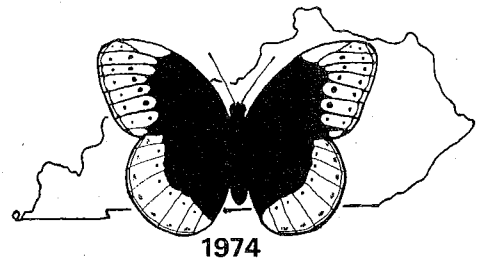

KENTUCKY LEPIDOPTERIST

Newsletter of the Society of Kentucky Lepidopterists

VOLUME 16, NUMBER 4: DECEMBER 1990

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7004 Ethan Allen Way,
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EDITORS' NOTES

Work on the index proceeds slowly. It should be completed in a couple of months. Again there was a problem in meeting the deadline for this issue. The problem is the lack of submissions by members. This lack of copy makes scheduling impossible. To alleviate this problem I have come up with all four deadlines for Volume 17. The deadlines are as follows:

- 17:1 MARCH 15, 1991
- 17:2 MAY 30, 1991
- 17:3 AUGUST 15, 1991
- 17:4 NOVEMBER 30, 1991.

If by each of these deadlines I don't have enough copy to produce an issue, I will hold the copy over for the next issue and combine the two issues. For instance, if I did not have sufficient copy for 17:1, the next issue would be 17:1&2 and would be out after May 30, 1991. I hope to someday have enough submissions to produce a larger newsletter.

Starting with Volume 17, a semi-regular series will be featured. These will be short articles on a group of leps, and may include topics such as flight period, habitat, collecting methods, rearing, etc. Many of you are extremely well versed in particular taxa and I strongly urge you to participate by writing articles for the series. Please contact me for any information you may need.

Many of you will have received a pink dues notice with this issue. This is part of the new dues policy that was announced last issue. All members will receive this notice with their last issue. No further notices will be sent. As always, your mailing label contains your standing.

I forwarded the idea of quarterly meetings at the University of Louisville to generate more interest in the society. Activities at these meetings may include

curation of the U of L collection, speakers, workshops on particular taxa or techniques, identification of your specimens, etc.

The meeting generated much discussion on a variety of options open to us. These will all be touched upon in a survey which will be included with the next issue. If you have items or suggestions for the survey, or would like to help with its preparation, please contact me.

REPORT OF THE 17th ANNUAL MEETING

by Charles V. Covell, Jr.

The 1990 Annual Meeting of the Society began with two lectures by our special guest, Dr. Lincoln P. Brower, of the University of Florida. The first was Thursday evening, Nov. 15, and drew 65 people, who heard him speak about "The Grand Saga of the Monarch Butterfly." On Friday afternoon he spoke to the Biology Department seminar group on "Annual Dynamics of Chemical Defense in the Milkweed Plant/Monarch Butterfly/Avian Predator System." That evening over 30 people attended the annual open house at the Covells'.

Saturday morning saw the group gather at the Entomology Lab in the Life Sciences Building at the University of Louisville. The collection of over 100,000 Lepidoptera was open for inspection; and many members worked on identifications, renewing or forming acquaintances, and looking at collections brought. The tasty Heitzman doughnuts were in plenteous supply.

At 1:30 President Christa Anderson chaired the annual business meeting. Secretary/Treasurer Covell reported \$326.53 in the treasury after costs of printing and mailing 2 newsletter issues and \$295 outlay for our new T shirts (see announcement of



availability elsewhere). Donations to the Identification Fund were generous in the past year, with a total of \$404 given, \$216 of which had been disbursed to pay for 77 identifications by Dr. W.E. Miller at Univ. of Minnesota. Barry Nichols, Editor, renewed his plea for contributions of articles great and small so we can fill the last issue of Vol. 16 of the Kentucky Lepidopterist. No club field trips were reported by Richard Henderson, although several of us had gotten together for collecting in Kentucky during the year (including 2 groups making July 4th Butterfly Counts for the Xerces Society). Elections were held, with the following results: Roger Zebold, President, Charlie Covell, Sec./Treas.; Barry Nichols, Editor of Kentucky Lepidopterist; and Jim Bess, Program Coordinator (known formerly as Field Trip Coordinator). Discussion followed regarding the mission and activities of the Society. Mike McInnis urged a return to the original purpose: to discover as fully as possible the extent of Kentucky's Lepidoptera fauna. Barry Nichols suggested monthly or quarterly meetings to work on the U. of Louisville collection, learn techniques, and do other things. Other ideas for activities include exchange of photos of Lepidoptera among members, a trip to Day Butterfly Center at Callaway Gardens, GA; changing the club to embrace all of entomology (and the name to "Kentucky Entomological Society" or such); asking additional speakers to address our group (several good prospects were suggested); a series of articles on various Lepidoptera families in newsletters; hands-on experiences for youth (including training for county 4-H entomology exhibits); activity as merit badge counselors for the Boys Scouts; availability of expertise to high school science program coordinators; and inter-relationships with other Kentucky nature organizations. All agreed that the focus on the state Lepidoptera focus should continue, even though the book on Lepidoptera of Kentucky is now about ready to publish (it is being formatted in a MacIntosh computer for camera-ready copy soon to be sent to the Kentucky Nature Preserves Commission).

After a short recess, Dr. Lincoln P. Brower gave his feature talk, "BIOLOGICAL RATIONAL FOR URGENCY IN CONSERVING THE MONARCH BUTTERFLY MIGRATION CYCLE IN NORTH AMERICA." The conservation of the phenomenon of this unique migration is imperative, and Dr. Brower presented evidence of the fragility of the roosting sites in Mexico, and problems in keeping the roosting forest sites free from woodcutting, smoke, and other hazards. Over 80,000 visitors saw these sites in 1989-90, and local Mexicans have not yet learned to utilize tourism logistics as an income source alternate to slash-and-burn farming, timber and charcoal production from the trees, and other destructive practices. He fears the sites will eventually become unsuited to overwintering of monarchs, and that the great migrations will largely be extinct. Thus, the possible extinction of a phenomenon - the migrations and roosting hordes. After discussion of Dr. Brower's talk, shorter presentations included "THE DEFENCES OF TIGER MOTHS (OR HOW TO LIVE WITH PREDATORS) by Dr. James K. Adams, Dalton College, GA; "COLLECTING IN IRIAN JAYA, INDONESIA, 1990" by C.V. Covell Jr.; "A NEW TRAP DESIGN" by George Balogh, Portage, MI; a slide presentation on Lepidoptera on stamps by Vince Lucas; and show-and-tell presentations by scouts of Troop 1, Paducah, and others. We adjourned after the traditional door prize drawing at about 5:30, and about 14 of the group dined together at Masterson's Restaurant near the campus.

Those registering attendance this year included Lincoln Brower, Charlie Covell, Bill Black, Jr., Keith Wood, Jonathan Feilor, Galen Rasche, Andrew Whiting, Paul Townsend, Seth Hendrix, John Elliott, John Suggs, Phil Jaeger, Bob Whiting, Mr. & Mrs. Amos Showalter, Mary Adams, James Adams, Eleanor Adams, Vincent Lucas, Roger Zebold, Richard Henderson, George Balogh, James Merritt, Christa Anderson, Eric and Pat Metzler, Mike McInnis, Don Wright, Robert Gregg, Loran Gibson, Jessica and Marianne Hutti, Troy Payne, Barry Nichols, Richard Cassell, and Yin-rei Hicks. Several others were present at the open house but missed the meeting.

These included Burt and Mark Monroe Marguerita Nichols, and Deborah McInnis.

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NOTICES

You can now own a "diana orange" T-shirt (M, L, XL sizes), emblazoned with the Great Seal of the Society of Kentucky Lepidopterists. Steve Loftin, who did the Lepidopterists' Society shirts, made these. Material is a blend (he couldn't find all cotton in orange). To order, send \$10 to Charles V. Covell Jr., Dept. of Biology, University of Louisville, Louisville, KY 40292. Make check payable to Society of Kentucky Lepidopterists, and state quantity and sizes desired. You may wish to include your order along with your 1991 dues. A provision for ordering is on the dues notice.

Wish to EXCHANGE for specimens of *Calephelis muticum*, particularly females. Can offer

numerous species in return. Ronald R. Gattelle, 126 Wells Rd., Goose Creek, SC 29445.

I would like to obtain a copy of TREE & SHRUB INSECTS OF THE PRAIRIE PROVINCES by W.G.H. Ives and H.R. Wong. 1988. INFORMATION REPORT NOR-X-292. It was published by the Northern Forestry Centre, Canadian Forestry Service. It is no longer in stock. If anyone knows of a copy please contact Barry S. Nichols, 7004 Ethan Allen Way, Louisville, KY 40272.

FINE BAIT TRAPS FOR SALE. Normal, cone-type traps and a "tropical" type with a wide lip instead of a cone. They are 3 ft. high, 15 in. in diameter, and have a 22 in. access zipper and a 16 sq. in. plywood base. Those with cones have a cone opening of 4 inches. Cost is \$35.00 (plus \$1.80 shipping). Contact Chris Ward at 1474 Melbourne Dr. SE, Girard, OH 44420, or call (216) 539-5374 for more information.

BOOKS FOR SALE. I am selling a complete library of books and journals (over 300 volumes) dealing with butterflies and moths from the United States and other countries, especially Africa. The books, old and new, are in very good condition. For a complete listing, send a self addressed stamped business sized (#10) envelope (SASE) with 45 postage to: Eric H. Metzler. 1241 Kildale Sq. N. Columbus, Ohio 43229-1306. Inquiries (with SASE) about individual items are welcome.

I wish to buy (or trade for) specimens of the following: *Speyeria diana*, *Speyeria idalia*, *Celastrina ebenina*, *Celastrina neglecta-major*, *Polygonia faunus smythi*, *Sphinx franckii*, *Sphinx eremitus*, *Sphinx eremetoides*, *Sphinx lucitiosa*, *Sphinx drupiferarum*, *Callosamia securifera* (cocoons & papered specimens of both brood forms), any *Amblyscirtes* spp., *Lethe creola*, *Lethe portlandia*. If interested please reply to Ira Nadborne, 1793 Riverside Dr. 2 I, New York, NY 10034, or call collect (212) 942-5721 and identify yourself as a Kentucky lepidopterist.

PUBLICATION FOR SALE: Buggy Books: A Guide to Juvenile and Popular Books on Insects and their Relatives by Gary A. Dunn. This unique reference provides information on 736 of the most significant "bug books" written for youth. The guide is invaluable to teachers, parents, naturalists, librarians, and entomologists. It includes titles, authors, publishers, dates, number of pages and illustrations, ISBN, price, age-appropriateness, contents, and quality/usefulness ratings. The titles are cross referenced by age-appropriateness, author, and subject. Cost is \$12.95, plus \$2.00 S&H. Make checks payable to the Young Entomologists' Society. Write Y.E.S., 1915 Peggy Place, Lansing, MI 48910-2553.

BUGGY TOYS FOR SALE: Don't be a humbug! We have a unique line of toys for girls and boys of all ages. Items include; books, resource guides, handbooks, project and collection aides, educational games, puzzles, insect puppets, stuffed animals, insect gliders, butterfly jewelry and crafts, and much more. For a free catalog write YOUNG ENTOMOLOGISTS' SOCIETY, 1915 Peggy Place, Lansing, MI 48910-2553.

A few members have asked about the source of the paper used in 17:2-4. It is called "Minimum Impact Paper" and is manufactured by Earth Care Paper Company". You can obtain it directly from them at 4601 Hammersley Road, Madison, WI 53711 or call (608) 277-2900.

Back issues of the Kentucky Lepidopterist may be ordered by Volume # (or year) for \$5.00 per volume.

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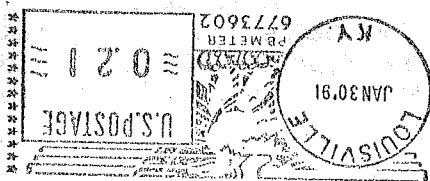
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