************

MEMBERSHIP UPDATE

Richard D. Healy, Jr., 385 Lone Star Tower Rd., Bonneville, KY 42713

Jeffrey Belth, 4795 S. Woodbine Ave., Bloomington, IN 47403

John J. Obrycki, Dept. of Entomology, Univ. of KY, S-225, Ag. Science North, Lexington KY 40546; Work (859) 257-7450; E-mail: jjobrycki@yahoo.com; Insect biodiversity and conservation.

******************************

NEWSLETTER UP DATE

This is the last newsletter of Vol. 30. It was actually due in 2004. However, there were numerous people who were preparing articles or reports from the meeting that it took a long time to get it all together. A long time!!

2004 was another good year for the Society. There were three well attended field meetings. And of course the annual meeting will be well remembered. The U. of L. collection of Lepidoptera is now at the University of Kentucky and Dr. Covell is in Florida. There is still much to do.

2005 will be another good year. Four field meetings are planned, including a late fall meeting to search for Papapiemna moths. This late fall meeting with a good number of participants will be fun and exciting. And then the annual meeting at the University of Kentucky in Lexington in the November. This should be another good year of activities for the Society. Plan now to join us as often as you can. We look forward to seeing you!!
The Hosts of the Annual Meeting: Dr. Robert Obrechti and Dr. Michael Sharkey

Dr. Covell & Yin-Rei Djuh Hicks with the Portrait.

Bill Black, Betty Covell, Dr. Covell and Yin-Rei Djuh Hicks during the portrait presentation

Craig & Ian Segebarth presentation: Collecting Journeys in Kentucky 2003 & 2004

Julie & John Hyatt

Meeting Attendees
Dr. Michael Sharkey of the University of Kentucky present the plaque honoring Dr. Covell for the insect collection. The plaque will be place with the collection.

The Banquet at the Bangkok House.

Jeff Marcus Presents!

Ellis Laudermilk, Loran & Pat Gibson.

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
LEROY C. KOEHN, THE EDITOR
202 REDDING ROAD
GEORGETOWN, KY 40324

Jeffrey Marcus
Dept. of Biology, W. Kentucky University
1 Big Red Way
Bowling Green, KY 42101