
KENTUCKY LEPIDOPTERIST

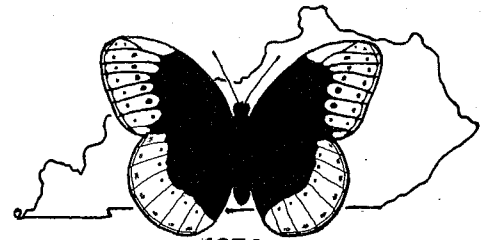
Newsletter of the Society of Kentucky Lepidopterists

VOLUME 20, NUMBER 4: DECEMBER 1994

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recycled paper



EDITORS' NOTES

After the 20th Annual Meeting there was a longer than normal delay getting material for the newsletter. Submissions dropped to near zero. By the time sufficient submissions rolled in, I was deep in the middle of taxes, and two other projects. This and an extended transfer to a new computer added to an already inordinate waiting period for this newsletter. At this time we are two issues behind. You'll be getting the next newsletter (Volume 21, Number 1) in a couple of weeks. I may not have enough to run a full issue after that, therefore I NEED YOU!! You are the lifeblood of the newsletter and we need blood donations! As was stated last year (but never carried through), in order to remain current and communicate with the newsletter, I can no longer hold the newsletter until there is sufficient copy to produce a full-sized issue. Should a deadline pass without submissions, the size of the newsletter issue will be dictated by the information received by the deadline. This can be even a single page. At least in this way, we can get out timely information. To aid you in your efforts, the deadline dates for the rest of the year are:

21:2 June 30, 1995

21:3 August 1, 1995

21:4 September 12, 1995.

PLEASE mark these dates on your calendars or maybe make a mark one week in advance of these dates. Thanks.

Submissions on ANY aspect of Lepidopterology are welcome. They may include (but are not limited to) those on field trips, collections, collection tips, photographic tips, making equipment, REARING TIPS (needed badly), butterfly gardening, etc. Also, the next issue will once again feature general submission guidelines. Electronic submissions via text files on disk, or E-mail text, are preferred and most appreciated. Those without these options may submit in writing. As always, please make sure that somewhere on page one, your name, address, phone number and E-mail address (if available) appears.

I am starting is a regular feature for the reporting of food and/or nectar plants. **ANYONE** can supply this type of information. Records on common species as well as lesser known species will be used. Please send me the following information (in order):

- 1) **Species** (and sex where possible).
- 2) **Numbers of individuals** w/in the species engaging in noted behavior.
- 3) **Nectar plant(s)** (for adults), **Food plant(s)** (for larvae), **Plant(s) oviposited on** (for females, also please confirm egg laying). Common names for plants should include as much of the scientific name as is possible. Where this is not possible, please provide as much information as you can. If you send a large pressed piece of a plant with any leaves, seeds, flowers and other features, we may be able to make an identification here. Information on foodplants of reared specimens is also appreciated but should be designated as "reared".
- 4) **Site, location, and date.** For site, please be as precise as possible. For location please include County, State, and any other information that may be of use. For date, please write out the name of the month or use roman numerals to designate the month.
- 5) **Any notes pertaining to the event** (behavior, habitat, time, etc.).

This type of feature should be useful for gardeners, butterfly and moth watchers, and ecologists alike. Please send in records as you get them and it may help others look for the same activity in their areas.

There is some confusion about what anniversary was commemorated by the 1994 meeting. Announcements for the 1993 meeting stated that it was the 20th Anniversary. Statements made in the newsletter for the 1994 meeting in November also stated it was the 20th Anniversary. The first meeting of the Society of Kentucky Lepidopterists was held on November 23, 1974. Hence the November 1994 meeting was the 21st Anniversary.

Someone wrote to ask why we do not use copyright symbols on the individual articles as do the

some other organizations. I looked into current copyright laws some time ago. The latest revisions protect all written word regardless of whether or not they bear the copyright symbol. This is true of written as well as electronic text. Thus I never used the symbols as they seem unnecessary. Should someone be able to shed additional light on this I'd appreciate the feedback.

1995 Field Trips: The Lineup thus far...

Paul A. Florence

Department of Biology, University of Louisville
Louisville, KY

The spring field trip will be held on the weekend of June 23-25, at Otter Creek State Park in Meade Co., Kentucky. There will be day and night collecting on Friday and Saturday, and day collecting on Sunday. It has been a long time since the KY LEP. SOC. has made a formal collecting trip into Otter Creek Park. The park is located approximately 45 minutes southwest of Louisville, and has a mosaic of habitats available for surveying. For information on location, lodging, meeting place and time, etc. contact Paul Florence at the University of Louisville: (502)852-6771 or Email me at PAFLOR01@ULKYVM.LOUISVILLE.EDU.

I am in the process of planning a fall field trip to the Pine Mountain Wildlife Management Area in Letcher and Harlan counties (in the extreme southeastern corner of the state). If you have any information or insight concerning this trip please share it with me.

The Fourth of July butterfly count will be held on July 8, 1995. This count will take place on the Horner Wildlife Sanctuary in Oldham County, Kentucky. We will meet at the grocery store in Brownsboro. Take I-71 to exit 14 (Ky. Hwy. 329), the grocery store is approximately 1 mile North of I-71 on Ky. Hwy. 329. The meeting time is 9:30 a.m. For further information concerning this trip please contact Charles Covell at the University of Louisville (W:502-852-6771; H 502-456-6122).

[ED NOTE: The following was also sent by Covell: This will be the 11th Annual NABA/XERCES Society butterfly count. We will count from 10 to 3, with a lunch break; so bring a lunch and drinks. Ours is one of the older counts, and has resulted in over 1000 butterflies being sighted. More experienced members will help newer members learn to recognize the local species.]

I mentioned this last year, but feel the need to do it again. I will be collecting in Bernheim Forest all

year long, and anyone interested in going is welcomed to. I have thought about planning a "formal" collecting trip for the KY LEP. SOC. to Bernheim. There has not been a great deal of insect collecting done in Bernheim, and it has the possibility of holding many state or county records (especially for moths)(not to mention we do not need collecting permits). So let me know what you think about taking a "formal" trip to Bernheim and, in the meantime, if you want to go just give me a call.

Notes on the 21st Anniversary Meeting

Charles Covell

Department of Biology, University of Louisville,
Louisville, KY

The 21st Anniversary Annual meeting of the Society of Kentucky Lepidopterists was held November 11-12, 1994, in Louisville. Proceedings began with the traditional party at the Covell's where Charlie showed some video of the Emmel group trip to Malaysia in May, 1994. Many members brought delicious contributions to the festivities.

At 9:30 AM the next day, we met at the same spot we have for 20 years: the Entomology lab at the University of Louisville's Life Sciences Building. People had specimens to show, exchange, get identified, and discuss. There were also books, T-shirts, garden seeds, and equipment for sale. At 1:00 PM President Floyd Preston convened the business meeting. Elections were held, and Dr. James Adams of Dalton, GA was named the 21st President. Charles Covell, Jr., was re-elected Secretary/Treasurer, and Barry Nichols as editor of the Kentucky Lepidopterist. Paul Florence was elected Field Trip Coordinator. Charles Covell was presented a Kentucky Colonel certificate signed by Gov. Brereton Jones. Dr. Paul Opler spoke on Western Butterflies and also graciously autographed copies of his books. [ED. NOTE: See two other articles related to the meeting elsewhere in this issue. Also, an address by President James Adams will be featured in the next issue of the newsletter.]

Dr. Charles Covell, Jr. Honored at 21st Annual Meeting

by William R. Black, Jr.,
Paducah, Kentucky

I had the privilege to present Dr. Covell with the certificate commissioning him a Kentucky Colonel during the 20th Anniversary meeting of the Kentucky

Lepidopterists. Below follows the text of the presentation.

"It is appropriate at the 21st Anniversary of the Society of Kentucky Lepidopterists, to reflect on the contributions of its co-founder and mentor, Dr. Charles V. Covell, Jr. He embodies not only the mind, but also the heart and soul of the Society of Kentucky Lepidopterists.

His contributions to the science of Lepidopterology in Kentucky are monumental. His leadership of the Survey of Kentucky Lepidoptera reflects unusual vision and stamina. This ongoing work spans more than two decades and involves coordinating the contributions of scores of individual collectors. He has participated personally in field collecting in each of Kentucky's 120 counties. As of this day, his thoroughly documented checklists of Kentucky Lepidoptera account for 2,206 species of moths and 144 species of butterflies. He has amassed, nurtured, and curated Kentucky's definitive collection of Lepidoptera at the University of Louisville.

Dr. Covell honors Kentucky by his excellence. His service to the science through the international Lepidopterist Society, his numerous scientific papers, his book *The Peterson Field Guide to the Moths of Eastern North America*, and his upcoming book on Kentucky Lepidoptera bring renown to him, to his university, and to his state. Kentuckians benefit from his ability to recruit the best scientific minds in Lepidopterology to come and share their knowledge at gatherings such as those sponsored by the Society of Kentucky Lepidopterists.

Known to his associates as "Charlie", he brings together those interested in butterflies and moths of Kentucky. He willingly takes time with anyone who brings him a bug. The special camaraderie of the Society of Kentucky Lepidopterists owes its unique character to Charlie's own inclusive spirit that invites the newcomer to become a part. He has included many fellow Kentuckians in the by-lines of his scientific writings and in the acknowledgements of his book. Charlie gives credit to others. He values their work, and lifts it up. He accepts their contributions. This spirit has galvanized creative scientific inquiry in the life of the Society of Kentucky Lepidopterists, and has marked this group as a prototype for other state and regional associations.

As Charlie Covell rejoices with each of his collectors over new state records, so they rejoice with

their Governor, Brerton Jones; as he honors Charles V. Covell, Jr. for the leadership and service he has given to the Commonwealth, by commissioning him as a Kentucky Colonel."

Changes to the KLS Constitution

Floyd Preston,
Lawrence, Kansas

The following change was adopted on 11/11/94 at the annual meeting:

Article 4: Organization - section (a) old wording:

The elected officers of this Society shall include a President, a Secretary/ Treasurer, an Editor, and a Field Research Coordinator. These officers as a group shall constitute the Board of Directors.

...new wording:

The elected officers of this Society shall include a President, a Secretary/ Treasurer, an Editor, a Field Research Coordinator, and two directors at Large, each of the two Directors at Large to serve for two years, except that in the first year of appointment of Directors at Large, one is to serve one year and one for two years. thereafter, one new Director at Large is to be elected in each year. These officers as a group shall constitute the Board of Directors.

The underlined material is the new, added wording.

NOTE: At the end of the current Constitution, change "12th" to "21st" and the date to 11/11/1994.

The following changes are to be considered at the 1995 meeting:

Change 1- Splitting Secretary/Treasurer:

Change Secretary/Treasurer in Articles 3(a) and 3(b) to read Secretary

Change Secretary/Treasurer in Articles 4(a) and 4(b) to read a Secretary, a Treasurer

Change 2 - Simplify nominating procedure

Article 4(b):

The President shall annually appoint a nominating committee of three (3) members of the Society. Said committee shall nominate at least one (1) candidate for each office, obtain a written statement from the candidate of willingness to serve, if elected; and submit a report of its activities to the President not less than sixty (60) days prior to each annual meeting.

The proposed changes is to eliminate the underlined words in Article 4(b)

Change 3 - Simplify Voting

Article 4(c)

The officers shall be elected by written ballot of the members present at the annual meeting, and shall serve from the following: January 1 for a period of one (1) year.

The proposed change is to eliminate the underlined words in Article 4(c)

Change 4 - Simplification of Awardee Selection

Article 6(b)

Awards shall be issued pursuant to recommendations by the Board of Directors and majority vote of the entire membership.

Proposed change is to eliminate the underlined words.

Change 5 - Qualification for low (i.e. bulk) mailing rates

I called the local US Post Office, here in Lawrence, Kansas and learned that the bulk mailing rate applies only to organizations mailing more than 200 pieces at one time at one post office. I did not know how many newsletters we mail so did not pursue the matter further.

Change 6 - Qualification for non-profit, tax exempt status, 501c(3)

The IRS is sending me the instruction booklet that tells how to fill in the application form. The form is included in the booklet. The booklet will arrive in two weeks. The form requires three to four months to process after it is received.

Notes on the Fall Field Trip

Charles Covell

Department of Biology
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Louisville, KY

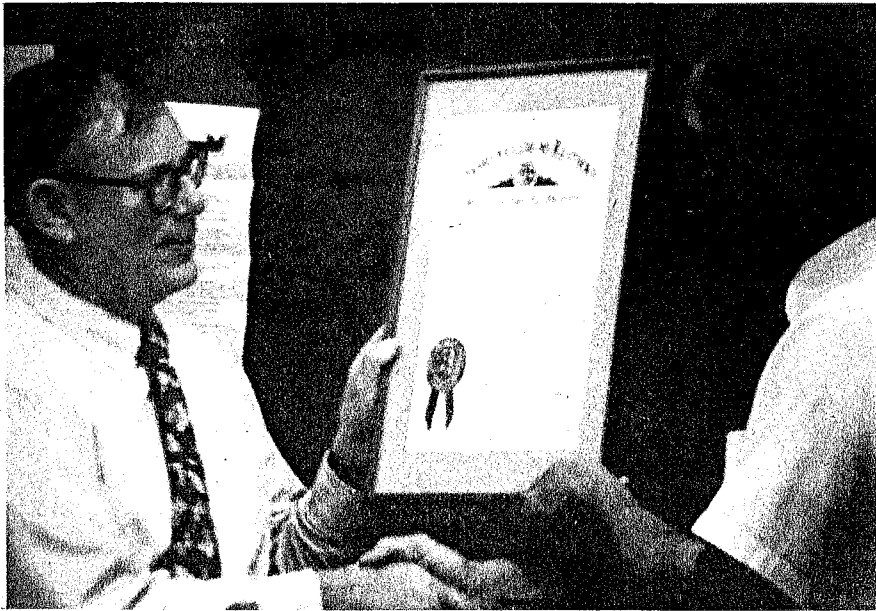
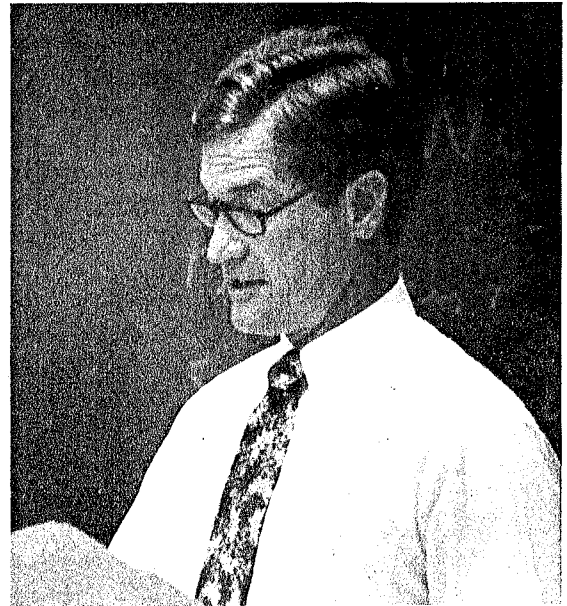
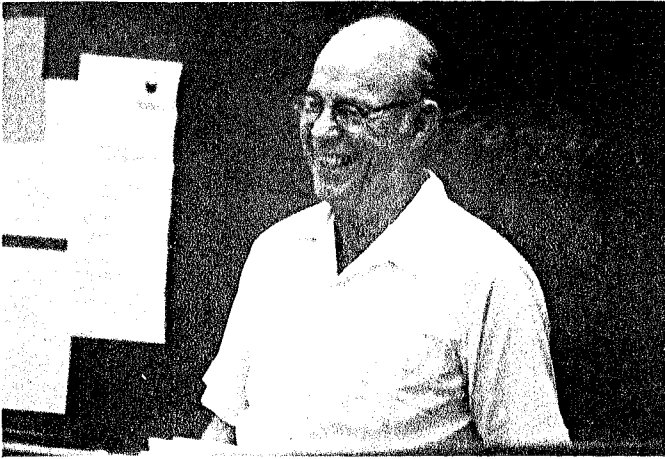
On September 9, 1994 I drove alone to western Kentucky. On the Western Ky. Turnpike, I observed *P. sennae* in Grayson and Ohio counties, and *D. plexippus* at Dawson Springs, Hopkins Co. I stopped at Pennyrite Forest State park, Christian Co., arriving rather late in the afternoon. No *Hesperia leonardus* or *Calephelis muticum* seen. Species recorded there included: *E. clarus*, *P. zabulon*, *P. glaucus*, *P. tharos*, *L. arthemis astyanax*, *S. cybele* (several, on thistle), and *Hermeuptychia sosybius*.

I arrived at Quality Inn, Fulton, and met some of the others in our group, including Carolyn Roof, who could not be with us the next two days. Bill Black was there, and the next day brought Keith Wood with him from Paducah. Others present at the field trip included John Enz, Paul Florence, Jessica Hutti and her dad, Jay, Brenda Salyer and her two friends, Leroy Koehn, John Peacock, John and Judith Shuey, and Judy Knauss and her son Nick.

On September 10 we spent the morning and early afternoon in the swampy bottom located 2.4 miles E. of Cayce in Fulton Co. on Rt. 94, called Willingham Bottoms. We put out bait traps the night before, and a blacklight trap, too. Butterflies recorded included: *E. clarus*, *A. numitor*, *H. phyleus*, *Wallengrenia egeremet*, *Atalopedes campestris*, *Poanes zabulon*, *P. yehl*, *Euphyes dion* (only one or two), *E. vestris*, *Battus philenor*, *Eurytides marcellus* (one seen by Bill Black), *Pterourus glaucus*, *Pontia protodice* (sighted by Peacock), *Pieris rapae*, *Colias eurytheme*, *Phoebis sennae*, *P. agarithe* (sighted by Peacock), *F. bachmanii* (sighted by Peacock), *A. vanillae* (seen by Salyer, Koehn and one other), *C. nycteis*, *P. tharos*, *P. interrogationis*, *P. comma*, *V. cardui*, *V. atalanta*, *J. coenia*, *L. arthemis astyanax*, *L. archippus*, *A. celtis*, *A. clyton*, *E. portlandia missarkae*, *E. anthedon*, *S. appalachia*, and *D. plexippus*.

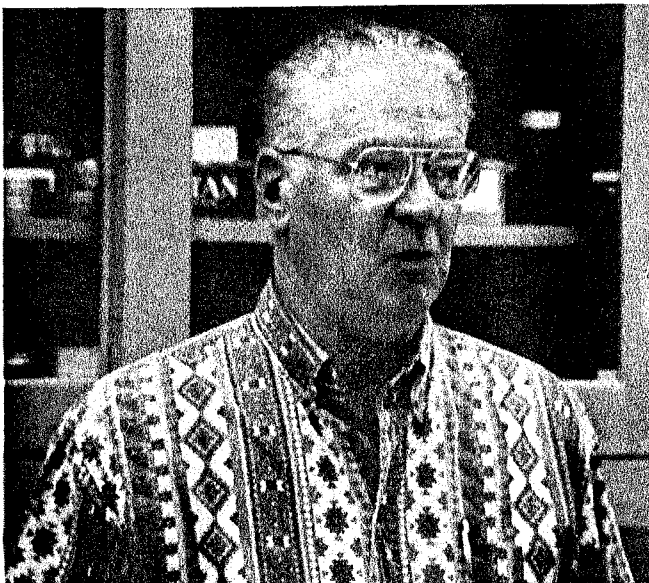
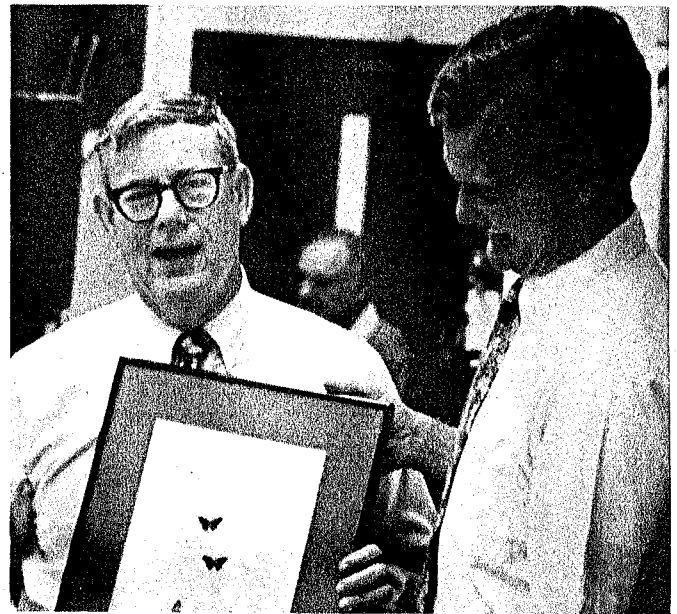
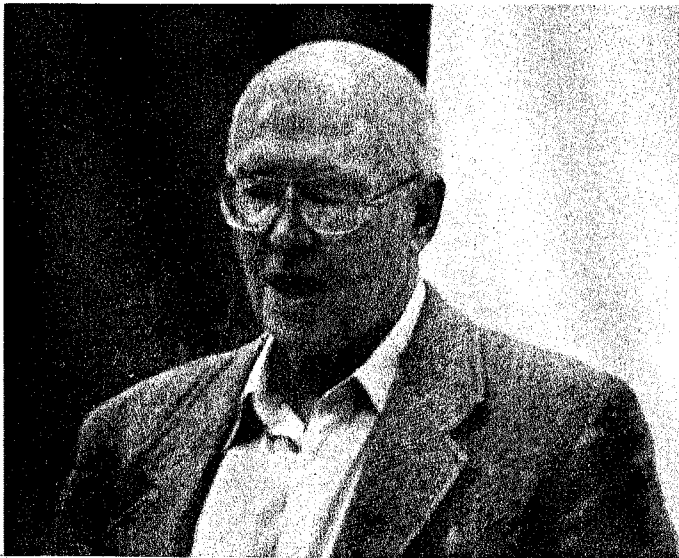
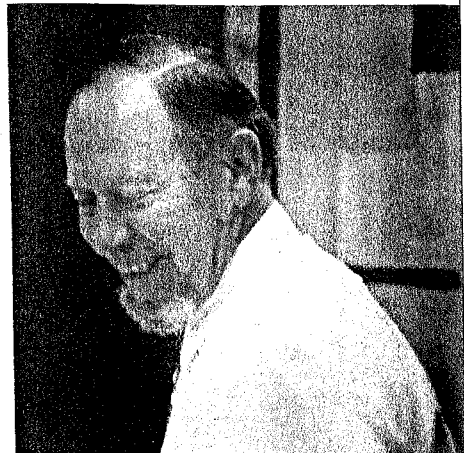
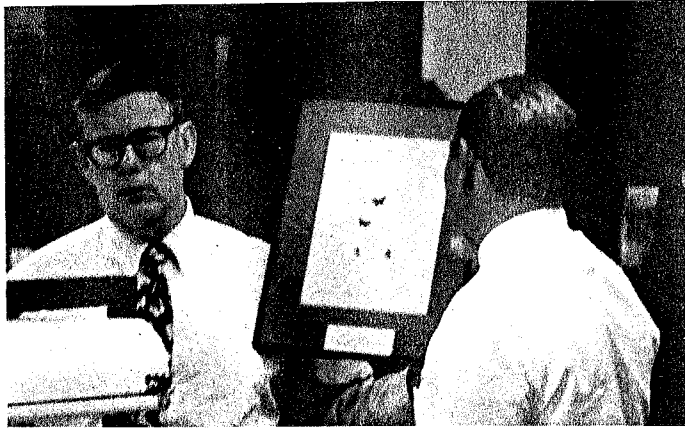
Out at the Bunge Corp. loading facility just west of Hickman, we recorded: *Pyrgus communis*, *E. lisa*, *E. nicippe*, *Z. cesonia*, *L. arthemis astyanax*, *P. interrogationis*, and many of the other species listed above. Bill Black's bait trap was filled with butterflies, mostly *L. archippus*. No hybrids were found this time, but *Z. cesonia* was more common than I had ever found it.

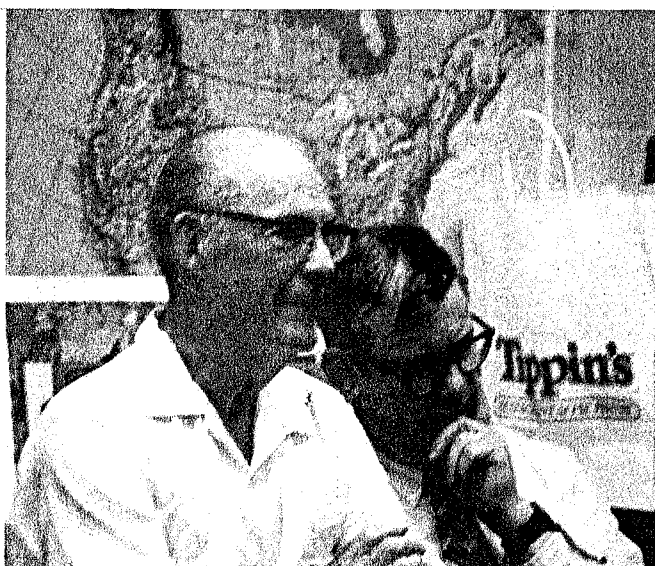
September 11 we went back to Willingham Bottoms from the motel in the morning. I did some photography and collecting before leaving about 1 PM. I took several *E. dion* in the dry field just east of the Willingham Bottoms spot, and recorded *Vanessa virginiensis* across the road from that spot. The total for the trip: 46 species. The butterflies were not as abundant this year, perhaps because of the drought. Additional species reported from the Willingham Bottoms spot by Leroy Koehn were: *Lerema accius*, *Hylephila phyleus*, *Polites origenes*, *Hylolycaena hyllus*, *Calycopis cecrops*, *Speyeria cybele*, and *Celastrina ladon*. His additional records from Hickman include *P. zabulon*, *P. ocola*, *Leptotes marina* (3rd KY record), *A. vanillae*, *V. atalanta*, *A. clyton*, and *D. plexippus*.



Photos from the 21st Annual Meeting of the Kentucky Lepidopterists' Society (November 1994), Louisville, Kentucky, USA. Names in captions follow subjects left to right.

TOP LEFT: President Floyd Preston presiding over the meeting. **TOP RIGHT:** Bill Black reads from the letter from Brereton Jones commissioning Charles Covell a Kentucky Colonel. **MIDDLE:** Covell accepts the award presented by Bill Black. **BOTTOM:** Charles Covell gives his acceptance speech.





FACING PAGE:

TOP LEFT: Charles Covell presents an award to Robert Gregg. **TOP RIGHT:** Robert Gregg admires his award. **MIDDLE LEFT:** Jim Merritt accepts his award. **MIDDLE RIGHT:** Charles Covell presents Bill Black with his award. **BOTTOM LEFT:** Roger Zebold discusses society business. **BOTTOM RIGHT:** Guest Paul Opler looks on the proceedings.

THIS PAGE:

TOP LEFT: Reed Watkins and John Peacock listening to Paul Opler's presentation. **TOP RIGHT:** Carolyn Roof, President of Garden Clubs of Kentucky, discusses butterfly gardening and educational programs for schools. **MIDDLE:** Outgoing President Floyd Preston and Charles Covell listening to Paul Opler's presentation. **BOTTOM:** Newly elected President James Adams and Charles Covell awarding door prizes.

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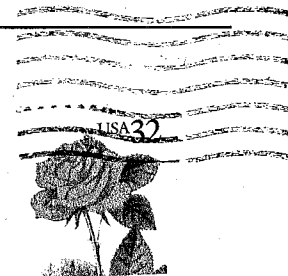
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