



## NEWS

of the LEPIDOPTERISTS' SOCIETY

Number 4  
15 July, 1971

*Editorial Committee of the NEWS . . . .*

EDITOR: Dr. Charles V. Covell Jr., Dept. of Biology, Univ. of Louisville,  
Louisville, Ky., USA, 40208

ASSOC. EDITOR: Dr. Paul A. Opler, Div. of Entomology, 201 Wellman Hall,  
Univ. of California, Berkeley, California, USA, 94720

J. Donald Eff  
Thomas C. Emmel  
H. A. Freeman  
L. Paul Grey  
Richard Heitzman

John Heath  
G. Hesselbarth  
Robert L. Langston  
Lloyd M. Martin  
F. Bryant Mather  
E. J. Newcomer

K. W. Philip  
F. W. Preston  
G. W. Rawson  
E. C. Welling M.  
R. S. Wilkinson

## ***Resume of the 22nd Annual Meeting of the Society***

On June 18 at the University of Louisville 54 members, many with family and friends, registered. Twenty states from Maine to Alaska — plus Canada, Honduras and El Salvador — were represented. Program highlights were symposia on the genus *Colias* and on faunal studies in the southeastern states, organized by C. L. Remington and Lee D. Miller, respectively. Many submitted papers were also included on the 18th and 19th. At the annual banquet Saturday evening Dr. Remington gave a fine, well-illustrated presidential address entitled "Natural Hybridization in Lepidoptera: The Status of Knowledge and Research Opportunities."

The evening was capped off with the drawing for 14 door prizes which had been graciously donated by Arthur C. Allyn, Homer Edgecomb, Irwin Leeuw, Entomological Reprint Specialists, and Entomology Research Institute.

Field trips were held on Thursday, June 17, and after the close of the meeting on Sunday. Exhibits included neotropical skippers from Steve Steinhäuser's collection, Lepidoptera from the C. V. Covell and University of Louisville collections, scanning electronmicrographs from the Allyn Museum of Entomology, color photographs of *Callosamia carolina* by R. B. Dominick, publications from the Smithsonian Institution and Entomological Reprint Specialists, and collecting equipment from Entomology Research Institute.



AT REGISTRATION (Left to Right): Dick and Tania Dominick, Dave Hardwick, Jim Merritt, and Leroy Isaacs.

Two meetings of the combined Executive Council and Publications Board were held on Thursday and Sunday, with President Remington presiding, and Lee D. Miller as Secretary *Pro Tem*. Much important business was transacted, the major points being:

1. Establishment of an *ad hoc* committee to review the Constitution with the purpose of making needed changes. Most urgent are wording changes to conform with the Internal Revenue Service criteria for non-profit organizations, of which we are attempting to become one.
2. Lee D. Miller was appointed Editor of the *Supplement* series, three of which have just been published. The *Supplements* appear irregularly, and to avoid confusion in numbering will henceforth be numbered

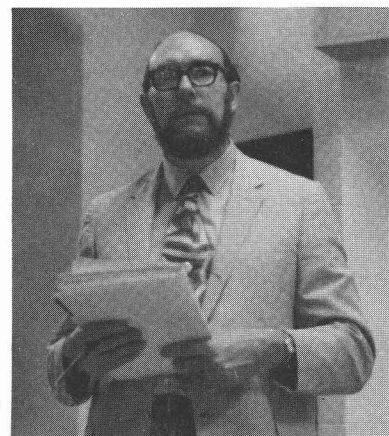


RAP SESSION (Left to Right): Sid Hessel, Glen Belyea, C. L. Remington, Julian Donahue, and Bob Taft.

consecutively, beginning with No. 7 (the next to be published). Those already published should be numbered 1 - 6 (the three appearing this year being nos. 4-6). Supplements are not to be considered as appended to any given volumes of the Journal.

3. Two important decisions concerning the News are:

- a. The News, beginning immediately, will be published 6 times per year, on the 15th of January, March, May, July, September, and November. The Field Season Summary and biennial Membership List will comprise numbers of the News, as in the past.
- b. The Field Season Summary will henceforth be published following the format and philosophy used prior to this year, including more detailed and local data contributed by as many members as possible. This policy is overwhelmingly supported by all members who attended the Annual Meeting this year plus a number who have written to the Editor. With the reduction to 6 issues of the News per year, drastic cutting of the Summary for financial reasons is no longer felt necessary.



President C. L. Remington addresses the gathering.

4. A number of persons were discussed as successor to Dr. Hardwick as Journal editor, but no decision was reached. Dr. Remington is continuing a study of the possible candidates, and the Council will decide later this year.
5. It was decided to initiate page charges for publication in the Journal at the current rate per page (\$17.50 at present). This rule will apply only to contributors who have sources of such money, such as grants or institutional publication funds. **NO ONE WILL BE ASKED TO PAY ANY PAGE CHARGES FROM HIS OWN POCKET.** Many of our authors have research funds available for this purpose, and almost all other journals require such payment. Color plates will be published in the Journal only if the author bears responsibility for the cost.
6. The Nominating Committee announced that Dr. J. F. G. Clarke of the Smithsonian Institution will be on the fall ballot for the office of President-Elect.
7. Localities for future annual meetings were decided as follows: 1972, San Antonio, Texas; 1973, The Allyn Museum of Entomology, Sarasota, Fla.; 1974, The Los Angeles County Museum, Los Angeles, Calif.; 1975, The University of Massachusetts, Amherst. No commitment was made for 1976, but an invitation is being considered from Madison, Wisconsin.
8. It was decided that the 25th Anniversary Commemorative Publication will be printed as a separate publication of the Society and offered for sale as such. Roy O. Kendall is working hard on this project.
9. Nominations for Honorary Life Membership were discussed, and it was decided that henceforth nominations will have to be accompanied by appropriate biographical and bibliographic information.



In addition to the Council meetings, the final business meeting of the Society on Sunday morning included discussion of most of the above matters. Resolutions were presented by Julian P. Donahue and Harry K. Clench, who comprised the Resolutions Committee. These resolutions thanked the Local Arrangements Committee and University of Louisville for hosting the Annual Meeting, Dr. David F. Hardwick for his labors as Editor of the Journal, and Dr. John C. Downey for eight years of devoted service as Secretary of the Society.

I would like to take this opportunity to thank some of those who helped make this meeting so successful: Carl C. Cornett, Greg Florence, Richard Henderson, Jim Merritt, Jim Tuttle, and my wife Betty for various aspects of local arrangements; and John Downey, Lee Miller, and C. L. Remington for providing the stimulating program.

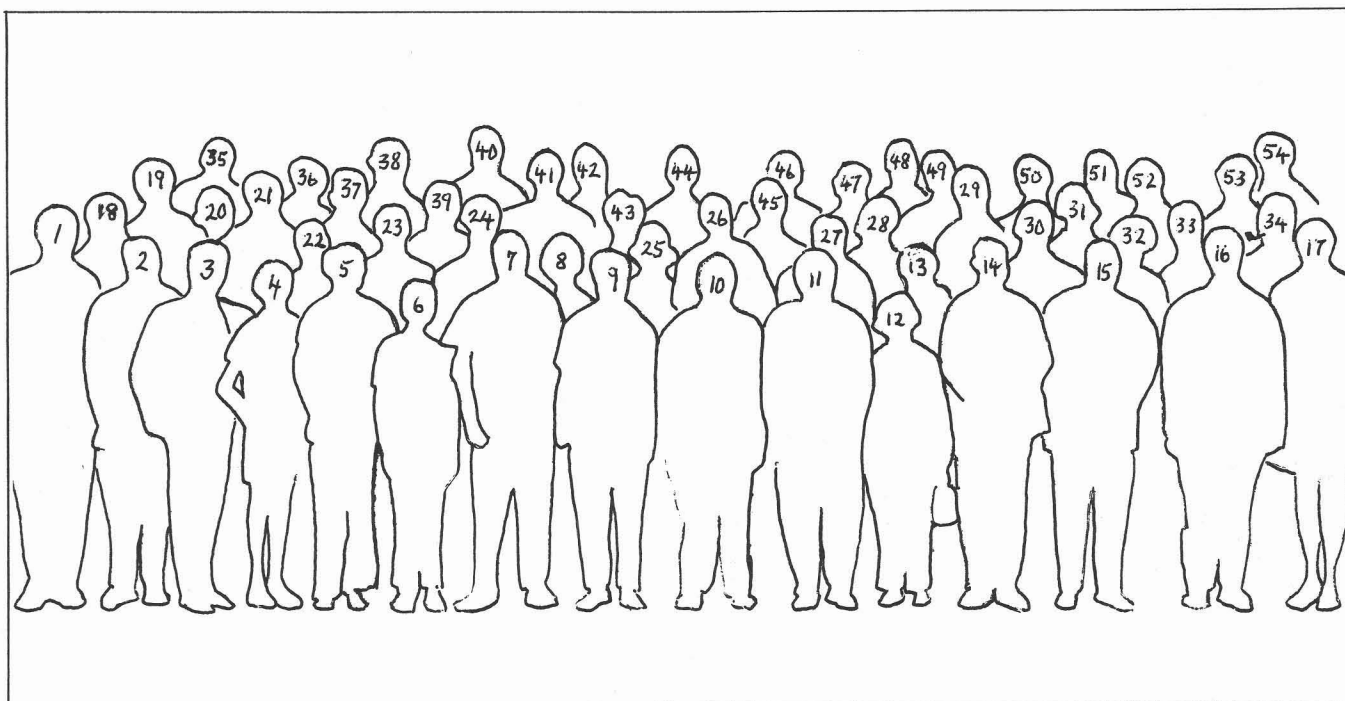
Full minutes of the Meeting will be published in the Journal at an early date.

—CHARLES V. COVELL, JR., EDITOR

#### IDENTIFICATIONS OF PICTURE ON PAGE 2

- |                            |                               |                          |
|----------------------------|-------------------------------|--------------------------|
| 1. CHARLES L. REMINGTON    | 19. SIDNEY A. HESSEL          | 37. WILLIAM H. TAFT, JR. |
| 2. DENIS E. BERUBE         | 20. ARTHUR C. ALLEN           | 38. JOHN T. SORENSEN     |
| 3. ROBERT E. SILBERGLIED   | 21. DOROTHY DUNKLAU           | 39. GEORGE F. BREWER     |
| 4. JOHN BARTLETT           | 22. SIEGFRIED SCHOLZ          | 40. MO NIELSEN           |
| 5. JO BREWER               | 23. GREG FLORENCE             | 41. JAMES R. MERRITT     |
| 6. RONALD TUTTLE           | 24. ROBERT D. LEHMAN          | 42. J. B. WOOD           |
| 7. DON EFF                 | 25. MRS. STEVE R. STEINHAUSER | 43. SUZANNE C. REUTER    |
| 8. MRS. ROBERT D. LEHMAN   | 26. STEVE R. STEINHAUSER      | 44. KENELM W. PHILIP     |
| 9. LELAND MARTIN           | 27. GEORGE W. KAMP            | 45. GLENN Y. BELYEA      |
| 10. JOHN H. NEWMAN         | 28. JOHN M. BURNS             | 46. J. F. G. CLARKE      |
| 11. A. E. BROWER           | 29. ORLEY B. TAYLOR           | 47. LLOYD M. MARTIN      |
| 12. MRS. GEORGE W. KAMP    | 30. LESLIE A. FERGE           | 48. JOHN C. DOWNEY       |
| 13. MRS. FLORENCE FERGE    | 31. MRS. DAVID F. HARDWICK    | 49. STANLEY S. NICOLAY   |
| 14. EVERETT CASHATT        | 32. MRS. RICHARD B. DOMINICK  | 50. DAVID F. HARDWICK    |
| 15. HARRY CLENCH           | 33. RICHARD B. DOMINICK       | 51. CARL C. CORNETT      |
| 16. CHARLES V. COVELL, JR. | 34. LEE D. MILLER             | 52. JULIAN P. DONAHUE    |
| 17. JACQUELINE Y. MILLER   | 35. RICHARD A. HENDERSON      | 53. W. DONALD DUCKWORTH  |
| 18. THEODORE B. SARGENT    | 36. MRS. JOHN T. SORENSEN     | 54. R. B. BLACKWELDER    |

Absent from picture: F. MARTIN BROWN, GRACE KEMPER, MR. & MRS. ROY O. KENDALL, PHIL NORDEN, and JAMES P. TUTTLE.





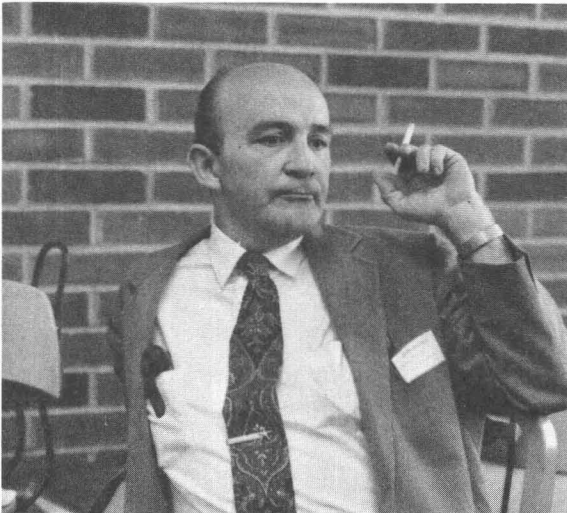
# AN ANNUAL MEETING ALBUM



*Ken Philip attends to business.*



*At Executive Council Meeting: R. B. Dominick (left) and Roy O. Kendall.*



*Harry Clench thinks it over.*



*Julian Donahue puts a bug in Lloyd Martin's ear.*



*Field trippers at rest.*



*At annual banquet, A. E. Brower chats with Jim Merritt.*



## THE PERFECT HOBBY

This little essay is hardly necessary, I suppose, as most Lepidopterists have probably mused (as exhausted they rested after a particularly arduous capture) on the subject of "Why do I do this?" Since many "professionals" are really amateurs who consider their chosen profession a successful circumvention of the "law of the Medes and Persians," this topic should have universality among all lepidopterists.

I've thought about it some, and concluded that collecting Lepidoptera (and tangential studies) embodies the perfect synthesis of educated man's talents and yearnings for truth and beauty. All the procedures of making a collection of butterflies taken together involve one in a wide range of activity. And any part can be expanded to the exclusion of other parts to suit the conditions under which one finds himself (in energetic youth or sessile age; in snatches of precious time, or when with time to burn; at home or abroad). In short, the flexibility of the discipline is a prime factor in its perfection. Thus one can concentrate on field work, in appropriate health and season, but spend homeridden hours in spreading, identifying, studying and corresponding when snow is adriftin' or the bodily machine is somehow impaired.

The first appeal of collecting Lepidoptera is aesthetic. The beauty of butterflies and moths in seemingly interminable variety just has to be part of one's initial attraction to this avocation. The butterfly collection that turned me on at age 13 was small, rather poorly spread, unlabeled, on dressmakers' pins, and in an old foot locker. But that riot of color (I remember especially the Phoebis agarithe and Agraulis vanillae) turned a switch on in me, as it has in thousands of us, and I know no psychedelic effect to beat an array of Morpho, Catagramma, or countless other tropical Lepidoptera. There is also great appeal in the order of well-spread material, particularly expertly prepared squadrons of microlepidoptera. Thus our collections provide us with beauty in the natural features of the insects and also in the exquisite workmanship of an outstanding collection.

A second major quality of collecting Lepidoptera is the athletic aspect. A good hike after butterflies, with a few sprints included, is an ideal way for the young person to build a strong body — for its own merits, or for sports. Later, as one becomes less strenuously active in the workaday world, many of us depend on our field work to keep us active and more nearly trim. Here again flexibility is possible, by varying the length, terrain, or pace of one's collecting. Night collecting for moths can be a workout, too, especially if you lug a couple of wet-cell batteries some distance from car to collecting site.

Third, there is the intellectual facet. One cannot progress far before he needs to delve into such subjects as biological nomenclature, insect anatomy, ecology, history, botany, biogeography and genetics — to name just a few areas. Much of this can be self-taught through the growing profusion of articles and books; and much more is there to learn than any of us can pursue deeply in a lifetime. There is always the chance that some new avenue will present itself to us, and we can discover something new and exciting (a new species, a new host plant, a new hormone, a behavioral detail). The capability for intellectual growth in a person — young or adult — with the stimulus of great interest in an area such as Lepidoptera can be phenomenal, and demonstrate learning at a greater rate than is shown in conventional learning situations (such as school). The freedom of perfect initiative — i.e. the "hobby situation" — accounts for this high degree of learning productivity, I feel.

Then there is the creativity involved. This may be expressed in ingenious experiment (special nets, traps, "catch boxes", light setups, spreading boards), choice of specialties (a state fauna, expertise in one family, groups not well known), methods of mounting or displaying specimens (pinned arrays, Riker or other mounts, plastic), or just about any other aspect. Lepidopterists find their way into the finer points of writing, art and scientific drawing, photography, carpentry, electronics, literary and historical research, metal work, horticulture, and all sorts of scientific research. You can certainly add many other areas to this list. Lepidopterists are often extremely innovative in these fields, as they adapt skills to their needs relative to Lepidoptera.

Another major reason for the appeal of Lepidoptera is that, unlike stamps, they are part of Nature. When collecting, one enjoys all the other parts of the experience in sky and herbage. Those of us in the city especially appreciate the chance to find one of the ever-fewer spots where we can be alone with the flora and fauna and pursue a goal unsullied by other cares. Somehow, as we look over our collections, we remember pleasant moments of summers past. Specimens recall experiences; and even the temporary cost of mosquito, chigger and tick bites seems small indeed. Such experiences are pure recreation.

For many of us collecting does something for the soul. It may be one-upmanship (first in your crowd to catch a Morning Cloak), or it may be the enjoyment of the "Oh's and Ah's" of friends who first see a lovely collection — yours. Again, for some, financial value of the specimens may be the lure. Or it might be the feeling you are doing something few others can appreciate. Whatever the psychological attachment, we have a lot of ourselves

invested in our collections, and they are somehow very important in our lives.

Finally, the perfection enjoyed by Lepidopterists is in the friends he meets through his pursuit of lepidopterology. What can be more enjoyable than a new correspondent? Or chance discovery of a kindred spirit? I'll never forget one evening when four of us — two pairs of boyhood collecting pals — all got together. The yarns went 'round late into the night. There's nothing like a common interest in Lepidoptera to make brothers of strangers in a hurry. I believe that the first value of the Lepidopterists' Society has been to foster interest in Lepidoptera by bringing its members together for correspondence, exchange, and actual meeting and working together. For many, the Society keeps the flame of interest alive during periods of inability to be active; for others it is a means of building knowledge, enthusiasm and personal ties that lead either to a life-long devotion as an amateur or a "professional" to Lepidopterology — the perfect hobby.

— C. V. COVELL, JR.

---

**NOTICE OF MEETING AND CALL FOR PAPERS  
THE LEPIDOPTERISTS' SOCIETY  
EIGHTEENTH ANNUAL MEETING OF THE PACIFIC SLOPE SECTION  
SANTA BARBARA, CALIFORNIA, AUGUST 28, 29, 1971**

*The Santa Barbara Museum of Natural History will act as host.*

Nelson W. Baker of the Santa Barbara Museum is Chairman of the local arrangements, and information on motels, hotels, etc. may be obtained from him. Those arriving on Friday, August 27 should plan reservations for that night. An informal get-together for Friday evening is planned, or members may gather independently. Registration for the meeting will be 9-10 a.m. Saturday. The annual banquet will be Sat. night Aug. 28 in Santa Barbara.

No field trip is scheduled as part of the meetings. However, those who wish to arrive early, or stay later may get advance data on possible areas from Central Calif. members or the Zone 1 Coordinator.

**CALL FOR PAPERS**

Anyone wishing to present a talk, or have a paper read in absentia, please fill out form below and send to Robert L. Langston, 31 Windsor Ave., Kensington, Calif. 94708. Please give exact title of presentation and your address or organization (as it will appear on program). A slide and movie projector will be available. Any symposium or colloquium subjects will be dependent upon response. Please submit titles by July 30 so that programs can be printed.

Time is planned for informal presentation of slides, discussion and exchange. Plan to attend this weekend, and help us make the 18th. Pacific Slope Meeting a success!

Robert L. Langston & Paul A. Opler, *Program Committee*

Nelson W. Baker, *Local Arrangements*

Santa Barbara Museum of Natural History

Santa Barbara, California 93105

(SEND THIS INFORMATION:)

Name: \_\_\_\_\_ Prefer Sat. \_\_\_\_\_

Address: \_\_\_\_\_ Prefer Sun. \_\_\_\_\_  
(or organization)

TITLE OF PRESENTATION \_\_\_\_\_

EQPT. NEEDED:

Slide projector \_\_\_\_\_

Movie projector \_\_\_\_\_

Other \_\_\_\_\_

Urgently needed for the Twenty-fifth Anniversary Journal issue is information on the following Charter Members of the Lepidopterists' Society. Are they still alive? If deceased what was date of birth and death? Please send information to: Roy O Kendall, 135 Vaughan Place, San Antonio, Texas 78201 U.S.A.

- |                                       |                                     |
|---------------------------------------|-------------------------------------|
| Adelphe, Brother (Ont., Canada)       | Kaiser, Justus (N. Y.)              |
| Ahlen, Charles (N. Y.)                | Kellner, John J. (N. Y.)            |
| Alexander, Prof. Charles P. (Mass.)   | Key, Edward S. (Ohio)               |
| Allison, Mrs. A. Crawford G. (Penna.) | - Lauck, Albert G. (Ill.)           |
| - Anderson, Andrew (Wash.)            | Learned, Dr. Elmer T. (Mass.)       |
| Araujo, Dr. R. L. (Brazil)            | - Mack, Mrs. Myrtle A. (Calif.)     |
| Bailey, Prof. Norman S. (Mass.)       | - Mattoni, Rudolf H. T. (Calif.)    |
| - Baker, Clement W. (Ohio)            | Meyer, William T. (Calif.)          |
| Beal, John L. (N. Car.)               | Mills, Brooks B. (N. Y.)            |
| Beebe, Ralph (Mich.)                  | Mueller, Paul H. (N. Y.)            |
| Boswell, John S. C. (Tenn.)           | Murphy, Gardner (Mass.)             |
| Bridwell, L. H. (Tex.)                | Nelson, Carl J. E. (Colo.)          |
| Brumbaugh, John M. (Tex.)             | Panske, Leonard G. (Ill.)           |
| Carpenter, Prof. Frank M. (Mass.)     | Park, D. Francis E. (Mass.)         |
| Carpenter, S. C. (Conn.)              | - Parker, Dwight E. (Calif.)        |
| Carr, Robert (Ohio)                   | Pickel, Benjamin H. (Mo.)           |
| Clay, Charles I. (Calif.)             | - Price, Homer F. (Ohio)            |
| Clement, Ian D. (Mass.)               | Reese, Miss Jean (Md.)              |
| Coher, Edward I. (Mass.)              | Reeves, Robert T. (Calif.)          |
| - Cook, Carl (Ky.)                    | Reid, Robert H. (Calif.)            |
| Crawford, Dr. John W. (Mass.)         | - Renk, Bro. John J. (Wisc.)        |
| Creelman, James L. (Calif.)           | Robinson, Paul F. (Mass.)           |
| Crickmer, Noel (Calif.)               | Salazar, Sr. M. (Honduras)          |
| Crystal, Bruce W. (N. Y.)             | Schroeter, Otto H. (Conn.)          |
| Davis, John E. (Ore.)                 | Sheppard, Arthur C. (P. Q., Canada) |
| - Dickenson, Ronald (Calif.)          | Smalley, Stephen B. (Ohio)          |
| Fauteux, Jacques M. (Mass.)           | - Smith, M. Eugene (Ga.)            |
| Ferguson, Elias A. (Ohio)             | Stauffacher, Mrs. Emil W. (Wisc.)   |
| Field, W. L. W. (Mass.)               | Stevens, Herbert (England)          |
| - Fitch, Richard J. (Sask., Canada)   | Sweetman, Harry F. (Minn.)          |
| Ford, Robert J. (Calif.)              | Thomson, Samuel C. (Tex.)           |
| Frederick, Edward J. (Calif.)         | Towers, Abner A. (Conn.)            |
| - Friday, F. W. (Calif.)              | Travis, Miss Dorothy (Mass.)        |
| Fuller, Stanley V. (Va.)              | Troyer, Sprague (Ont. Canada)       |
| - Glasgow, Clyde L. (Wyo.)            | Varnier, M. (France)                |
| Grey, Dr. P. H. H. (P. Q., Canada)    | Vogel, Harold A. (Mich.)            |
| - Griewisch, Louis W. (Wisc.)         | - Weber, Bernie H. (Calif.)         |
| Grimshawe, Mrs. Florence M. (Fla.)    | Werner, Floyd G. (Mass.)            |
| Guedet, Ref. Edward F. (Calif.)       | Wilhelm, Herman P. (Conn.)          |
| Haynes, Mrs. Vonta P. (Mich.)         | Williams, Dr. Joseph L. (D. C.)     |
| Heid, Graham (Calif.)                 | Wood, Carroll E., Jr. (Mass.)       |
| Holley, F. E. (Ill.)                  | - Woodcock, Harold E. (Ill.)        |
| Jay, William (Penna.)                 | Woodcock, Joseph M. (N. Y.)         |
| Johnston, Edward C. (Wash.)           | Wyatt, Alex K. (Ill.)               |
| Johnston, William M. (Mass.)          | Young, Dr. Frank N. (Fla.)          |

## BOOK REVIEWS:

*Hodges, Ronald W.*, 1971 THE MOTHS OF AMERICA NORTH OF MEXICO. Fascicle 21: SPHINGOIDEA. Curwen Press, London, 158 + xii pp., 19 text figs., 14 color pls., 2 pls. of structures. Distributors include: E. W. Classey Ltd., 353 Hanworth Rd., Hampton, Middlesex, England; and in U. S. by Entomological Reprint Specialists, Box 77971, Dockweiler Station, Los Angeles, Calif. 90007. \$24 U.S.A. (\$19.60 for subscribers to whole series). Paperbound.



This is the long-awaited first of the 41 proposed fascicles covering all known moths in North America. Hodges presents extensive coverage of known Sphingidae, including historical, taxonomic, biological, distributional and seasonal information, along with keys to genera and species. Text figures of genitalia and other structures by his wife Elaine are excellent; and color photographs of the moths by R. B. Dominick and C. R. Edwards are nearly perfect in detail, color, and registry. In many cases variation is reflected by presentation of more than one photo of a given species (as many as 13, as for Hemaris diffinis).

The text is readable with highly technical language avoided where possible. Lacking are divisions for different information (such as subheadings for "Description," "Larva," "Food plants," "Distribution," etc.) This was obviously a sacrifice to save space. While generally conservative, the order following for the most part that in the McDunnough Check List, there are some changes in nomenclature, including two new genera: Neococytius and Pachylioides Hodges. Agrius is used for Herse; Manduca for Phlegethontius or Protoparce; Chlaenogramma is synonymized to Manduca; Paratreia used in place of Atreides; Eumorpha replaces Pholus; Darapsa now includes Ampeloeca; and Hyles replaces Celerio. At the species level, halicarnie Strecker is synonymized to Lapara coniferarum J. E. Smith; Pachysphinx occidentalis Hy. Edwards is considered a valid species, as are Aellopos clavipes Rothschild and Jordan and Eumorpha pandorus Hübner. Isognathus rimosus Grote, Cautethia spuria Boisduval, and Eumorpha aecus Cramer are additions to the North American list.

Infraspecific categories are nearly totally ignored, although names of subspecies and varieties, forms, etc. are included in the list of synonymy and discussed briefly. Those who recognize distinct subspecies in North American Sphingidae will be unhappy with the lack of structure and treatment at this level.

With regard to distributional information, corners were cut in that material was not examined in several large collections (such as the American Museum of Natural History), as well as many smaller ones. There is ample space provided on pages facing the colored plates to allow for insertion of new localities, name changes, etc. It is also unfortunate that complete larval descriptions and plates were prohibitive for this volume, although the editors hope to prepare separate fascicles on larvae after the adults are treated. There are, however, partial keys to genera based on pupae and on mature larvae, adapted from earlier works.

While it is easy to criticize any work with the breadth of scope as The Moths of America, one must remember that the objective of the series is to cover adults of all species of North American moths — a fantastically difficult and time-consuming undertaking. Hodges achieves this aim admirably, with the support of Elaine Hodges, Dominick and Edwards. This is an indispensable manual for anyone interested in moths, and we look forward to the appearance at the end of the year of the fascicle on the Bombycoidea by Douglas C. Ferguson.

---

Chapman, P. J. and S. E. Lienk, 1971. TORTRICID FAUNA OF APPLE IN NEW YORK. Special publication of the New York State Agr. Exp. Sta., Cornell Univ., Geneva, N. Y. 122 pp., 43 figs., 20 colored plates. \$10 U.S.A. Hard cover.

This work is bulging with the results of 14 years of work by the authors dealing with the pests of cultivated and wild apples in New York. There is fascinating historical and biological information about apple and related plants, as well as each of 54 selected Lepidoptera associated with apple. Coverage for each species includes historical information, population dynamics, life histories in great detail, reviews of information in 265 references, taxonomic information, and damage to apples. Text figures show various immature stages and damage to apple. The most striking feature is the quality of the colored plates of the moths, executed skillfully by Dr. Haruo Tashiro in pls. 1-15. Using a special painting technique, Tashiro has managed to simulate the very scales of the insects. Joseph Keplinger's paintings of the larvae are also excellent, providing a fine means of recognizing species. Although limited in scope to 47 Tortricidae (including Olethreutinae), 4 Gelechiidae, and one each of Pyralidae (Phycitinae), Oecophoridae and Stenomidae, the authors are up to date in their nomenclature, and have provided an impressive wealth of information on the biology of these apple-associated species.

---

Barcant, Malcolm, 1970. BUTTERFLIES OF TRINIDAD AND TOBAGO. Wm. Collins Sons Ltd., 215 Park Ave. So., New York, N. Y. 10003. 314 pp., 4 figs., 28 pls. (16 colored). \$9.95 U.S.A. Hard Cover.

Prepared in handbook size, this work represents the work of 49 years by the author in Trinidad. The beginning sections are on life history; butterfly anatomy and nomenclature; enemies, protective devices and rarity; and methods of collecting, preserving and storage. Much of this is familiar information, put together in the author's easy style. The fifth section deals with the history and procedures of collecting in Trinidad, and contains much information useful to collectors in that area. Coverage of species in Section 6 is grouped by families within such categories as "common and well-known species," "the shade dwellers," and "butterflies of the home garden." In all, 617 butterfly species are listed from Trinidad; full coverage is given to 387 in the book. Of these, 356 are illustrated, 241 in color. While only 14 species of HesperIIDae are illustrated and none discussed in the text, all known butterflies including skippers are included in the check list in the back of the book. The main short-coming of this work is the apparent ignorance or deliberate exclusion of recent revisionary studies on the neotropical butterflies. A case in point is *Calycopis bactra* (Hewitson), listed from Trinidad by W. D. Field in his revision of that genus (1967), but not included in Barcant's work. The nomenclature seems based on Seitz, plus the Kaye catalogue of Trinidad Rhopalocera, Emsley's works on Heliconiinae, and Fox's revisions of the Ithomiidae. Aside from these, the bibliography of only 13 titles consists mainly of North American and British, as well as general works. Also slightly annoying is the double use of the scientific name list and common name check list as indices, without an alphabetical index to names and topics. Notwithstanding these failings, the book is very helpful as an introduction to neotropical butterflies and, especially, those of Trinidad and Tobago.

—CHARLES V. COVELL, JR.

---

#### BOOK NOTICES:

Clarke, J. F. G. 1971. THE LEPIDOPTERA OF RAPA ISLAND. Smithsonian Contrb. to Zool. 56. iv + 282 pp., 175 figs., 29 pls. (2 colored). \$4.75, hard cover.

Watson, Allan 1971. AN ILLUSTRATED CATALOG OF THE NEOTROPIC ARCTIINAE TYPES IN THE UNITED STATES NATIONAL MUSEUM (LEPIDOPTERA: ARCTIIDAE). Part 1. Smithsonian Contrb. to Zool. 50: i i i + 361 pp., 252 pls. \$4, paperbound.

Lemaire, Claude 1971. Revision du genre *Automeris* Hübner et des genres voisins (Lepidoptera, Attacidae = Saturniidae), vol. 1. In *Mémoires du Muséum National et Histoire Naturelle, Nouvelle Série, Série A, Zoologie*, T. 68. 232 pp., 132 genitalic figs., 29 pls. (First of 3 vols.) Order from: Editions du Museum, 38 rue Geoffroy-Saint-Hilaire, Paris V, FRANCE. 5 Francs.

---

#### CORRECTIONS IN 1970 FIELD SEASON SUMMARY:

Zone 2 (pg. 2): Change date of first captures of *L. cupreus* from 24 April to 24 July; credit Ed Gage with first eastern Washington record of *Mitoura nelsoni*.

Zone 3 (pg. 3): Add explanation that Dr. Clifford D. Ferris took the place of Don Eff as Coordinator because of medical reasons. Mr. Eff has been recuperating from a skiing accident that had disabled his typing hands until recently.

Zone 5 (pg. 3): Credit for *P. themistocles* life history in Illinois should be attributed to R. S. Funk rather than to P. J. Conway.

Zone 7 (pg. 5): Peak of *D. plexippus* migration on Staten Island, N. Y. was October 7, not November 7.

Appendix (pg. 9): Regarding collecting in Banff National Park, Alberta: permits to collect Lepidoptera are not issued to private collectors, but only to those with institutional credentials and meeting the approval of the authorities. Specimens collected are to be deposited in the Canadian National Collection unless other provisions are arranged. Other red tape is also involved.

## NEWS AND NOTES

Dr. Thomas C. Emmel, Assistant Professor of Biological Sciences and Zoology, Univ. of Florida, Gainesville, FLA. 32601, has offered to become Zone Coordinator for Zone 11 of the Field Season Summary, to cover the Neotropics. We are pleased to add him to the staff of the NEWS.

Rev. Robert C. Eisele of South Portland, MAINE, verified that Mt. Katahdin is closed to butterfly collectors. Furthermore, according to a letter he received from the Baxter State Park Authority, the area has never really been open to collecting since the Park was created. Was this the first fully protected butterfly species (officially)?

Robert M. Pyle of Seattle, WASH., has been awarded a Fulbright-Hays Scholarship to pursue studies in butterfly conservation and nature conservancy at the Monk's Wood Experimental Station, Abbots Ripton, Huntingdon, England. He plans soon to complete a Ph.D. program surveying rare and endangered butterflies in North America, with view later to establishing habitat reserves and undertaking other protective measures for each species considered endangered.

Thomas Dimock, in a letter to the Editor, expresses his distress at the "recent trend in giving new Lepidoptera patronyms instead of real Latin names. Recent examples in our own Journal include Harkenclenus dos Passos, Stallingsia jacki Stallings, Turner and Stallings; and Windia windi Freeman.

"It may be only a personal reaction, but these names mean absolutely nothing to me. They give no hint of a description of the insect stuck with it, or its habits or biology. The consequences are frightening when one thinks of all the new insects waiting in line to receive the names of all the authors' friends, relatives, acquaintances, and grandmothers' cats. Therefore I feel someone in a place of "prominency and authority" should publicly discourage patronyms as the easy way out of building meaningful Latin names."

*(This is a question with two sides; anyone want to respond – briefly? -Ed.)*

---

## DONATIONS TO THE SMITHSONIAN INSTITUTION

On December 8, 1970, the Smithsonian Institution received a ruling from the Internal Revenue Service stating that the Smithsonian is not a "private foundation" as defined in section 509(a) of the Internal Revenue Code but a "publicly supported" organization as described in section 170(b) (1) (A) of the Code. The Tax Reform Act of 1969 provides that individual donors may deduct contributions to "publicly supported" organizations in amounts up to 50 percent of the donor's contribution base for the taxable year. In the case of donations of personal property in which an appreciated value in excess of cost is claimed, the valuation of the donation is limited to 30% of the donor's contribution base.

Accordingly, a collector wishing to donate insect specimens or to make a contribution to the Smithsonian Institution or to bureaus administered by it (e.g., U. S. National Museum, National Museum of Natural History) may claim a contribution on his income tax return in accordance with the provisions of the 1969 Act stipulated above. Acceptance of insect specimens is contingent upon the material being actually needed in the national collection.

The improvement of the collection should be a matter of concern to all biologists. The collection is held in trust for all systematists and its contents are available for study by all properly qualified investigators. Systematists are urged to be as generous as possible in the donation of types and determined insect material to the national collection. A well rounded collection makes it possible for entomologists stationed at, or visiting, the Smithsonian to undertake more comprehensive monographic studies as well as to furnish authoritative identification services.

Any prepared and properly labeled Lepidoptera, however common, will be welcome additions to the National Collection. We are interested in single specimens or whole collections from all areas, but are particularly interested in North American material to enlarge series for population, variation and distribution studies.

As indicated above, the collections are open to serious students and it is only by having complete coverage that we can be of the greatest help. So, if you have some extras send them along and make your information available to all. Don't forget, your donations are tax deductible.

*J. F. Gates Clarke, Senior Entomologist; U.S. National Museum  
Smithsonian Institution, Washington, D. C. 20560*



## AN APPEAL FOR THE ACCUMULATION OF LEPIDOPTERISTS' WIT AND HUMOR

During the course of our experience as lepidopterists it is most likely that during the ordinary course of events that various episodes of a humorous, ludicrous or bizarre nature should occasionally occur that may be sufficiently amusing to be worthy of recording or publishing. However, to be worthy of serious consideration a project of this kind needs the enthusiasm, cooperation and support of a wide circle of contributors in order to accomplish the best results.

Almost every person at some time of his career must retain the memory of some amusing episode that is sufficiently amusing to turn in. It is with this in mind that the writer is making an appeal to write up your most amusing anecdotes and mail them to Dr. Charles V. Covell, Editor, News of the Lepidopterists Society, Department of Biology, University of Louisville, Louisville, Ky. U.S.A. 40208.

The lepidopterist in the role of humorist is by no means unique. For instance, I am sure that many of us remember that Dr. W. J. Holland's last edition of The Butterfly Book was loaded with squibs of humor in the form of funny poems, write-ups and adventures that certainly enlivened his text and gave his writing an air of "le joie de vivre". I, personally, was amused by his experience in seeing his first specimen of Speyeria diana fly over a wall into the confines of a girls' seminary; but in spite of anticipated ridicule he dashed off in full pursuit and captured the specimen in the presence of the startled female onlookers.

This episode mentioned by Dr. Holland was in some respects similar to my first experience with the evasive S. diana. Now, this is a true story, but with only one very surprised and disgusted witness.

A real estate salesman was trying to impress me with the virtues of a hilltop building lot in the neighborhood of Warm Springs, Virginia. While he was talking my attention was distracted by a nearby clump of Milkweed (Asclepias cornuti) on which I saw a Fritillary that looked like a possible Speyeria diana. Approaching nearer, I realized that here in front of me was my first specimen of the coveted diana. Fortunately I had a small folding net in my hip pocket, which was quickly extracted. With a fortunate sweep of the net a somewhat battered male specimen was mine.

Electrified by success I forgot all about the salesman wondering about my strange antics and "took off" without an apology or explanation in anticipation of more dianas. After this event I can imagine the salesman telling his associates. "Well, boys, this is the first time in my life that I have come in contact with a crazy nut calling himself an entomologist."

Written accounts of the humorous experiences of lepidopterists are not the only material that could go into a make-up of entomological episodes. Many years ago I collected cartoons from books, magazines and periodicals poking fun at the lepidopterist which were quite amusing both to lepidopterists as well as to the general public. In this connection it is interesting to consider the comic cartoonist's conception of what constitutes, to them, the normal or conventional method of capturing butterflies with a net. In practically all the cartoons I have seen them depict an entomologist frantically chasing a butterfly, in high gear with a wildly swinging net, frantically attempting to capture the insect. It would appear that few if any comic cartoonists have ever come within a mile of an honest to goodness entomologist.

I am wondering what the reaction to my appeal will be. I hope that it will be generally favorable because our venture into life is certainly dulled by the lack of a sense of humor. Any suggestions that would help get this proposed project under way will be appreciated.

— G. W. Rawson  
10405 Amherst Ave., Silver Spring, MD. 20902

## RESEARCH REQUESTS:

I wish to correspond with anyone rearing Abraxas grossulariata in Great Britain. I also wish correspondence with anyone from western U.S. who has encountered 2 or more Papilio species on the summit of the same hill or mountain. I am particularly interested in the machaon group. Scott Ellis, Rt. 2, Hotchkiss, COLO. 81419, U.S.A.

Information wanted on the biology of Precis coenia, especially documented food-plants, records of migration, nectar sources, etc., for Ph.D. thesis. James Scott, 201 Wellman Hall, Univ. of California, Berkeley, CALIF. 94720, U.S.A.

Battus philenor: papered specimens in any condition needed for chemical analysis, up to 200 from a given area. Collecting and postage will be paid. Miriam Rothschild, Elsfeld Manor, Oxford, ENGLAND.

---

## NOTICES

Members of the Lepidopterists' Society are invited to use this section free of charge to advertise their needs and offerings in Lepidoptera. The Editor reserves the right to alter or reject unsuitable notices. We cannot guarantee any notices, but all are expected to be made in good faith. Notices are to be sent to the Editor at least two weeks before expected publication of any given issue of the NEWS. Please write clearly, express your notice plainly, and check scientific names used. Avoid long lists of names, please.

EXCHANGE: Oeneis ivalda offered in exchange for other Oeneis species, esp. macounii, jutta reducta, and taygete. James R. Mori, 3101 Mason Way, Modesto, CALIF. 95350, U.S.A.

✓ EXCHANGE OR SALE: Live cocoons of most species of U. S. Saturniidae, as well as pupae of E. imperialis and C. regalis. Fertile ova of these plus some exotic species next spring. List sent upon request. Craig Kohl, 921 Old Marion Rd. N.E., Apt. 223 B, Cedar Rapids, IOWA 52402, U.S.A.

EXCHANGE OR SALE: Graellsia isabelae (limited quantity) and other Spanish moths and butterflies. Albert Dalmau, Valencia 203, Barcelona 7, SPAIN.

EXCHANGE OR SALE: Western and central European butterflies (common Satyridae, Pieridae, Nymphalidae, and Papilionidae). List sent upon request. Marc Grinnell, 1137 Riebli Rd., Santa Rosa, CALIF. 95404, U.S.A.

EXCHANGE OR SALE: Lepidoptera and beetles of southern France, and African butterflies. Write for list. Jacques Coffin, Le Colombier No. 3, 30 Pont Saint Esprit, FRANCE.

SALE: Troides brookiana (male), \$2.50 ea.; Morpho aega, \$.75 ea.; Morpho didius, \$2.00 ea.; Morpho menelaus, \$2.00 ea. Stefan Harvey, 20 Gerhard Rd., Plainview, N. Y. 11803, U.S.A.

SALE: Hyalophora eurylis cocoons: \$.75 ea. or \$7.50 per dozen. Jeff Liberman, Rt. 1, Box 298, Arroyo Grande, CALIF. 93420, U.S.A.

SALE: Limited quantity of Florida cocoons of Callosamia carolina, \$2.50 ea.; also pupae of Hemileuca maia, \$.75 ea. Larry N. Brown, Dept. of Biology, Univ. of South Florida, Tampa, FLA. 33617, U.S.A.

SALE: W. J. Holland's The Butterfly Book, first edition. I have three copies in excellent condition. Write for details. Chris Nagano, 931 Centinela Ave., Santa Monica, CALIF. 90403, U.S.A.

SALE: Troides trojana, A-1 males from Pelewan Island, Philippines, with complete data: \$100 each. Will ship upon receipt of payment. Jeff Robb, 422 Magnolia St., Denton, TEXAS 76201, U.S.A.

SALE: 50,000 Attacus atlas, 100,000 Saturnia pyretorum, and 10,000 sets of 100 different Formosan butterflies — all in papers. Will collect on contract basis 50,000 cocoons of A. atlas and 100,000 cocoons of S. pyretorum, to be delivered this winter. Mrs. Chang Pi-Tzu, P. O. Box 873, Taipei, FORMOSA (TAIWAN).

✓ SALE: Very limited number of Ornithoptera priamus euphorion and O. p. bornemanni, ex-pupa pairs. Perfect, with full data. Expect others soon. Kurt Laurent, 1219 Scottswood Rd., Rockford, Ill. 61107, U.S.A.

- SALE:** I can obtain for you the French edition of the complete (text and plates) sections of Seitz's Macrolepidoptera of the World treating American Rhopalocera and Heterocera. Price: \$650 to \$800 U.S., plus shipping, depending on number of orders. All letters will be answered. I shall give more details, and let you know when to expect receipt of the books and when to send money. Louis Handfield, 50 Richelieu South, Ville de Mon Saint-Hilaire, Quebec, CANADA.
- WANTED:** Ova of Citheronia regalis and/or C. sepulchralis for rearing studies. Will pay reasonable prices. Dr. L. N. Brown, Dept. of Biology, Univ. of South Florida, Tampa, FLA. 33620, U.S.A.
- WANTED:** I urgently need several perfect specimens of Melittia gloriosa (Family Aegeriidae), a western U. S. species. I can offer many living or papered Saturniidae in exchange, or pay top prices. Richard S. Peigler, P. O. Box 6461, Clemson, S. C. 29631, U.S.A.
- WANTED:** Perfect specimens of Hyles gallii (known widely as Celerio intermedia). Will buy or trade other Lepidoptera. Jeffery C. Gilbert, 116 Augusta Court, York, PA. 17404, U.S.A.
- WANTED:** Short series (2 pairs) of named subspecies or races of Speyeria aphrodite, S. cybele, and S. atlantis. Can exchange nominate subspecies of these three species from transition zone, north central Pennsylvania as well as other species. Full data desired, including elevation. George F. Patterson, P. O. Box 157, Wellsboro, PA. 16901, U.S.A.
- CANCELLATION:** Due to a heavy work load I must curtail all exchanging of Lepidoptera until further notice. My apologies. Lawrence P. Taggart, 58 Independence Drive, Westbrook, MAINE, 04092, U.S.A.

#### NEW MEMBERS:

- |                                    |  |
|------------------------------------|--|
| ACCIAVATTI, Lt. Robert E.          | 4520 Nadine St., Haltom City, Ft. Worth, TEXAS 76117, U.S.A.   |
| ADELBERG, Donald B.                | Box 311, R.D. No. 1, Blairstown, N.J. 07825, U.S.A., RHOP., MACRO., esp. Lycaenidae, Satyridae, Nymphalidae, Papilionidae. Coll., Ex.  |
| ANDERSON, Prof. Lauren D.          | Dept. of Entomology, Univ. of California, Riverside, CALIF. 92502, U.S.A., LEPID., esp. Nymphalidae ( <u>Vanessa</u> ), biology, immatures. Coll., Ex.                           |
| BENNINGHOFF, Ronald W.             | P. O. Box 2996, Balboa, CANAL ZONE. RHOP., esp. Heliconidae. Coll., Ex.  |
| BLACK, Capt. William R., Jr.       | 300 N. 38th St., Paducah, KY. 42001, U.S.A. LEPID., Coll.  |
| BROWN, Scott                       | 516 Campbell St., Roystown, GA. 30662, U.S.A. LEPID., esp. Sphingidae, Noctuidae, Papilionidae. Coll., Ex.   |
| CONTRERAS BALDERAS, Armando J.     | Zaragoza 734 Nte., Apto. 2, Monterrey, Nuevo Leon, MEXICO. RHOP., MACRO., esp. Papilionidae, Nymphalidae, Pieridae. Coll., Ex.   |
| DOUGLAS, Malcolm G.                | 2170 25th St. Dr. NE, Hickory, N.C. 28601, U.S.A. RHOP., Coll., Ex., Buy, Sell.  |
| DOUGLAS, W. Bruce, Jr., DVM, Ph.D. | 300 South Holmes St., Lansing, MICH. 48912, U.S.A. RHOP., MACRO. Physiology, esp. flight dynamics. Coll.   |
| FALKE, Rev. Herman                 | St. Mary's College, Box 26, Kisubi-Entebbe, Uganda, EAST AFRICA. RHOP., MACRO. Lepid. of Africa, esp. Charaxes, Limenitinae, Saturniidae, Sphingidae, mimicry. Coll., Ex., Sell. |
| GAUTHIER, Michel                   | 790 Rougemont, Apt. No. 4, Ste-Foy, Quebec, CANADA. LEPID., Coll., Ex.   |
| GREGG, Dr. Robert V.               | 521 Zorn Ave., Apt. E-7, Louisville, KY. 40206, U.S.A. RHOP., MACRO. Coll.   |



HEATH, Thomas	807 32nd St. S.E., Cedar Rapids, IOWA 52403, U.S.A. MACRO., esp. Saturniidae. Life hist., parasites. Coll., Ex., Buy, Sell.
HOFF, Victoria	3925 Briggs Ave., Erie, PA. 16504, U.S.A. LEPID., esp. <u>D. plexippus</u> .
HUSO, Jeff	5310 Las Lomas St., Long Beach, CALIF. 90815, U.S.A. RHOP. of U.S., esp. <u>Papilio</u> , <u>Oeneis</u> , Lycaeninae.
KLONTZ, Charles E., M.D.	Bogota, Dept. of State, Washington, D.C. 20521, U. S. A. RHOP., Coll.
KOHL, Craig R.	921 Old Marion Rd. N. E., Atp. 223B, Cedar Rapids, IOWA 52402, U.S.A. MACRO., esp. Saturniidae. Coll., Ex., Buy, Sell.
LOWREY, Perry O.	Box 86, Grand Cane, LA. 71032, U.S.A. LEPID., Coll.
MARTINEZ, Michael J.	1665 West 58th St., Los Angeles, CALIF. 90062, U.S.A. RHOP., MACRO., esp. Heliconinae, other Nymphalidae, Papilionidae, Sphingidae, Arctiidae. Host plants, mimicry, habitats, defence mechanisms. Coll., Ex.
MARUYAMA, Shigeki	c/o Mitsubishi Trust & Banking Corp., Odenmachi Branch, 2 - 2 Odenmachi, Nihonbashi, Chuo-ku, Tokyo, JAPAN. RHOP., Coll., Ex., Sell.
MAUDSLEY, James R.	(correct on p. 8 of March, 1971, NEWS) RHOP., esp. environmental induction of polymorphism. Coll., Ex.
MILLAR, Rod	521 9th Ave., Salt Lake City, UTAH 84103, U.S.A. LEPID., exp. Saturniidae life histories. Coll., Buy.
MOE, Robert	2110 South 22nd St., La Crosse, WISC. 54601, U.S.A. LEPID., Coll., Ex., Buy, Sell.
PEACE, Dr. Robert Joseph	730 North Jackson St., Apt. No. 1, Brookhaven, MISS. 39601, U.S.A. LEPID., Coll., Buy.
REAL, Herman G.	808 E. 5th Ave., San Mateo, CALIF. 94402, U.S.A. RHOP., esp. Ithomiidae, Riodinidae, taxon., life histories, ecology. Coll.
ROJAS VILLEGAS, Mario	Apartado 119, Tingo Maria, PERU. LEPID., all families. Sell.
SCHARF, Robert Jr.	18161 Karen Drive, Tarzana, CALIF. 91356, U.S.A. RHOP., MACRO. Coll., Ex.
SULLIVAN, Barry	Box 414, 7th St., Dayton, ORE. 97114, U.S.A. LEPID., Coll., Ex., Buy.
SZULMAN, Michael Steven	P. O. Box 774, Tahoe City, CALIF. 95730, U.S.A. LEPID., esp. that of Lake Tahoe basin. Coll., Ex.
WILEY, J. R.	R 3, Carbondale, ILL. 62901, U.S.A. RHOP., MACRO., esp. Papilionidae, Morphidae, Saturniidae, Uraniidae, life histories & rearing in captivity. Coll., Ex., Sell.
YOUNG, Allen M., Prof.	Dept. of Biology, Lawrence Univ., Appleton, WISC. 54911, U.S.A. RHOP., esp. Papilionidae, Morphidae, Nymphalidae, ecology and behavior.

---

#### NEW ADDRESSES:

CHANDLER, Gregory P.	8062 E. Scarlett, Tucson, ARIZ. 85710, U.S.A.
COFFIN, Jacques	Le Colombier No.3, 30 Pont-Saint-Esprit, FRANCE
COMMON, Ian F. B.	c/o Div. of Entomology, C.S.I.R.C., P.O. Box 109, Canberra City, AUSTRALIA

ELLIS, Scott E.	Route 2, Hotchkiss, COLO, 81419, U.S.A.
GAGLIARDI, Ronald	385 Blake St., New Haven, CONN. 06515, U.S.A.
HAYES, Merle B.	Cofre de Perote No.205-5, Mexico 10, D.F., MEXICO
HALBERT, Richard L.	681 South Burlington Ave., Los Angeles, CALIF. 90057, U.S.A.
HALL, Peter W.	50 Rideout St., Ajax, Ontario, CANADA
HUBER, Ronald L.	2896 Simpson St., St. Paul, MINN. 55113, U.S.A.
KNIGHT, Sgt. Kenneth R.	114 McCabe, Ft. Bragg, N.C. 28307, U.S.A.
NEFF, Richard J.	106 N. Efrid Ave., Lexington, S.C. 29072, U.S.A.
PETRIE, Dr. W.	c/o General Delivery, Westport, Ontario, CANADA
ROTH, Jeff	2801 Leland Ave., Redding, CALIF. 96001, U.S.A.
SPRADA, Gene	110 Terrace Blvd., West Seneca, N.Y. 14224, U.S.A.
TOLIVER, Michael	512 Quincy N.E., Apt. L., Albuquerque, N.M. 87108, U.S.A.

---

#### REINSTATED MEMBERS:

ADLINGTON, John	2669 Arbutus Rd., Victoria, B.C., CANADA
DOUTT, Richard	The Nature Store, No. 7 Throckmorton Ave., Mill Valley, CALIF. 94911, U.S.A.
MURPHY, Dennis	27 Glorietta Court, Orinda, CALIF. 94563, U.S.A.
NAAS, Mrs. John	8 Harding Ave., Feasterville, PA. 19047, U.S.A.
SEARS, Terry A.	P. O. Box 247, Auburn, CALIF. 95603, U.S.A.
STEPHENS, Christopher P.	Box 149, Audubon Station, New York, N. Y. 10032, U.S.A.

---

#### FIRST INTERNATIONAL CONGRESS OF SYSTEMATIC AND EVOLUTIONARY BIOLOGY

The First International Congress of Systematic and Evolutionary Biology (ICSEB) will be held at Boulder, COLORADO, between August 4 and 11, 1973. This is the inaugural meeting of a new series of international congresses which are designed to provide a common meeting ground for all biologists concerned with the diversity of organisms. The program will consist mainly of theme symposia, as well as some contributed papers. More information will be published later in the NEWS. However, you are invited to contact the following for details: Dr. James L. Reveal, Department of Botany, University of Maryland, College Park, M.D. 20742, U.S.A.

---

---

Memoirs of the Lepidopterists' Society, Number 1 (Feb. 1964)  
A SYNONYMIC LIST OF THE NEARCTIC RHOPALOCERA by  
Cyril F. dos Passos

---

Price: Society members — \$4.50, others: \$6.00 postpaid (hard-cover binding \$1.50 additional)  
Order from Society Treasurer

---

### INFORMATION ABOUT THE SOCIETY . . .

Membership in The Lepidopterists' Society is open to all persons interested in any aspect of Lepidopterology. Prospective members should send the Treasurer the full dues for the current year (\$10.00 U.S.A.) together with full address and special Lepidopterological interests. Remittances in dollars (U.S.A.) should be made payable to The Lepidopterists' Society. Individual members will receive the JOURNAL (published quarterly) and the NEWS (Published eight times a year.) Institutional memberships will receive only the Journal. A biennial membership list will also be recieved. Back issues of the Journal may be obtained from the Treasurer.

Information on membership in the Society may be obtained from the Treasurer, Stanley S. Nicolay, 1500 Wakefield Drive, Virginia Beach, Va., 23455 U.S.A. Changes of address should be sent to the Treasurer. Please DO NOT send requests for membership or change of address to the Editors of the NEWS or JOURNAL.

Other information about the Society may be obtained from the Secretary, Dr. John C. Downey, Department of Biology, University of Northern Iowa, Cedar Falls, Iowa, 50613, U.S.A.

Manuscripts for publication in the JOURNAL should be sent to the Editor of the JOURNAL, Dr. D. F. Hardwick, K. W. Neatby Bldg., Central Experimental Farm, Carling Ave., Ottawa, Ont., Canada.

Items for inclusion in the NEWS should be sent to the Editor of the NEWS, Dr. Charles V. Covell, Jr., Department of Biology, University of Louisville, Louisville, Ky. 40208, U.S.A.

from: THE LEPIDOPTERISTS' SOCIETY  
Department of Biology  
University of Northern Iowa,  
Cedar Falls, Iowa, 50613, U.S.A.

Non-Profit ORGANIZATION U. S. Postage Paid Permit No. 784 Louisville, Ky.
---

ADDRESS CORRECTION  
REQUESTED

MR. J. DONALD EFF  
445 THERESA DRIVE  
FAIRVIEW ESTATES  
BOULDER, COLORADO 80302