

# THE LEPIDOPTERISTS' SOCIETY

*22nd ANNUAL MEETING*

Featuring Symposia on

**BIOLOGY OF THE GENUS *COLIAS***

and

**COLLECTING LEPIDOPTERA  
IN THE SOUTHEASTERN U.S.**



Sponsored by

University of Louisville

101 Life Sciences Building  
University of Louisville  
Louisville, Kentucky

**JUNE 18 - 20, 1971**



The public is cordially invited to  
attend any session of this meeting.

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# PROGRAM

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## THURSDAY, JUNE 17

- 9:30 A.M. **Field Trip.** Depart from front of Life Sciences Building.
- 2:00 P.M. **Executive Council Meeting.** 335 Life Sciences Building.
- 7:30 P.M. **Open House.** The Covells', 2333 Brighton Drive.

## FRIDAY, JUNE 18

- 8:30 A.M. **Registration.** (Fee: \$1 for members). Coffee and doughnuts.  
**Sale of Banquet Tickets (\$3.85)**
- 9:30 A.M. **Opening Session,** C. V. Covell, Jr. Presiding  
Election of Secretary Pro Tem.  
Welcome Message:  
Dr. Woodrow M. Strickler,  
President University of Louisville.  
Announcements
- 10:00-10:15 A.M. **Mating of *Catocala relict* Walker (Noctuidae) in Captivity: Behavioral and Genetic Data.** Dr. Theodore D. Sargent, Zoology Department, University of Massachusetts, Amherst.
- 10:16-10:55 A.M. **Beyond the Visible Spectrum: Ultraviolet Colors in Butterflies.** Robert Silberglied, The Biological Laboratories, Harvard University, Cambridge, Mass.

10:56-11:25 A.M. **The Flight of *Callosamia carolina*.** Dr. Richard B. Dominick, The Wedge Plantation, McClellanville, S. C.

11:26-11:40 A.M. **Overwintering in *Nymphalis Antiopa* and *Polygonia faunus* in the Subarctic.** Dr. L. Keith Miller and Dr. Kenelm W. Philip, Institute of Arctic Biology, University of Alaska, College, Alaska.

11:41-11:55 A.M. **Moth Collecting on the OSA Peninsula, Costa Rica.** Dr. Julian P. Donahue, Department of Entomology, Los Angeles County Museum of Natural History, Calif.

12:00 Noon **Group photograph (copies available at \$1.25).**  
**Lunch**

1:00 - 4:00 P.M. **Symposium: Biology of the Genus *Colias*.** Dr. C. L. Remington, Moderator.

**Evolutionary Consequences of Mate Selection in *Colias eurytheme* and *C. philodice*.** Dr. Orley R. Taylor, Jr., University of Kansas, Lawrence.

**Ultraviolet Reflection Patterns in the Genus *Colias*.** Robert E. Silberglied, Harvard University, Cambridge, Mass.

**Experimental Studies of Food-plant Specificity in the *Colias eurytheme* Complex.** Denis E. Berube, Yale University, New Haven, Conn.

**Wing Color Variations in *Colias* - Their Control, Frequency, and Evolutionary Potential.** Dr. Charles L. Remington, Yale University, New Haven, Conn.

Genetic Polymorphism in Natural Populations of *Colias*, Electro-phoretically Detected. Dr. John M. Burns, Harvard University, Cambridge, Mass.

The Alaskan *Colias* - A Survey and Some Problems. Dr. Kenelm W. Philip, University of Alaska, College, Alaska.

Evening: Informal Evening Program: 8:00 P. M., Life Sciences, Room 101.

## SATURDAY, JUNE 19

### MORNING SESSION

Dr. John C. Downey, Moderator

9:00 - 9:20 A.M. Natural Hybridization in *Paonias* (Sphingidae). Sidney A. Hessel, Washington, Conn.

9:25 - 9:55 A.M. Territoriality in *Lycaena phlaeas*. Harry K. Clench, Carnegie Museum, Pittsburgh, Pa.

10:00 - 10:15 A.M. The Genus *Paramacera* (Satyri-  
dae), A Study in Nomenclatorial  
Confusion. Dr. Lee D. Miller, Al-  
lyn Museum of Entomology, Sar-  
asota, Fla.

10:20 - 10:50 A.M. Mass Rearing of Larval Lepidop-  
tera. Dr. Orley R. Taylor, Uni-  
versity of Kansas, Lawrence.

10:55 - 11:15 A.M. Notes on the *balanotes* (Meyrick)  
Group of *Oidaematophorus* Wal-  
lengren, with description of a new  
species. Dr. Everett D. Cashatt,  
Illinois State Museum, Springfield.

11:20 - 11:50 A.M. The Alaska Lepidoptera Survey.  
Dr. Kenelm W. Philip, Institute  
of Arctic Biology, University of  
Alaska, College.

12:00 Noon Lunch

## AFTERNOON SESSION

### SYMPOSIUM: Collecting Lepidoptera In The Southeastern United States.

Dr. Lee D. Miller, Moderator

- 1:00 - 1:10 P.M.      **Introductory Remarks.** Dr. Lee Miller, Allyn Museum of Entomology, Sarasota, Fla.
- 1:10 - 1:25 P.M.      **Southern Illinois.** Roderick B. Irwin, Chicago, Ill.
- 1:30 - 1:50 P.M.      **Kentucky.** Dr. Charles V. Covell, Jr., University of Louisville.
- 1:55 - 2:15 P.M.      **Virginia and North Carolina.** Col. Stanley S. Nicolay, and Gerald Straley, Virginia Beach, Va.
- 2:20 - 2:50 P.M.      **Moth Collecting in South Carolina.** Dr. Richard B. Dominick, McClellanville, S. C.
- 2:50 - 3:10 P.M.      **Coffee**
- 3:10 - 3:30 P.M.      **Butterfly Collecting in South Carolina and Georgia.** Billy J. Smith, Charleston, S. C.
- 3:35 - 3:50 P.M.      **Louisiana.** Gayle T. Strickland, Baton Rouge, La.
- 3:55 - 4:10 P.M.      **Florida.** Mrs. Jacqueline Y. Miller, Allyn Museum of Entomology, Sarasota, Fla.
- 4:15 - 4:35 P.M.      **Geological History and Geomorphology of the Southeast.** F. Martin Brown, Colorado Springs, Colo.
- 4:40 - 5:00 P.M.      **Relationships Between Certain Southeastern U.S. and Mexican Butterflies.** Harry K. Clench, Carnegie Museum, Pittsburgh, Pa.

## EVENING PROGRAM

Annual Banquet, 7:30 P.M., Faculty Dining Room, University Center Building, University of Louisville. (Meet 6:30 for Social Hour).

### *Presidential Address:*

**Natural Hybridization in Lepidoptera: The Status of Knowledge and Research Opportunities.** Dr. Charles L. Remington, Yale University, New Haven, Conn.

## SUNDAY, JUNE 20

- 9:00 -12:00      Annual Business Meeting  
Dr. Charles L. Remington, President, Presiding.
- 1:00              Field trip, departing from Life Sciences Building.



## COMMITTEES

### Local Arrangements:

Dr. Charles V. Covell, Jr., Chairman, Phone: 636-4794  
Carl C. Cornett  
Greg Florence  
James P. Tuttle  
Dr. James R. Merritt

### Program Committee:

Dr. Lee D. Miller, Chairman  
Dr. Charles V. Covell, Jr.  
Dr. John C. Downey  
Dr. Charles L. Remington