

# NEWS

of the LEPIDOPTERISTS' SOCIETY

Number 1  
1 May 1975

*Editorial Committee of the NEWS . . . . .*

EDITOR: Ron Leuschner, 1900 John St., Manhattan Beach, CA. 90266, USA

ASSOC. EDITOR: Dr. Paul A. Opler, Office of Endangered Species, Fish & Wildlife, Dept. of Interior, Washington, D.C. 20240, USA

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## READERS RESPOND

A number of letters have accumulated, in which readers have commented upon or amplified recent News articles. Since your editor is not noted for the swiftness of his correspondence, and since the material contained seems to be of general interest and value, this column will serve as both an acknowledgement and forum for these letters. Please, let us have more of same in the future.

### Denis Cowper: A Final Chapter

Clifford Ferris wrote to share a letter he had received from Irwin Leeuw; shortly thereafter, Mrs. Josephine Cowper wrote a very informative and completely detailed letter. Since the article in the last News was based on two newspaper accounts of the disappearance of Mr. Cowper, it contained some incorrect details and omissions. Perhaps the best way to tell the true story is to quote from Mrs. Cowper's letter, in part: "Butterflies had been a lifetime hobby with Mr. Cowper as he was the youngest member (12 years old) of the Royal Entomological Society in England. . . . Mr. Cowper had not only been to every state in Mexico, but had practically walked the country (with family) and he felt he knew the country as well as humanly possible. All of the trips we took, we took together. On Friday, November 29th, he drove his four wheel drive blazer north of Puerto Vallarta to Valle de Banderas area, advising me he would return to the hotel about 2 p.m. . . . It became apparent to me that evening that something was very wrong (when he did not return) . . . I started an intensive search, unfortunately without any assistance (from) the Mexican authorities. Aircraft, land vehicles, horses, helicopters were all rented, at ridiculous prices . . . (through the help of Mr. Victor Montoya, New Mexico senator) . . . Denis' body was located by Socorro Alpino Rescate, the only rescue team in Mexico, which is composed of teenagers and one nurse . . . I have tried to start a memorium to my beloved Denis and hope, through his friends, to donate to this team an ambulance, in hopes that someone else can be helped without having the difficulties that we had to live with. Mr. Cowper had a coronary occlusion and to this day it is almost unbe-

lievable to me, as he was in excellent health." Mrs. Cowper plans to continue the collection.

### More on De-pinning

Edward G. Voss, University of Michigan, writes with his favorite de-pinning method. "Instead of a flame, the pin is rendered red-hot by a low electrical current, from an old electric train transformer." The pin, if lacquered, must be scraped above and below the specimen down to bare metal. Wires from the two terminals are connected, and as soon as the pin glows, the specimen is generally loosened enough to slip off. Put on a new pin of larger size, or fasten with nail polish as adhesive. The advantage here is in avoiding an open flame.

### Avoid Unnecessary Moth Slaughter

Last year, Richard Priestaf gave details of a moth trap in which specimens were killed by falling into alcohol below the black light. This brought a surprising response from S.N.A. Jacobs of Kent, England, past editor of The Entomologist's Record. He found it shocking that the specimens would be killed if the only object was to record data on species and/or numbers attracted. He notes that British collectors switched from killing agents in traps, to paper egg box packing sheets, where the insects would settle down between the layers. The box with the layers is then taken indoors for examination and data recording, desired specimens are killed, but the remainder released — away from the trap site, to avoid subsequent recapture.

The first reaction of your editor, who does a lot of moth collecting (but not trapping), was that this seemed like a lot of trouble to avoid killing some moths. But after a bit of reflection and soul searching, that attitude is just not defensible. Just because the western United States has greater quantities of insects than England, doesn't mean that we are immune from the practice of conservation. So I invite all collectors, anywhere, to join me in reviewing our collecting methods to see if we are advancing science, or merely conducting a "slaughter".

## Won't Stand Up in Court

The last News had an announcement that Paul Opler was now with the Office of Endangered Species in Washington. That same article stated that the previous absence of insects on any "endangered" lists was due to "efforts of the pesticide lobby". This brought an objection from James R. Mori, who works for Occidental Chemical Co. and is a member of the National Agricultural Chemicals Association. He feels that the lack is due solely to absence of any general concern about insects up to now. Your editor, who wrote the offending phrase, has to admit that it was based solely on hearsay evidence and/or rank speculation. In the future, we will try to stick to the facts.

## New Columns

We previously carried an announcement of a "Question and Answer" column to be edited by Charlie Covell, and in this issue, Paul Opler gives plans for a regular Conservation column. We are looking forward to each of these, hoping to have the first effort for the issue after next, since next is the Field Season Summary. Meanwhile, think up some tough questions and send them to Charlie.

## Sic Transit "Ovae" . . . Or Latin?

A very small number of highly erudite readers noticed that in an attempt to sell a few eggs last year, the non-word "ovae"

slipped into the print of the News, and they proceeded to tell the editor what they thought about it, which wasn't much. One pupa, two pupae; one ova, two ovae. This seemed to make sense, but it is all wrong, because the gender of the two words is different, and different genders have different plural suffixes. Well, you can believe me, we will have nothing but eggs in our ads from here on out, and that will relieve the immediate fuss.

But the whole problem started a train of thought leading to the question: why is the natural scientific community still trying to "use proper Latin" in their names, when the noblest Romans are so long interred? Who cares whether the gender of the genus-name agrees with the gender of the species-name, when the gender assignment really is very arbitrary, in many cases? *Malacosoma* is discovered to be neuter, not feminine (what, a female impersonator?) after all these years. Hurry, get the species to end in "-um", so agreement will be restored. Is this important?

The readers of the News will not be bored by a continuing harangue on this subject. But just once, the editor offers his personal opinion that it is time to change the Rules of Nomenclature to stick with the first form of any proposed name, and let Latin grammar rules and endings join the ancient Romans below ground.

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## MEET OUR NEW JOURNAL EDITOR

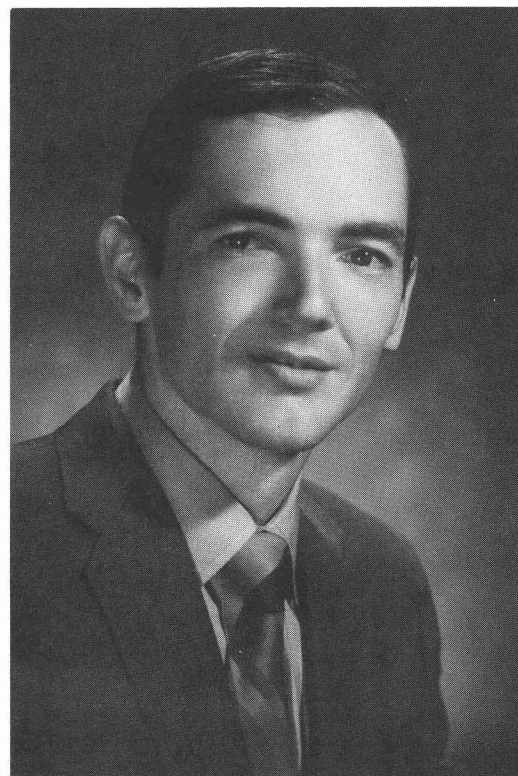
George L. Godfrey, new editor of the *Journal of the Lepidopterists' Society*, is associated with the University of Illinois and the Illinois Natural History Survey. He is an Assistant Professor of Agricultural Entomology and International Programs Research Coordinator of International Comparative Studies at the University. As a member of the Survey he is assigned to the Section of Economic Entomology. However, to partially dismiss suspicions of his taxonomic colleagues elsewhere that he had gone astray, he talked the Section of Faunistics and Insect Identifications into providing him with office space.

The new editor hopes to maintain the fine tradition that his predecessors have developed. He will consider it a success to do this and an extra bonus if he can improve the *Journal* as a medium for the exchange of ideas and information. He foresees some difficulties because although a professional lepidopterist he emphasizes that he is an *amateur* editor.

George's first teacher of natural history was his father, Victor E. Godfrey, a self-taught man with no formal degree but capable of discussing with any Ph.D. various matters in such diverse fields as ichthyology, herpetology, ornithology, botany, and geology. His boyhood classrooms were the Hopi, Omaha, Winnebago, and Sioux Indian tribal lands in Arizona, Nebraska, and South Dakota. After receiving his B.S. degree in 1965 from Northern State College, South Dakota, he went to Cornell University where he studied the systematics of noctuid caterpillars under Professor John G. Franclemont. His Ph.D. was awarded in 1970.

He presently is investigating the life-histories of lepidopterous species associated with soybeans and is developing, along with John K. Bouseman, Illinois Natural History Survey, the International Reference Collection of Soybean Arthropods. Both projects are part of the International Soybean Program (INTSOY) located at the University of Illinois and the University of Puerto Rico. Under his direction and with the kind cooperation of numerous systematists, the collection of soybean arthropods has grown from 200 unsorted specimens to 100,000 identified specimens representing 1,700 species over a four year period. He is also responsible for supervising the development of the Soybean Research Information Center which is bringing together all the known scientific literature on soybean arthropods. The center currently has 12,000 references in its files.

The members of George's family are his wife, Judy, and his children, Tom, Darren, and Cheree. In his spare time he serves as his wife's manager for her activities as a professional singer and song writer.



## FINAL CHAPTER OF 1974 SEASON SUMMARY

### ZONE 11: PALAEARCTIC REGION

Coordinator: O. Kudrna (Department of Zoology, Cambridge, England)

#### Introduction

This first attempt to extend the "Season Summary" into Europe and parts of palaeartic Asia (as far as records are available) is taking place in one of the worst collecting seasons in recent years. Not only that in general the most "outstanding" feature of 1974 was bad weather during most of Spring and Summer in many parts of Europe and thus the time of appearance of nearly all species was late, sometimes exceptionally late, but also the increased cost of petrol affected many collecting tours. The fact, that this survey received no attention in earlier published numbers of the 'News' did not help either and thus with one exception (Finland) all reports have been obtained only through direct requests of the coordinator addressed to his entomological friends in Europe; unfortunately, many interesting records are still left unreported. It is sincerely hoped, that our members will pay more attention to "1975 Season Summary" and thus much more complete survey of collecting activities will be obtained; it must be remembered, that our Summary could be only as good, as we ourselves make it. I would like to take the opportunity and to thank most sincerely to everybody, who contributed to this first Summary for Palaearctic Region, the names of all contributors are listed in alphabetic order under countries. Subspecific names were not included.

#### Great Britain

Contributor: O. Kudrna.

Probably the worst season in England, that I can remember (i.e. since 1969, when I came to England). *Carterocephalus palaemon* has been showing some decline in abundance and became apparently extinct in some of its English colonies, but new colonies have been discovered in S.W. Scotland, where it seems to be well established. Regular migrations were very poor and many migrant species remained unrecorded at all.

#### Finland

Contributor: H. Holmberg (incl. records made by L. Dolle, L.-E. Fernelius, E. Franssila and J. Wattenhovi).

*Papilio machaon* and *Parnassius mnemosyne*: Hatala, Somero. *Inachis io* very common at Kirkonummi. *Pontia daplidice*: only 2 specimens found this year in Helsinki and Imatra. *Parnassius apollo*, *Argynnis paphia* and *Limenitis populi* more abundant, than in previous years. The following species were collected in Lapland: *Colias hecla*, *Leptidea sinapis*, *Papilio machaon*, *Clossiana euphrosyne*, *C. thore*, *C. freija*, *C. frigga*, *C. chariclea*, *Erebia pandrose*, *E. medusa*, *Oeneis norna*, *O. bore*, *Polyommatus icarus*, *Plebejus idas*, *Callophrys rubi*, *Euphydryas iduna*, *Pyrgus centaureae*.

#### Spain

Contributors: M. Gomez Bustillo (GB) (incl. records of many members of SHILAP), O. Kudrna (OK) (incl. record of R. R.

Askew) and J. H. Robert (JR).

*Euchloe tagis* found in a few isolated spots at higher levels in prov. Alicante (JR), at Trillo (prov. Guadalajara) and in Sierra de Bedaye in prov. Alava (GB). *Zegris eupheme* discovered near La Candamia on Torio River (prov. Leon) (GB). *Anthocharis euphenoides* discovered at Villacidre (prov. Leon), the new western limit of this species in Spain (GB). *Artogeia napi* the interesting '1973' record of this species near Alcoy (prov. Alicante) consisting of a single specimen, was not confirmed (JR). This species appears to be very local in Iberian Peninsula and rare in most parts of Spain; among over 2500 specimens of *Rhopalocera* collected in Spain from early July to early August, there was only one specimen of this species (OK). *Araschnia levana* found extending its range further into Spain, since first discovered in the country in 1962 (GB). *Brenthis daphne* confirmed to be established near Ona in prov. Burgos (OK). *Chazara prieuri* was rare in its well known locality near Albarracin (prov. Teruel), but newly recorded near Tordesilos in prov. Guadalajara (OK). *Erebia palarica* found fresh (incl. males) as late as early August in its well known localities in N.W. Spain (OK). *Meleageria daphnis* surprisingly found near Albarracin (prov. Teruel) in a dried-up river valley (OK). This species appears to be extremely local and rare in Spain; as far as I am aware only a few specimens have ever been found. *Scolitantides orion* found on Mt. Mongo in prov. Alicante (JR). *Gegenes nostrodamus* found near Lorcha in prov. Alicante (JR). *Poecilocampa canensis* newly discovered in Spain near El Escorial (prov. Madrid) at about 900 m (GB). *Malacosoma alpicola* discovered for the first time in Iberian Peninsula at Paramo de Masa north of Burgos (GB). *Endromis versicolora*, discovered in Spain in 1964, is now proved established near La Coruna on the extreme NW coast of Spain (GB). *Catocala fraxini* again recorded in NW Spain and seems to have established permanently there (GB).

#### Greece

Contributors: G. Christensen (GC) and Charles de Worms (CW).

The following species have been recorded on Mt. Chelmos and in adjacent areas: *Parnassius mnemosyne*, *Colias aurorina* (with unusually high proportion of white females), *Plebejus pylaon*, *Lysandra caelestina*, *Pseudochazara anthelea*, *Chazara briseis*, *Melanargia larissa*, *Damora pandora*, *Gonepteryx farinosa* and *Spialia phlomidis* (GC, CW).

The following are some of the more interesting species recorded at various altitudes on Mt. Tymphristos (= Velucchi) and adjacent areas: *Colias aurorina*, *Leptidea duponcheli*, *Erebia melas*, *E. ottomana*, *Pseudochazara graeca*, *Satyrus ferula*, *Polygonia egea*, *Brenthis daphne*, *Fabriciana adippe*, *Agrodiaetus admetus*, *A. ripartii*, *Erynnis marloyi* (CW).

In the extreme south of Peloponesos, mainly around Monemvasia, the following more interesting species were recorded: *Parnassius polyxenus* (= *Z. polyxena*), *Erynnis marloyi* were both found for the first time in the area; *Kirinia roxelana* found in May and then again in September; *Charaxes jasius* eggs found on orange trees, apparently a new foodplant of this species; as in previous years, *Ipheclides podalirius* was very common (GC).

## Turkey

Contributor: G. Hesselbarth (incl. some records of H. G. Allcard).

The following species recorded in prov. Icel (Bogsak/Silifke, Uzuncaburc, Gokbelen, Gulnar) from 13.IV. until 3.V.: *Archon apollinus*, *Parnalius cerisy*, *Parnassius mnemosyne*, *Anthocharis damon*, *Euchloe charltonia*, *Artogeia krueperi*, *Tomares nogeli*, *Tarucus balcanicus*, *Freyeria trochylus*, *Libythea celtis*, *Maniola telmessia*, *Hipparchia mersina*, *Ypthima asterope*.

The following species were collected between 16.VII. and 23.VII. around Abant (prov. Bolu): *Colias aurorina*, *Libythea celtis*, *Thecla betulae*, *Palaeochrysophanus candens*, *Kirinia roxelana*, *Plebejus pylaon*, *Aricia artaxerxes*, *Philotas vicrama*, *Erebia aethiops* and *E. medusa*.

Surroundings of Uludag (24. - 28.VII) produced the following more interesting species: *Parnassius apollo*, *Quercusia quercus*, *Agrodiaetus iphigenius*, *Erebia ottomana*, *Pseudochazara mnischevii*, *P. beroe* and *P. mamurra*.

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## BOOK NOTICES:

LEMAIRE, Claude, 1974. Revision of the genus *Automeris* Hubner and related genera (in French) (Lepid. Attacidae or Saturniidae), Vol. 3, in *Memoires du Museum National d'Histoire Naturelle, Serie A*, 92, pp. 423-576. With genitalia figures 279-370 and plates 50-61. This and Volumes 1 and 2 are available from: Librairie du Museum, 38 Rue Geoffroy Saint-Hilaire, 75005 Paris, FRANCE.

Simplified Checklist of the Skippers and Butterflies of the U.S. and Canada. In eight photo-offset sections, containing all valid genera, species and subspecies, plus alphabetical annotations. \$6.30 postpaid. Richard E. Gray, Aux. RR #2, Enfield, N.HAMP. 03748, U.S.A

BROWER, Auburn E., 1974, *List of the Lepidoptera of Maine—Part 1, The Macrolepidoptera*. 136 pp., 3 habitat illus., fold-out map. Complete date/locality data on 1267 verified species, 43 more are probable. Available from Publications Dept., Life Sciences and Agric. Exper. Sta., Orono, MAINE 04473, U.S.A.

GOMEZ-BUSTILLO, M. R. & FERNANDEZ-RUBIO, F., 1975, *Los Estingidos de la Peninsula Iberica* (Sphingidae of Iberian Peninsula), in Spanish, 12 pages, 21 color plates. Booklet revision of Sphingidae of Spain and Portugal; life history, distribution. Only 100 copies available. Price, U.S. \$1.75, including air postage.

Ibid, *Las Mariposas de la Peninsula Iberica* (Butterflies of Iberian Pen.), 1974, two volumes, 500 pages, 400 color plates, in Spanish. Color photo's of all Spain and Portugal Rhopalocera; life histories, distribution. De luxe edition, price U.S. \$25, including surface postage. Order either of above items from: SHILAP, P.O. Box 331, Madrid, SPAIN.

FIBIGER, M. & KRISTENSEN, N. P., Nov. 1974, *Sesiidae of Fennoscandia and Denmark*, Vol. 2 of *Fauna Entomologica Scandinavica*. 91 pages, 3 color plates with drawings of 22 species, 116 black/white photo's and line drawings, size 15 x 21 cm. (approx. 6 x 8 in.). A series paralleling "Moths of America" is planned, but covering all of entomology (currently 13 Lepid. volumes are projected, all in the Micro's). Well written in English, this volume covers every phase of the subject—larvae, genitalia, terms, keys, distribution, etc. The amount of detail in this small book is amazing, but then, there are only 22 species to discuss. Price, 40.- Danish kroner (30% discount for whole series subscr.) Order from: Scandinavian Science Press Ltd., DK-4621 Gadstrup, DENMARK.

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## REQUEST U.S. INSECT STAMPS

In August, 1976, the XV International Congress of Entomology will be held in Washington, D.C. We are anxious that an insect stamp, or a block of 4 insect stamps be issued to commemorate this important congress.

We request that members of the Society write to the Honorable Benjamin Franklin Bailar, Postmaster General, Post Office Department, Washington, D.C. 20260 and recommend the issue of such insect stamp, or stamps.

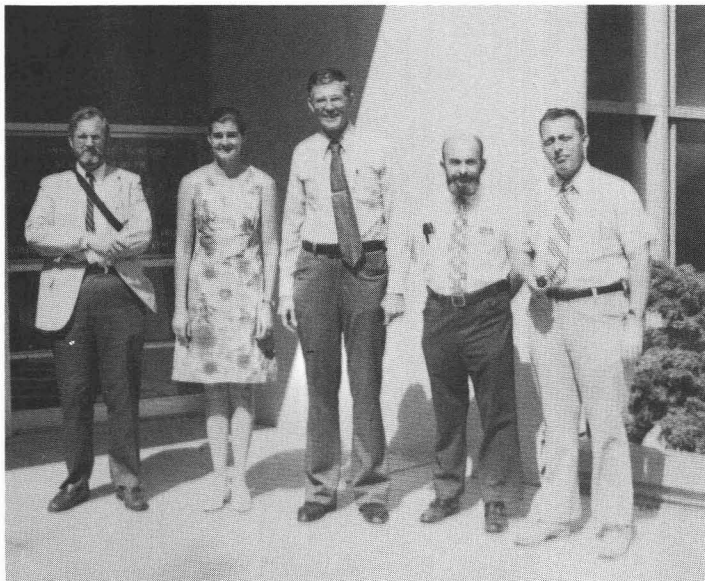
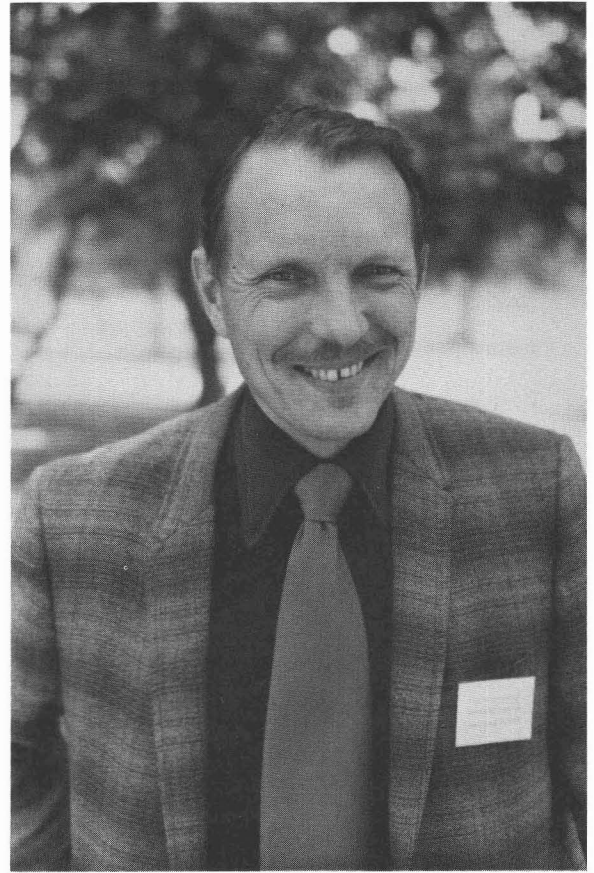
As precedent, the issue of a block of four for the Interna-

tional Botanical Congress of 1969 may be cited. Other valid reasons for such an issue are the importance of insects in forestry and agriculture, or their beauty.

Please write immediately and let's get some publicity for insects whether beetle, butterfly or bee.

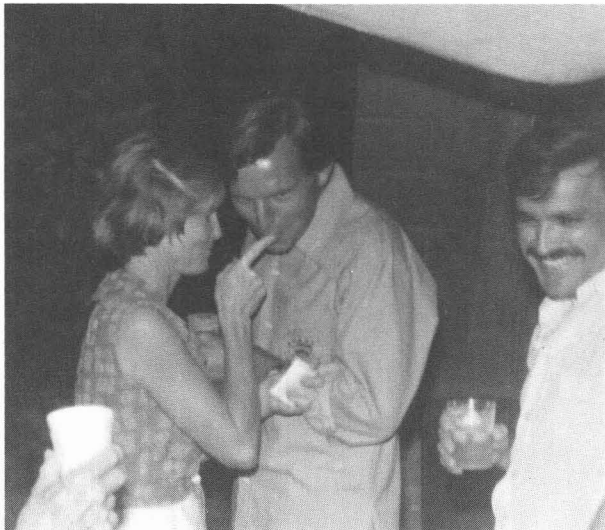
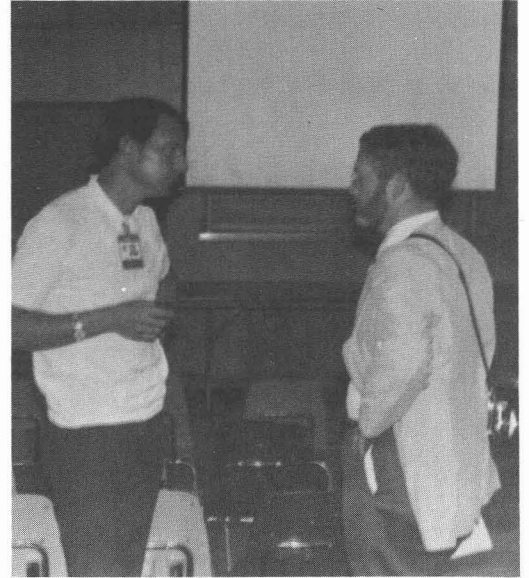
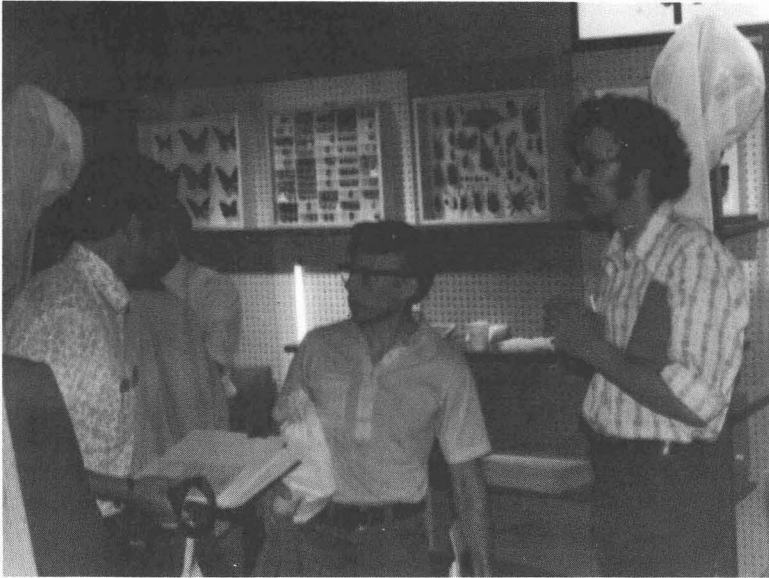
J. F. Gates Clarke  
Research Associate  
Department of Entomology





#### 1974 ANNUAL MEETING

*Upper Left: Fred Stehr, Jon Shepard, Jo Brewer, Bob Pyle, Mrs. Pyle; Left Center: Executive Board Think Session; Lower Left: Ken Philip, Jacqueline Miller, Ron Leuschner, Harry Clench, Lee Miller; Upper Right: Fred Stehr, 1974 Karl Jordan Medal winner.*



#### CANDID SNAPS FROM '74 MEETING

*Upper Left: Van Buskirk, Hodges, Donahue at BioQuip booth; Upper Right: Philip and Donahue discussion; Left Center: A Tasty Finger — Julian Donahue and the Hardings; Right Center: Fred Thorne's back, Covell, Fall, Terry Taylor; Lower Left: Eichlin gets it while Duckworth and Powell snicker.*

## CONSERVATION OF LEPIDOPTERA: A NEW COLUMN

Though man has increased his numbers through the centuries, it has only been in the last century that his attention has been called to the profound changes his activities have wrought in the rest of the natural world. As lepidopterists, both professional and amateur, many of us have become increasingly concerned with the fact that many moths and butterflies may be at the brink of extinction. Although there is a separate group, *The Xerces Society* which devotes itself primarily to Lepidoptera conservation, I feel it will not be amiss to devote some of our attentions to the topic. I hope we can focus on ecological aspects of the subject in this column, which should then allow us to better understand and cope with the problem which faces us.

First let me state that probably there are now *more* Lepidoptera than there have ever been before. This is due to the fact that, in general, the kinds of plants cultivated by man and those exotic weeds which intrude wherever man disturbs the environment are better suited to the production of Lepidoptera. Our problem, of course, is that this process is one of replacement of native plants and their associated native Lepidoptera. An example is the replacement of *Pieris napi* by *Pieris rapae*. In California originally the native bunch grass must have supported large populations of several *Hesperia* species; now after the broadscale introduction of european grass, *Hesperia* are found only in relatively undisturbed sites, while other skippers such as *Polites sabuleti* and *Hylephila phyleus* have become ubiquitous and protean. Thus our efforts should be directed toward those species which are limited to host plants and associated habitats which cannot tolerate man's hand. We know that such species vary widely in distribution and abundance, so that we must be particularly concerned with those which are limited to single host plants of restricted range, or to Lepidoptera which are limited in distribution, even though their host plants may be of wider occurrence. It should be one of our primary tasks to discover as much as we are able of the ecology of species in this last category: their host plants, life histories, parasites, behavior, and any other facet of their lives which may assist in our efforts to assure their survival.

Paul A. Opler  
Office of Endangered Species

## ELECTION RESULTS

The following results were obtained in the last election:

President Elect: Ronald W. Hodges (Washington, D.C.)  
1st Vice President: Donald R. Davis (Washington, D.C.)  
Vice Presidents: William Hovanitz (Arcadia, California)  
Olaf H. H. Mielke (Curitiba, Parana, Brasil)  
Secretary: Lee D. Miller  
Treasurer: John M. Snider  
Members-at-Large: Charles V. Covell, Jr. (Louisville, Kentucky)  
David F. Hardwick (Ottawa, Ontario, Canada)  
J. Benjamin Ziegler (Summit, New Jersey)  
Karl Jordan Medal Representative: Jerry A. Powell (Berkeley, California)

Other elected officers to serve on the Executive Council during 1975:

President: Andre Blanchard (Houston, Texas)  
Past President: Harry K. Clench  
Members-at-Large: D. C. Ferguson (Washington, D.C.)  
R. O. Kendall (San Antonio, Texas)  
J. A. Powell (Berkeley, California)  
J. T. Brewer (Auburndale, Massachusetts)  
K. S. Brown, Jr. (Rio de Janeiro, Brasil)  
K. W. Philip (Fairbanks, Alaska)

According to the Constitutional changes made in 1973, the above slate of officers will begin their terms at the next Annual Meeting of the Society to be held at Amherst, Massachusetts, on 21-24 August, 1975. The Secretary and Treasurer will begin their terms of office immediately.

### Editorial Committee:

George L. Godfrey (Urbana, Illinois), Editor of the *Journal*.  
Ron Leuschner (Manhattan Beach, California), Editor of the *News*.  
Dr. Charles V. Covell Jr., *Memoirs* Editor.

## NEW MEMBERS:

APPLEGATE, J. M. (Dr.)	4400 4th Street So., St. Petersburg, FLA. 33705, U.S.A.
BERGSON, Charles S.	4601 Pennhurst St., Philadelphia, PA. 19124, U.S.A.
BIEZANKO, C. M. (Prof.)	Caixa Postal 15, Pelotas, Rio Grand do Sul, BRAZIL
BLACKMAN, David A.	Route 1, Box 102, Fuquay-Varina, N. CAR. 27526, U.S.A.
BROWN, C. Hugh (Dr.)	118 Brookview Terrace, Valdosta, GA. 31601, U.S.A.
BURGGRAF, Frederick	Rt. 1, Box 138-X, Newburg, MD. 20664, U.S.A.
CALVERT, William H.	Dept. of Zoology, Univ. of Texas, Austin, TEX. 78712, U.S.A.
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DAXBOCK, Werner	Buchbach 24, A-2633-Pottschach, AUSTRIA
DeMART, Clifford J.	505 Down Drive, Pittsburgh, PA. 15227, U.S.A.
DeWITT, Robert A.	815 S. San Rafael Ave., Pasadena, CALIF. 91105, U.S.A.
DICKMAN, Morris A.	45 Orchard St., New Haven, CONN. 06519, U.S.A.
FALL, Richard P. (Mgr.)	BioQuip Products, P.O. Box 61, Santa Monica, CALIF. 90406, U.S.A.

HAMLIN, Marilyn Jean (Ms.)  
HARRIS, Lowell M. (M.D.)  
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JOHNSON, Dennis A.  
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MADSEN, James L.  
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OWNBY, James D.  
PFEIFFER, Gerald P.  
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TERRY, Robert  
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741 Laine St., Monterey, CALIF. 93940, U.S.A.  
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202 Valencia Circle, Centerville, GA. 31028, U.S.A.  
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240 W Prospect St, Ft. Collins, COLO. 80521, U.S.A.  
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6 Huron Place, East Northport, N.Y. 11731, U.S.A.

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Instituto de Biologia, Apdo. Postal 70-153, Mexico 20, D.F., MEXICO

184 Main St., Northampton, MASS. 01060, U.S.A.  
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Dept. of Biol. Sciences, Stanford Univ., Stanford, CALIF. 94305, U.S.A.  
8646 Terrace, El Cerrito, CALIF. 94530, U.S.A.  
Dept. of Neurosciences, McMaster Univ. Med. Ctr.; 1200 Main St., West;  
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#### MEMBERSHIP LIST CORRECTIONS:

BABER, Donald L.  
PAGES, Andre

1511 Drake Ave., Burlingame, CALIF. 94010, U.S.A. (omitted)  
284, Boulevard Jean Jaures, 92100—Boulogne, FRANCE (address correction)



## NOTICES:

Members of the Lepidopterists' Society are invited to use this section free of charge to advertise their needs and offerings in Lepidoptera. We cannot guarantee any notices, but all are expected to be made in good faith. Please be brief, clear, and check spelling. Avoid long lists. Generally, notices will be limited to 3 appearances if more than one are requested. The Editor reserves the right to alter or reject unsuitable copy.

FOR SALE: Yearlong collections of all insect families (also spiders, scorpions, etc.). No price lists, no exchange, no live material. Collector guests welcome. Fred Smetacek, Bhimtal Forest Estate, 263136 Bhimtal, U.P., INDIA

FOR SALE: Mounted, named local moths. Minimum order 1,000 at \$400 per thousand in series up to 20 each. S. G. Jewett, Jr., Route 1, Box 339, West Linn, OREG. 97068, U.S.A.

FOR SALE: Living cocoons of *Antheraea pernyi* at \$40 per 100 or \$350 per 1,000. Buyer must obtain importation labels using application forms which I will provide. Also pupae of *Lapara bombycoides* and *Anisota rubicunda* at \$25 per 100. Larry J. Kopp, R.D. 1, Klingerstown, PA. 17941, U.S.A.

FOR SALE: *Agrias* and *Prepona* collection, with 126 *Agrias* including many rarities, also the extremely rare *Prepona praeneste*, all in good order. Price, \$1,500. A second collection of western U.S. Lepidoptera has rarities such as *Papilio bairdii*, *kaibabensis*, *martini*, *fordi*, *pergamus*, *Spey*, *nokomis caerulea*, many more in excellent order. Price \$1,200. Both collections housed in redwood Schmidt boxes, included in respective prices. S. K. Dvorak, 4341 Louisiana St., San Diego, CALIF. 92104, U.S.A.

FOR SALE: Eight 22 x 22 x 1/4 inch plywood tray drawers (\$8); Colorpack Land Camera, 3 1/2 x 4 1/2 pics, cost \$50, sell for \$30; Nature Encyclopedia, by G. C. Fisher (\$10); 6-hole pin holder with 400 pins (\$2); wooden shipping boxes, 5 in. square, write for prices and sizes. Donald L. Baber, 1511 Drake Ave., Burlingame, CALIF. 94010, U.S.A.

FOR SALE: Collection of *Prepona*, 22 spms., 10 diff., \$20; *Callicore*, 50 spms., 10 diff., \$25; *Perisama*, 59 spms., 12 diff., \$35; *Heliconus*, 70 spms., 40 diff., \$50. All good quality material with printed locality labels. Henry Hensel, 145 Bellevue Str., Edmundston, N.B., CANADA.

FOR SALE: *Onithoptera*: *O. goliath* and *chimaea* from my personal collection (make inquiry). *Trogonoptera trojanus*, \$15, males only. *Ornith. p. poseidon*, \$12 a pair. *Trodes o. papuensis*, \$5 a pair. *Papilio ulysses*, \$5, males only. *Pap. euchenor*, \$4. *Graphium weiskei*, \$3. Please add postage and packing costs to your order. Thomas W. Davies, 791 Elsie Ave., San Leandro, CALIF. 94577, U.S.A.

EXCHANGE OR SALE: Live, wild-collected cocoons of *H. cecropia* (50¢), *T. polyphemus* (50¢), and *C. promethea* (25¢). Delivery postpaid. Need living pupae of any *Papilio* sp. or live pupae of *H. rubra*, *H. gloveri*, *E. imperialis* and exotic *Saturniidae*. Craig R. Kohl, 514 32nd St. NE, Cedar Rapids, IOWA 52402, U.S.A.

FOR SALE: Complete mint sets of "Butterflies of Belize", postage stamps issued Sept. 2, 1974. 16 values, \$18.00 per set, including registered air mail postage. Will mail about Aug. 1975. Discounts on large orders. Glassine envelopes for sale in three handy sizes. Send 25¢ for price list of insects available. Eduardo C. Welling M., Apartado Postal 701, Merida, Yucatan, MEXICO.

WANTED: 12 or 25 drawer insect cabinet, preferably drawers with foam backing. Donald R. Tangren, 180 S. 8th St., Indiana, PA. 15701, U.S.A.

FOR SALE: Biologia Centrali-Americana, complete set on Lepidoptera (Het. and Rhop.). Total of 7 volumes, text and plates, royal quarto, navy blue buckram, gilt tops, NEW, uncolored plates except 10 chromolithographic. Will sell to best offer: bids start at \$900 Canadian. F.O.B. Cash. Louis Handfield; 133, Messier; Mont St. Hilaire; Quebec, CANADA.

EXCHANGE OR SELL: Moth ova this spring: *A. luna*, *A. rubicunda*, *A. io*, *C. promethea*, *H. cecropia*, *P. cynthia*. Write for list and exchanges. Glenn S. Morrell, 88 Brookside Drive, West Hartford, CONN. 06107, U.S.A.

WANTED: *Ornith. lydius* or *croesus*; *Pap. gundlachianus* and *Phoebis avellaneda* from Cuba; female *Morpho rhetenor* and *anaxibia*; *Pap. codrus medon*, *P. ulysses autocles*; *Kallima jacksoni* (Africa); *Alcidis zodiaca* (female). B. E. Ellis, 2221 Kinkel Ave., Cleveland, OHIO 44109, U.S.A.

FOR SALE: Insect Pins, \$6.00 per 1000 plus 16¢/M postage. Clair Armin, 191 W. Palm Ave., Reedley, CALIF. 93654, U.S.A.

FOR SALE: Formosan rare and common butterflies incl. aberrations, sexual mosaics. *Attacus atlas* in papers; packs of 100 different Formosan butterflies. Mrs. Chang Pi-Tzu, P.O. Box 873, Taipei, FORMOSA.

FOR SALE: 350 books on Lepidoptera, request free catalog; also second hand books. Sciences Nat; 45, Rue des Alouettes; 75019 Paris, FRANCE.

WANTED: Contact with breeders, especially butterflies, for exchange of livestock. I can send much information about getting wild females to lay eggs in captivity (all families, all groups). J. P. Vesco; 14 Bis Rue Montplaisir; 84-600 Valreas, FRANCE.

EXCHANGE: Many species of local Lepidoptera for *Lycaenidae* of the world. W. W. Gregory, 1373 Hixon St., Oakville, Ont., L6L 1R9, CANADA.

- WANTED: A copy of Field, Dos Passos, & Masters Bibliography of papers on N. Amer. Rhopalocera (see NEWS #3, 1974). This 1974 publication is out of print per U.S. Govt. Printing Office. Mike A. Rickard, 7003 Bissonnet #1602, Houston, TEXAS 77036, U.S.A.
- WANTED: N. Amer. *Parnassius eversmanni*, *clodius* and certain *phoebus* races; *Ornith.alexandrae*, *chimaerae*, *meridionalis*, and *paradisea*. I can exchange African and Madagascar Rhop. and Macro. B. Turlin, BP 27, Butare, RWANDA.
- FOR SALE: Pupae of *Battus philenor hirsuta*, 50¢ each. Quantities available. Some other common local species if ordered early. E. Homer Edgecomb, 2132 Miller St., Redding, CALIF. 96001, U.S.A.
- FOR SALE: Large selection of tropical Lepidoptera, all A1 quality papered, worldwide. Pupae and ova of *A.atlas* and *lorquini*, *Arg.mittrei*, *Act.sinensis* and *selenae*. Many other moths and birdwings. Send \$1.00 for extensive catalog. WANTED: Will buy or exchange butterflies, moths or beetles of any country if A1 quality, or books on beetles or Lepid. (any language). Mrs. M. A. Azevedo, 10, Dunholme Court, Ermine East, Ermine Estate, Lincolnshire, ENGLAND.
- FOR SALE: All items half list price, plus postage. Insect pins & minutens; wood pinning block; camel hair brushes; cork bottom shipping boxes; microscope slides; dissecting needles; scalpel with blades; slide boxes; drafting tools; pipettes; viewing stage; Marles polarizing outfit for compd. microscope. John R. Eyer, 1112 North Canal, Carlsbad, N. MEX. 88220, U.S.A.
- WANTED: Specimens considered ruined because of oily wings to be used for classroom student use, preferably *Morphidae*, *Papilionidae*, *Saturniidae*, or whatever you will part with at modest or no cost. Dr. Arturo M. Crucet, Box 105, Norman OKLA. 73069, U.S.A.
- WANTED: World wide Riodinids with complete data, to trade or buy. Also Fox, "A Monograph of the Ithomiidae, Parts I, II, and III. Can offer Brazilian material in exchange. Curtis J. Callaghan, IBM do Brasil Ltda., Caixa Postal 1830-ZC-00-Rio de Janeiro, BRASIL.
- WANT TO BUY: The Butterfly Book, by Holland, revised 1931 edition. State condition and price. James H. Maynard, 309 Irene Drive, Clarksville, TENN. 37040, U.S.A.

## RESEARCH REQUESTS:

- Wanted for population study of Texas Hesperioidea: any data or information re: genus *Hesperia* in Texas. All contributions and correspondence acknowledged. Bill McGuire, 2911 Avenue O, Galveston, TEXAS 77550, U.S.A.
- Would like to borrow preserved (in any manner) ova, larvae, and pupae of *Speyeria*, *Boloria*, and any other Argynninae. Richard A. Arnold, Dept. of Entomology, Natural Sciences Bldg., Michigan State University, East Lansing, MICH. 48823, U.S.A.
- Need comparative material, for study of *P.alpheus* populations in southern Texas, of *gracielae*, *a.alpheus*, and *a.oricus* populations, and any material from NE Mexico. Also want any records of *alpheus* from southern Texas. Mike A. Rickard, 7003 Bissonnet #1602, Houston, TEX. 77036, U.S.A.
- ✓ Want records on Newfoundland and Labrador Macrolepidoptera, including date, locality and species. Data will be included in "Macrolepidoptera of Newfoundland and Labrador" now in preparation. All records will receive credit. Ray F. Morris, Research Sta., Agric. Canada, P.O. Box 7098, St. John's West, Newfoundland, CANADA A1E 3Y3.
- Want specimens of parasitic wasps of the family Scelionidae. These tiny (1-2 mm.) black wasplets are hidden among hairs of their hosts, and are known from Nymphalids and Pyralids of certain genera. Best storage of wasplets (once detected) is in vials of 96% alcohol, with accurate host records. Desire reference to any published notes on such wasps. Lubomir Masner, Biosystematics Rsch. Inst., K. W. Neatby Bldg., Central Exper. Farm, Ottawa, ONT. CANADA K1A 0C6.
- Need information or any/all copies of "Butterfly Park Nature Club News", published by A. Carter in Roscoe, Calif. during the early 1930's, for study on butterfly "farming". Correspondence welcomed. Jeannine Oppewall, 1021 C 20th St., Santa Monica, CALIF. 90403, U.S.A.
- Want information on rare and endangered Lepidoptera of the United States for a list of threatened Lepidoptera for the Xerces Society and the OES. Need specific localities of *Euph.editha wrighti* colonies and current status of each, to assess the "threatened" status of that subspecies. Need museum records and colony information on *Lycaena heteronea clara* for a distributional study and assessment of that subspecies. Larry J. Orsak, Center for Pathobiology, Univ. of Calif., Irvine, CALIF. 92664, U.S.A.
- I am revising the genus *Hipparchia* Fabr. and all allied groups for the palaearctic region. Would be very grateful for material from most parts of this area, either by exchange or loan. For a similar project I seek *Melanargia* species from various parts of Europe, North Africa (esp. Tunisia and extreme east Algeria), and Asia. Please write before sending specimens, to avoid duplication. Otakar Kudrna, Dept. of Zoology, Cambridge, ENGLAND.

**THE LEPIDOPTERISTS' SOCIETY**  
**22ND ANNUAL MEETING, PACIFIC SLOPE SECTION**  
**CORVALLIS, OREGON**  
**JUNE 20-22, 1975**

The 1975 Annual Meeting of the Lepidopterists' Society will be held on the Oregon State University campus, Corvallis, Oregon.

The program will feature a symposium on Lepidoptera conservation in western North America. The needs for conservation and present status in the west will be covered, but major emphasis will be upon establishing and activating a comprehensive program including initiating an inventory of species needing protection and species already protected within various preserves, and creating a project priority list. The question of regulating the collecting of protected species will be considered. Guest participants from the Xerxes Society, The Nature Conservancy and various governmental agencies will be present to provide information and help.

The program will include a session for submitted papers on any aspect of the study of Lepidoptera.

The meeting will conclude with a field trip to the nearby coast to visit the salt spray meadow now inventoried for management as a unique wildlife habitat for *Speyeria zerene hippolyta* by the Siuslaw National Forest. Habitat for other endemic coastal butterflies will also be visited.

Submitted papers are encouraged. Deadline for submission of titles is June 6th.

**Program Outline**

**June 20 (Friday)**

- |            |   |
|------------|---|
| 1:00- 3:30 | Pre-meeting field trip to McDonald Forest. Meet at north entrance to Cordley Hall, Oregon State University. |
| 4:00- 5:00 | Registration, Cordley Hall — Entomology Dept. office.   |
| 6:30       | Dinner (no host)  |
| 8:00-10:00 | Informal "Lep. talk", slides, at Dr. Dornfeld's home.   |

**June 21 (Saturday)**

- |            |   |
|------------|---|
| 9:00-10:00 | Late registration, Cordley Hall, Entomology Dept. office.     |
| 9:30-12:00 | Business session and presentation of papers.                  |
| 1:15- 5:00 | Symposium, Lepidoptera conservation in western North America. |
| Evening    | Banquet   |

**June 22 (Sunday)**

- |            |  |
|------------|--|
| 8:30-12:00 | Presentation of papers                               |
| 12:30      | Depart for Oregon coast, lunch and collect en route. |
| 4:00       | Recognition ceremony, Rock Creek salt spray meadow.  |

If you plan to attend, please fill out and return the following form as soon as possible. Mail to David V. McCorkle, Dept. of Science and Math., Oregon College of Education, Monmouth, Oregon 97361.

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**Pre-Registration Form**

Name ..... Address: .....

Number in party: .....

Please check the appropriate items.

..... I plan to attend but don't need help in arranging accommodations.

..... I plan to attend and wish an information packet on accommodations.

..... I wish to present a paper. (A title Submission Form will be sent to you promptly.)

from: THE LEPIDOPTERISTS' SOCIETY

Allyn Museum of Entomology  
3701 Bay Shore Road  
Sarasota, Florida 33580, U.S.A.

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Memoirs of the Lepidopterists' Society, Number 1 (Feb., 1964)

**A SYNONYMIC LIST OF THE NEARCTIC RHOPALOCERA, by C. F. dos Passos**

Price:

Society Members, paper covers, Addenda et Corrigenda (revisions of Melitaeinae and portions of Lycaenidae supplied separately), \$5; non-members, \$7.50. Hard-cover binding (revisions bound in): Members, \$8; non-members, \$10.

Send to **Memoirs** Editor Dr. Charles V. Covell Jr., Dept. of Biology, Univ. of Louisville, Louisville, Ky. 40208, U.S.A.

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## 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 (\$13, U.S.A.) together with full address and areas of interest in Lepidoptera. Remittances in dollars (U.S.A.) should be made payable to The Lepidopterists' Society. All members will receive the **JOURNAL** (published quarterly) and the **NEWS** (published bimonthly). A biennial membership list will comprise one issue of the **NEWS** in even-numbered years. Back issues of the **JOURNAL** may be purchased from the TREASURER.

Information on membership may be obtained from the TREASURER, Dr. John M. Snider, 3520 Mulldae Ave., San Pedro, CALIF. 90732, U.S.A. Changes of address must be sent to him alone, and only when changes are permanent or very long-term.

Other information about the Society may be obtained from the SECRETARY, Dr. Lee D. Miller, Allyn Museum of Entomology, 3701 Bay Shore Rd., Sarasota, FLA. 33580, U.S.A.

Manuscripts for publication in the **JOURNAL** are to be sent to the Editor, Dr. George L. Godfrey, Illinois Natural History Survey, Natural Resources Bldg., Urbana, ILL. 61801, U.S.A. See the inside back cover of a copy of the **JOURNAL** for editorial policies.

Items for inclusion in the **NEWS** should be sent to the Editor, Ron Leuschner, 1900 John St., Manhattan Beach, CA. 90266, U.S.A.