

# NEWS

of the LEPIDOPTERISTS' SOCIETY

No. 4

Jul/Aug 1979

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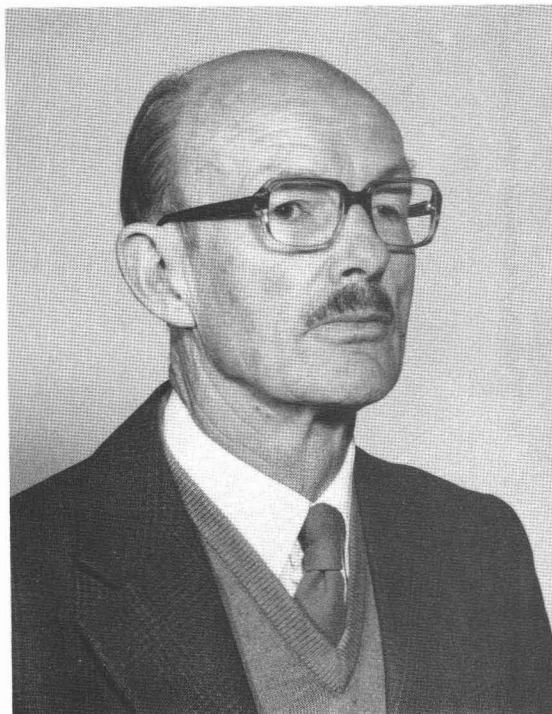
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## P R E S I D E N T I A L   P R O F I L E

IAN FRANCIS BELL COMMON was born in Alford, Lincolnshire, England on June 23, 1917, and soon afterwards his Australian parents returned with their family to Queensland. After attending the Toowoomba Grammar School, he graduated in Arts and in Agricultural Science (both with first class honours) from the University of Queensland. He received the degrees of MA in 1946, MAgrSc in 1953 and DAgrSc in 1969. In 1945 he was appointed as an entomologist in the Department of Agriculture in central Queensland and in 1948 joined the Division of Entomology, CSIRO, in Canberra. He is currently a Chief Research Scientist of that Division and Chief Curator of the Australian National Insect Collection.

For as long as he can remember Dr. Common has been fascinated by things that crawl. While at school, and under the stimulating guidance of the late E.J. Dumigan and W.B. Barnard, two well known Queensland collectors, he began a collection of butterflies and moths, much of which is now part of the ANIC. Although University studies greatly broadened his view of entomology, he retained and expanded his early interest in the taxonomy of Lepidoptera. His training in taxonomic and economic entomology impressed upon him the basic need for accurate identification in all entomological investigations. He has always been convinced of the importance of studying living insects in the field as well as preserved specimens. Consequently he has devoted much attention not only to collecting adult Lepidoptera but to rearing and preserving the immature stages, and recording by means of notes and colour photographs their habits and food preferences. He has collected widely in every State of Australia and has contributed, either alone or in collaboration with his colleagues Mr. M.S. Upton and Mr. E.D. Edwards, a large part of the extensive Lepidoptera section of the ANIC.

His research has included studies on the taxonomy and ecology of Noctuidae and other families of Lepidoptera, on migration, and on the evolution and higher classification of the Lepidoptera. He has studied the types of many Australian species during two visits to the



Dr. Ian Francis Bell Common

British Museum (Natural History). His consuming and life-long interest has been the taxonomy and biology of the microlepidoptera, and he is currently engaged upon taxonomic revisions of the Australian Tortricidae and Oecophoridae. He contributed the Lepidoptera chapters in "The Insects of Australia" (1970) and in "Supplement 1974" of that work, and is the author of "Australian Moths" (1963), "Australian Butterflies" (1964), and coauthor with Dr. D.F. Waterhouse of "Butterflies of Australia" (1972), a completely revised edition of which is due to be published within the next year. He has also contributed sections on Lepidoptera to the Australian Encyclopaedia and the Encyclopaedia of New Guinea, and many papers to various scientific journals.

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### NEW PUBLICATIONS

MARIPOSAS DE LA PENINSULA IBERICA, Volume IV. Dr. M.R. Gomez-Bustillo et al. This volume includes a review of the following families: Notodontidae, Thaumetopoeidae, Dilobidae, Lymantriidae, Arctiidae, Hypsidae, Endrosidae and Nolidae: US \$42.00. Each volume of this outstanding series (by a member of the Lepidopterists' Society) is illustrated with hundreds of color plates. An eventual total of 10 volumes is planned (Macro & Microlepidoptera, ISBN 84-500-6204-7). Volumes already published include: Vol. I & II: Rhopalocera & Grypocera, 1974. US \$38.00; Vol. III (Cossidae, Cochlididae, Epipyropidae, Zygaenidae, Thyrididae, Ctenuchidae, Lemonidae, Bombycidae, Syssphingidae, Attacidae, Endromididae, Lasiocampidae & Sphingidae) 1976, US \$38.00. The whole set of four Volumes is offered at a 15% discount: US \$ 100.00 (surface mail postage included). Write to: SHILAP, Apartado 331, Madrid, Spain.

INSECTS OF HAWAII, Volume 9: Microlepidoptera, Elwood C. Zimmerman. This volume treats nearly 700 species in the Monotrysia, Tineoidea, Tortricoidea, Gracillarioidea, Yponomeutoidea, Alucitoidea and Gelechioidea and completes the author's extensive study and reclassification of the Hawaiian moths and butterflies. Included are chapters on the collection, preparation, study, and classification of the Lepidoptera, parasites and predators, immature stages, hostplants, keys to groups, etc. Nearly 1,355 illustrations, including eight plates in color, form a major part of the text. All species are illustrated in detail, including features of many larvae and pupae. This is one of the most unusual works to be published on the moths of any fauna. Its use is not confined to Hawaii, because it includes details on various widely distributed species and species of economic importance. ISBN 0-8248-0487-2, LC 48-45482, \$60.00 the set. Part I: 912 pages; Part II: 1024 pages, illustrated (including 8 color plates).

(Ed. Note: Vols. 7 & 8 of this series, already published, treat Macrolepidoptera (556 pp., Illus. 1957 0-87022-907-9, \$12.00), and Pyraloidea (468 pp., Illus. 1958 0-87022-908-7, \$10.00). Volume 1 is now out of print. A revised edition is in preparation. Volumes 2-6 treat insects other than Lepidoptera. All are by Dr. Zimmerman. Volumes 10-12 (Diptera) are by Elmo Hardy.)

1979 ELECTION RESULTS (All assume office on 1 July 1979):

President-Elect: Theodore D. Sargent  
First Vice President: Arthur M. Shapiro  
Vice Presidents: Norman D. Riley; Atuhiro Sibatani  
Executive Council Members-At-Large: M. Deane Bowers; Elaine Hodges; William D. Winter, Jr.  
Karl Jordan Medal Representative: Eugene G. Munroe

A MESSAGE FROM THE SECRETARY

It is evident from notes and comments on some of the ballots returned during the recent Society election (the response of nearly 41% was quite respectable), that some members of the Society are dissatisfied with our election procedure. There seem to be two principal objections: (1) none or few of the candidates are familiar to the voters, (2) there is usually only the minimum number of candidates proposed for each office. (This year was an exception, in that there were four candidates for the three vacancies for Member-at-Large of the Executive Council.)

In response to the first objection, it should be noted that the Nominating Committee is appointed by the President, usually at each annual meeting. Usually, but not necessarily, this Committee consists of members who are present at that meeting, and the nominees are likewise usually at that meeting, or have a history of attending most meetings. This meeting attendance record is very important, because the vast majority of actions by the Executive Council are made during the Annual Meeting. Since these actions affect every member of the Society, we feel it very important that we have as much input and discussion as possible at these meetings, representing as many different viewpoints as possible. If a Council member is not present, his thoughts cannot be heard. Because our membership is worldwide and widely-scattered, the Annual Meeting presents the only reasonable opportunity for the Executive Council to meet. As a consequence, the nominees are well-known to members who attend the Annual Meetings, but may be unknown to members who do not participate in the meetings or read the minutes of those meetings.

To alleviate this lack of familiarity with the candidates, it will be proposed at the Fairbanks meeting that biographical information for each candidate be distributed with the ballots. Other societies do this routinely, but I have no explanation why ours doesn't.

With respect to the number of candidates for each office, Article V of the Constitution specifies that before July 1 the Nominating Committee "...shall nominate no more than two candidates for each elective office to be filled for the ensuing year." Furthermore, the Constitution continues, "Additional candidates may be nominated by submission to the Secretary of written nominations signed by not less than ten members." The reasons for the paucity of nominees appear to be (1) in my two years as Secretary, not one nomination has been submitted by members to augment those proposed by the Nominating Committee, and (2) a scarcity of members who are willing and able to hold office (being able includes ability to attend meetings on a regular basis).

In response to the question, "Why bother sending out ballots?", Article V of the Constitution demands that it be done, regardless of the number of nominees.

In the last decade the Executive Council has initiated and made many changes in the Constitution and By-Laws of the Society, in order to remove ambiguities and make them more responsive to the needs of the members. Article XII of the Constitution specifies the means for making amendments to both the Constitution and By-Laws, which are really quite simple. Proposed amendments to the Constitution are signed by at least five members of the Society and transmitted to the Secretary, who transmits them to the News Editor for publication at least three months prior to mailing the annual ballot in November. A two-thirds majority of those voting is required for approval. The By-Laws may be amended or repealed by a majority vote of the Executive Council, either at a regular meeting or by mail canvass.

The present Constitution and By-Laws may be found on pages 4-13 of the Society's Commemorative Volume. The By-Laws were subsequently amended in February 1978 with the addition of Section 10 to Article I, and the addition of new words to Section 1 of Article II (text of both on page 2 of News No. 2, March/April 1978).

In these days of increased consumer advocacy and demands for a more responsive government, it is refreshing to see that members of the Society are also beginning to speak up. Your elected officers all serve without salary and perform their obligations to you in addition to their normal vocational responsibilities. We all need input and feedback from the members if we are to serve the best interests of the Society and lepidopterology.

Please take this open letter as a personal invitation to become more involved in the activities of your Society. If there is something you don't like, propose a change, now that you know how easy it is.

Julian P. Donahue, Natural History Museum of Los Angeles County, 900 Exposition Boulevard, Los Angeles, California 90007, U.S.A.

## TWO TYPES OF FRENZIED CHASING

### in the Gettysburg National Military Park

In recent summers we have observed two different types of frenzied flights of groups of butterflies on the Gettysburg battlefield. These seem different from typical hill-topping and unlike behaviors which we have seen or read about before.

The first type of exceedingly rapid chasing flight, consisting of groups of up to ten male *V. virginienensis* (Hunter's Butterflies), was observed during June to August 1972-76 at the edges of open, nearly level fields close to lone oak trees and only near twilight. The second type of frenzied chasing involved many species at once on hot afternoons in sunny clearings near the tops of wooded Culp's Hill and Big Round Top. These apparent sportive chasings were pursued so intensively as to minimize interest in food, sex, or the presence of human intruders.

#### V. Virginienensis at Dusk

At 8:30 PM (EDS) on July 8, 1972, we saw five small Hunters chasing each other wildly in wide circles at the edge of a wheat field beside a lone white oak tree near the 83rd N.Y. Infantry monument on the west side of Oak Ridge (Doubleday Ave.). From time to time they perched for rest upon the highest heads of some uncut wheat, then together they resumed chasing in groups. This behavior was little affected by our approach and for the first time one of us was able to catch a butterfly in hand directly from flight. At dusk, at a second location about a quarter mile away near a lone pin oak in the corner of a field at Reynolds and Buford Avenues, another group of Hunters behaved similarly.

On July 21, 1972, at the first location up to ten Hunters alternately "buzzed" each other, usually in circular flights, and rested on the tallest tops of wild carrot, clover and other plants from about 8:15 to 8:45 PM. The sounds of contact or collision were heard as the butterflies made no effort to avoid us. At 8:45 all disappeared, one taking four successive positions in the nearby short grass until 9:00 PM where he probably spent the night. At the same place on July 22 and 23 the frenzied flights of Hunters began about 10 minutes before sunset. Once a *P. asterius* wandered into the area, was attacked, and then quickly retreated. The last evening flight of Hunters in 1972 was observed on August 21 at the Doubleday Ave. location.

In the summers of 1973 and 1974 fewer evening flights of male Hunters were observed. However, they occurred at both locations on August 11, 1973. When resting, they would take off in pursuit of stones thrown over them.

In 1975 the behavior was observed at the same places on June 23 and 24. On June 28 as many as ten chased wildly in close groups which included fresh and worn butterflies. Again they rested on projecting tops of grasses and wildflowers from which they would dash in pursuit of thrown sticks or stones. On cloudy evenings from June 25 to July 2, only pairs of Hunters chased each other beginning about 7:50 PM.

In 1977 the frenzied flights were observed only once at the Reynolds-Buford Ave. location (we were away in June and most of July); and in 1978 not at all. One site alteration at both locations in 1977 and 1978 was thorough mowing near the oak trees which left no tall grass or flowers. During the day, however, Hunters, including larger females, were seen nearby on flowers in 1978.

#### Papilios and Other Species

Since the spring and summer of 1970 we have watched *P. philenor*, *P. troilus* and *V. antiopa* chasing each other, usually on sunny afternoons, through a clear space near the 66th Ohio Infantry monument east of the top of wooded Culp's Hill. Similar behavior occurred near the top of Harper's Hill south of Gettysburg near the Mason-Dixon line. In the second location, *P. marcellus* and *P. cresphontes* sometimes joined the melee crossing a particular sunny spot where huge diabase boulders restrict the growth of trees and bushes. Occasionally a small form of *L. astyanax* joined in the chase, and this species always rested in the lower tree branches rather than on or near the rocks or earth, as did the others.

On hot, sunny afternoons of June 10 and 16, 1978, we discovered a battlefield location where even more species and numbers could be observed in frenzied flights. This is the small barren clearing near the summit of Big Round Top, the spot where an observation tower was removed some years ago. In climbing the path up the wooded hill we saw only one or two butterflies, but on arrival at the sunlit clearing, groups of mixed species and sizes zoomed across every few minutes at heights from near the ground to 10 feet. After resting on tree trunks, lower branches, rocks, or the ground, groups of mixed species resumed their mad flight across or near the clearing. The very numerous *P. philenor* seemed most aggressive in the chases. However, most impressive in flight were the *P. cresphontes*. (Only on the battlefield have we ever seen two or three of these giant swallowtails at once.) Other species which participated in the intermittent chasing included *P. troilus*, *L. astyanax*, *V. atalanta*, *A. celtis*, and *P. comma*.

Far above in the tree tops, numerous *P. glaucus* circled leisurely but very seldom joined in the chase below. The presence of a few tourists did not affect the chasing butterflies. *V. antiopa* sometimes preferred to alight on the light-colored shirt of a tourist rather than upon a rock or log. A bouquet of flowers ordinarily attractive to many of the butterflies was placed in the clearing but brought only one brief customer, a *P. troilus*, during an hour. Although the chasing flights seemed less rapid than those of *V. virginienensis* at dusk, attempts to photograph an oncoming flight using .001 second exposure gave only a blur.

We would be happy to hear from observers of similar flight behavior or from persons interested in the battlefield as a butterfly preserve.

Calvin and Althea Schildknecht, R.D. 8, Gettysburg, PA 17325.



EUPTOIETA CLAUDIA  
in  
MANITOBA

Klots, in his Field Guide to the Butterflies, mentions that *Euptoieta claudia* is scarce even in Minnesota. He was evidently unaware of its occurrence in Manitoba. At The Pas in Manitoba where I have collected intensively since 1950, it is a sporadic catch, dependent on how strong the spring migration of *E. claudia* ♀♀ was from the south.

The species evidently cannot overwinter here as an adult, and there may be return migration, as yet unrecorded, southward. Its range is not yet known, but it could extend a long way northward, as native violets of various sorts reach tree line and beyond.

In any case, it can be said that *E. claudia* is a migrant into our area from the southern United States. Battered ♀♀ arrive in the spring on the prevailing south winds in an apparently small migratory phase. They lay eggs on wild violets or garden pansy. The pupal period is brief (as in the tropics) and a large Manitoba produced form emerges in July. Cool moist summers tend to produce larger and darker forms.

During the early 1960's I was Park Naturalist at Riding Mountain National Park, with headquarters at Wasagaming, Manitoba. In the course of routine work various butterfly observations were made, including positive evidence that *E. claudia* breeds in Manitoba. Excerpts from my field notes at that time are hereby presented as originally written:

Wasagaming, Manitoba July 20, 1964

"Today at the Forestry Nursery Station I watched a ♀ *Euptoieta claudia* lay eggs on garden pansy plants. Also, I found 2 second instar larvae on very small pansy seedlings nearby. They have 2 tufted horns at the front and are variegated brownish. They rested parallel to one another. The ♀, while laying, placed the eggs singly, one to a seedling. She was rather battered and I did not have the heart to collect her, engaged as she was in motherhood, an American invention. These larvae should produce adults in 3 - 4 weeks time. This is the first time I have seen the species laying."

July 23, 1964 "Today, near the Information Office in the Park, I saw a very large, fresh darkish looking specimen of *Euptoieta claudia*. This must have come from the earliest laid eggs - perhaps in early June. There is thus an apparent overlap in appearance of fresh specimens on the wing."

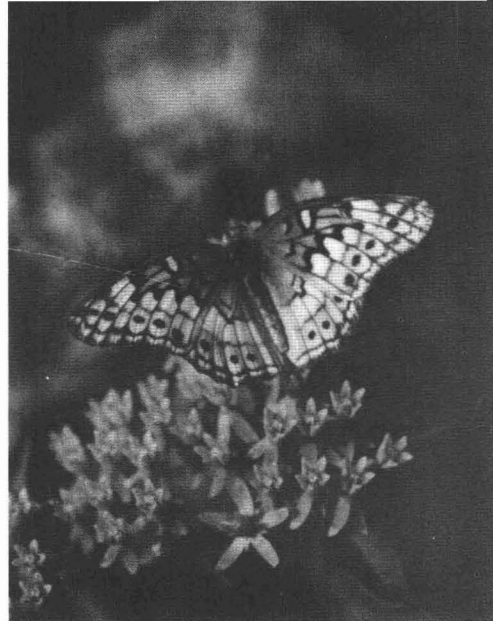
August 7, 1964 "On August 2, 1964 I found an *Euptoieta claudia*-like larva eating pansies in a flower window box of the bunk house in town. This was in its last instar. It pupated August 4. I am not certain that this is *Euptoieta claudia*, so am eagerly awaiting its emergence. If it is *Euptoieta claudia* this will confirm my idea that there is a final smallish terminal brood on the wing at the end of August and running into early September. This is the last brood and is characteristically smaller. Some large specimens taken at The Pas in July 1956 indicate the larger summer generation. This small form possibly does not occur at The Pas in the autumn."

August 14, 1964 "Emergued in the afternoon a good specimen of *Euptoieta claudia*. The specimen and pupal case preserved. Pupal period: 12 days."

August 16 1964 "Today I saw a large, fresh *Euptoieta claudia* at the window box where the pansies are grown. It moved too swiftly to determine the sex. It flew 30 feet straight up and over the building and was away."

The above data is likely the first on the biology of this butterfly species in Manitoba. Its sporadic appearance and infrequent capture may have precluded previous observations in its biology.

Walter Krivda, The Pas, Manitoba, P.O. Box 864 CANADA



*Euptoieta claudia*

# Ripples

Dear Jo,

On January second in Grand Cayman, BWI, I caught what appears to be *Siproeta stelenes*, but instead of a clear to light green on the wings, there is a fluorescent green. There are also abnormally large patches of green on the wings. On the underside of the forewings there are two silver lines instead of the normal one. According to Norman Riley's *Butterflies of the West Indies, Siproeta stelenes* found in the Cayman Islands. Does anyone know what this butterfly is? Could this be a subspecies? If anyone has any information that may help me, please write!  
Brian Dunleavy, 295 Forest Hills Circle, Devon PA 19333. USA.

Dear Jo Brewer:

I thoroughly enjoyed John Masters' essay in the May/June issue of the Lep's NEWS. You are doing a magnificent job. I know what it is to put out the kind of publication you do, having been in the newspaper business since 1936.

I, of course, have a beef. It concerns advertisers who do not quote you prices in the ads. This entails much letter writing, much faith and trust on the part of the collector who is involved. I, like Masters, have never gotten back good specimens from the pros in the business. One idiot in Taiwan spoke glowingly of a certain butterfly. I replied to his ad, asking for a price, and got a reply in return quoting a sum that would have paid off a good part of the national debt. Giving the price he wanted in the first place would have obviated much waste of time and annoyance.

The people of Papua are much the same. They quote prices in their own coin of the realm and then tell you to go to your bank for an interpretation in dollars and cents. You work blindly with people like these and hope they send you good specimens!

I have taken jewelry of great value on approval from gem and mineral collectors with less trouble than it takes to pour a drink of water. If I did not like the price I didn't send for the gems in the first place, and if I didn't like the gems I sent them back. No sweat involved. I would suggest that all professionals send insects on approval. After all, is it not much fairer to share the risk?

Again. Kudos to Masters for his eloquence, and to you for exhibiting so much patience and forbearance.  
Ed Reid, 5002 San Vicente Blvd, Los Angeles, CA 90019.

Dear Jo,

Here's a story that you may enjoy.

In November 1978 the Chief of Engineers issued a booklet called "Impressions--A photo essay on life and landscape at Corps of Engineers lakes," or, more formally, Engineer Pamphlet 360-1-14. The booklet is described as "a photographic summary of what Pete Czura saw during a year spent visiting 30 Corps lakes." On p. 36 of EP 360-1-14 is a picture of a butterfly (Ind. 1).

I started out on 20 Nov. 1978 to find out where the picture was taken. The first answer I got was merely another copy of EP 360-1-14, so I wrote again. Here is the resulting correspondence:

Office, Chief of Engineers 10 December 1978  
Washington, DC 20314

Gentlemen:

- (1) Reference my letter of 20 Nov.--attached.
- (2) It asked for the locality--the place--where the picture on p. 36 of EP 360-1-14 was taken. That is what I really want to know.
- (3) Asking for a copy was an afterthought but thank you for it.
- (4) Now please answer my question.

Sincerely,

Bryant Mather

Mr. Bryant Mather  
213 Mt. Salus Drive  
Clinton, Mississippi 39056

15 January 1979

Dear Mr. Mather:

Thank you for your interest in our publication *Impressions*. Unfortunately we cannot give you an answer to your question.

As you noted, Mr. Czura spent a full year taking pictures

(roughly 30,000, in all) and there was no requirement to annotate where they were taken. As the title implies, our goal was to present a representative sampling of nature available at Corps projects in general.

Since the photo you are specifically interested in is of a butterfly, there is even greater difficulty in identifying its location since there are no geographic features which might identify the site.

Again, thank you for your interest and I am sorry that I cannot be of more help.

Sincerely,

JOHN P. JONES  
Chief, Research and  
Editorial Division  
Public Affairs Office

Mr. John P. Jones  
DAEN-PAR  
OCE  
Wash., DC 20314

20 January 1979

Dear Mr. Jones

Reference your letter of 15 Jan. 1979.

Please give me Mr. Czura's address; any photographer who cares about his work records in his log where he took the pictures he took. Since you didn't ask him, I shall.

Sincerely

Bryant Mather

Dear Mr. Mather:

5 February 1979

Mr. Czura's address is: R.P. "Pete" Czura  
3781 Washington Street  
Lincoln, Nebraska 68506

Sincerely,

John P. Jones

Mr. R.P. "Pete" Czura  
3781 Washington St.  
Lincoln, Nebraska 68506

18 February 1979

Dear Pete:

Attached is the file of correspondence which began last Nov. 20 when I was deeply impressed by your butterfly picture on p. 36 of "IMPRESSIONS".

I suspect it is an aberrant female of *Battus philenor* (The Blue Swallow tail) but this would depend on the locality at which the picture was taken.

Please tell me, as best you can where and on what date the picture was taken. Should you have another shot of the same butterfly I'd sure like to see it. If this turns out to be as I expect it may I will send you a copy of the note about it I plan to write for the Lepidopterists' Society and make you a co-author.

Sincerely,

Bryant Mather

March 11, 1979

Dear Mr. Mather:

Sorry to be late in responding to your query regarding where the color shot of the butterfly was taken which appeared in page 36 of "Impressions."

As I recall, it was taken one Sept. day, in p.m., around East Lynn Lake, West Virginia, while on assignment for the Corps of Engineers. I don't have that shot in my file, but I am sure the Corp office in Washington would allow you to use it, if you gave credit where it came from, and returned it, undamaged. You have my permission to use the shot, if it does meet your specifications and needs.

Again, forgive the delay, I've been in and out of the hospital since Dec. 10 and had open heart surgery. I also admit I am not an expert about butterflies but I do enjoy taking photos of all of nature's children, from spiders to elephants charging at me.

Cordially,

Pete Czura

25 March 1979

Dear Mr. Jones

Thank you for sending me - with your letter of 5 Febr. 1979 - Mr. Czura's address. I wrote to him and have a nice reply. I inclose a copy. Please lend me the picture.

It is the one of a butterfly on p. 36 of Impressions (EP 360-1-14 Nov. 1978).

Sincerely

Bryant Mather

6 April 1979

Dear Mr. Mather:

Enclosed is the butterfly slide you requested. It is a duplicate, so you may keep it.

We hope this will fulfill your need.

Sincerely,

JOHN P. JONES

I then sent the picture to Charlie Covell in Louisville, Kentucky:

11 April 1979

Dear Charlie:

You are as near West Virginia as is any knowledgeable lepidopterists I can think of to write to to get an opinion.

In enclose a picture taken by R.P. "Pete" Czura of Lincoln, Nebr. on assignment for the U.S. Army Corps of Engineers in September, in the p.m., around East Lynn Lake, a CE reservoir, in W. Va.

It was reproduced on p. 34 of a booklet (EP 360-1-14 Nov. 1978) called "Impressions" distributed by the Corps of Engineers.

It looked strange to me. What do you think? (I'd like the slide back).

Sincerely

Bryant

University of Louisville  
Louisville, Kentucky 40208

May 16, 1979

Dear Bryant:

Thanks for your recent letter and look at the slide. Some impression. It looks to me like a striking aberration of *Papilio troilus*. I have seen nothing like it in collection, field, or literature. Perhaps Lee Miller can give a good opinion. I am returning it herein.

Charlie  
Charles V. Covell Jr.  
Professor of Biology

So I sent it to Lee Miller in Sarasota, Florida, who replied as follows:

Allyn Museum of Entomology  
3701 Bay Shore Road  
Sarasota, Fla. 33580

5 June 1979

Dear Bryant:

Well, I would venture to guess that the slide is a picture of a very aberrant *P. troilus*. Although a picture may be worth a thousand words, at the angle of this picture, we cannot do much with it. All I can say is that it is indeed very interesting, but a collected specimen would have been better for the science.

As always,  
Lee  
Dr. Lee D. Miller  
Curator

By now I'm convinced that out of 30,000 pictures there was only one that was of any scientific interest to lepidopterology, and that fate (?) decreed that it got selected to be published on p. 36 of EP 360-1-14. I suspect that we can record something from East Lynn Lake, W.Va. in early September - and guess it was a very odd *P. philenor* (?) (*P. troilus* ?) but is that all we can do? Suggestions would be welcomed.

Sincerely  
Bryant

Jo Brewer, Editor  
The News of the Lepidopterists' Society

June 20, 1979

Dear Bryant:

It is now exactly 7 months to the day since this search for identity began, and here is the butterfly which has caused so much red tape to be unwound, so much postage to be expended, and so many miles to be crossed.

To me, in my ignorance, it looks like a non-conformist member of the Machaon complex and to Dave Winter it has the feel of a rather wierd *Papilio polydamus*, but to date no one has back up his opinion with any concrete evidence. It seems highly unlikely that any other photographer captured this specimen on film and even less likely that any Lepidopterist captured it "in person." Any evidence, or any opinion is welcome, but we suspect that the butterfly has been lost to science forever.

Sincerely,

Jo Brewer, Ed.



Butterfly with an Identity Crisis



#### RESPONSES to LIFE HISTORIES ANONYMOUS

These were largely received from J. Scott (Lakewood, CO). The named collector allegedly has data and/or preserved material.

SATYRIDAE: *Erebia magdalena*, complete, M. Young, Lakewood CO  
E. theano, ova to middle instars, J. Scott  
NYMPHALIDAE: *Chlosyne damoetas*, complete, J. Scott and J. Emmel, Hemet, CA  
*Euphydryas anicia*: young larvae, J. Scott; complete, R. White, Norfolk, VA  
*Phyciodes orseis*: complete, J Res Lep 12:236 & 14:84, comparison with *pallida*, J. Scott  
*Polyg. hylas* & *oreas*, complete, J. Scott; J. Emmel (*oreas*).  
LYCAENIDAE: *Satyrrium fuliginosum*, ova, J. Emmel.  
*Callophrys nelsoni*: complete, J. Lake, Toronto, Ont.  
*Lycaena editha*, *rubida*, *cupreus*, ova, J. Scott.  
*L. epixanthe*, ova hibernating, Can Ent 40:85 Cook, Watson  
*Plebejus shasta*, complete, J. Emmel.  
*P. lupini*, complete, Carl Goodpasture  
PIERIDAE: *P. agarithe*, complete, W. Kiel, Whitefield, NH; Jo Brewer.  
HESPERIIDAE: *Pyrgus centaureae*, ova, J. Scott.  
*P. ruralis*, complete, C.D. MacNeill, Oakland, CA  
*Euphyes bimaculata*, ova & early stages, J. Scott.

# NEW MEMBERS

ADAMS, Gary G., 31 Killarney Ct., Houma, LA 70360  
 ANDERSON, Helen C., Private Rd., Mastic, NY 11950  
 AUERBACH, Stevanne, 812 Howard St., San Francisco, CA 94103  
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Don Eff has with great regret sent in his resignation as Co-ordinator for Zone 3. A new way of life with a new companion, he says, are keeping him well occupied at present. The Lepidopterists' Society--especially the collectors in Zone 3, owe Don a huge vote of thanks for the many years that he has done such an excellent job, and we certainly all wish him the best of all possible futures. The new Co-ordinator will be Ray Stanford, who has volunteered to take on Don's responsibilities, so please send your reports at the end to the summer to:

NOTICES - Buy, Sell, Exchange

Members of the Lepidopterists' Society are invited to use this section free of charge to advertise their offerings in Lepidoptera. We cannot guarantee any notices, but all are expected to be made in good faith. By decision of the Board, prices of specimens offered for sale will not be published henceforth. Please be brief and clear, and check spelling. Notices will be limited to two appearances. The Editor reserves the right to alter or reject unsuitable copy.

- FOR SALE: 300 glassine envelopes for \$5.00, postpaid; this is 100 each of size 1 3/4 x 2 3/4, size 2 1/4 x 3 1/2, size 4 x 4. Clo Wind, 827 Congress, Pacific Grove, CA 93950.
- FOR SALE: Papered Lepidoptera from the Misahualli area of Ecuador, large selection, list on request. H. Schlorff, 547 S. Ashley, Ann Arbor, MI 48103.
- FOR SALE: I wish to sell my collection of over 2,000 papered butterflies in glassine envelopes with data from San Diego County, few from Arizona, in one lot. It includes few rare choice specimens. Price: \$300.00 in Cashier's check or Money order. Will send list on request. Richard W. Breedlove, 2370 Julian Ave, San Diego, CA 92113.
- FOR SALE/EXCHANGE: A few Pupae of Brahmaea certhia F., only reported in Taiwan, cocoons and specimens of A. selene & A. sinensis, cocoons of A. atlas, specimens of Agehana maraho. Prices on request. WANTED: Morpho anaxibia & Morpho didius. Please quote selling price. Mr. Ying Min Wu, PO Box 2-046, Pei Tou, Taipei, Taiwan, R.O.C.
- WANTED: Papered specimens of Callophrys henrici, C. gryneus, C. hesselli, Strymon M-album and an A-1 pair of Hyalophora columbia. Also I would like livestock of any of these species, and pupae of Euchloe olympia, pieris napi, Citheronia regalis, and cocoons of Callosamia angulifera. I would also welcome correspondence with anyone in the following states interested in trading or selling lepidoptera - Wyoming, W. Virginia, Virginia, Maine, Alaska, Arizona, Nevada and northern Michigan. James Bess, 12247 Onondaga Rd, Onondaga, MI 49264.
- FOR SALE: Butterflies of southern California. Free list on request. All letters answered. Robert Wuttken, 2710 1/2 Highland Ave, Santa Monica, CA 90405.
- WANTED: All species of U.S.A. Rothschildia, Agapema, Calosaturnia, Hyalophora (esp. H. Columbia), ssp nokomis, kasloensis and hybrids F1, F2, E. Calleta, T. Polyphemus and T. Luna forms. Send all offers to Mr. Hajok Henri, Boite Postale No. 21, Nevers-Montots, 58002 Nevers. FRANCE.
- WANTED: copy of Tropical Leaf Moths by P.E.S. Whalley; Beautiful Beetles of the World by T. Tamanuki, T. Sekiguchi; Butterflies and Moths by Alfred Werner; Beetles by Ewald Reitter. Les Sielski, PO Box 21, Wheeler, IN 46393 USA
- FOR SALE OR EXCHANGE: Butterflies from the Indo-Australian region. Top quality, papered, with collecting data. Ornithoptera, Troides, Papilio, Delias, and others. Please send self-addressed, stamped envelope for listing. B.E. Ellis, 3817 Schiller Ave, Cleveland OH 44109 USA.
- FOR SALE: Papered specimens of Ornithoptera. For details write to Robert Gotts, 12 Macleay Ave, Wahroonga, U.S.W. 2076, AUSTRALIA.
- WANTED: All Sphingidae of the world. Individual specimens or series. Any Louisiana Lepidoptera or Coleoptera, pinned or papered, in exchange. For further information write to Vernon A. Brou, Rt. 1, Box 74, Edgard, Louisiana 70049 USA.
- WANTED: I would welcome correspondence with any members of the Lepidopterists' Society who would like to exchange butterflies. Jacques Nieszporek, 6.71 rue Paul Eluard, 92230 Gennevilliers, FRANCE.
- FOR SALE: No. 2 of the Deluxe Edition of Comstock's hand illuminated & inscribed BUTTERFLIES OF CALIFORNIA. For further information, please write to Jo Brewer, 257 Common St. Dedham MA 02026. USA.
- FOR SALE: A-1 Eumaeus atala florida, one pair of Ornithoptera rothschildi, and a few specimens of Battus philenor acuada. Send all offers to: G.B. Murray, 1200 Pinewood Rd, Villanova, PA. 19085, U.S.A.
- WANTED: Correspondence with Florida, Georgia, Alabama or S. Carolina collectors who would be willing to sell or trade rhopalocrea from their area to me. All letters will be answered. Write to G. B. Murray, 1200 Pinewood Rd, Villanova, PA 19085, U S A.
- EXCHANGE or TO SELL: Bred A-1 papered pairs of Argema mimosae. Also some A. atlas and Urania ripheus, which I would like to exchange for pupae/ova of overwintering species of Saturnids and Papilios. Exchange preferred, but sale acceptable. William Perrie, 69 Marksbury Avenue, Kew-Richmond, Surrey, England U.K.
- WANTED: Correspondence with breeders or collectors worldwide who wish to sell live pupae of butterflies & moths, especially papilios. Also other showy insects. Please send list of species available with prices. Annual supply envisaged. Ian Wallace, 109 Fairmile Rd, Halestown, West Midlands, B63 3PZ ENGLAND.
- FOR SALE: Printed entomological labels. Exceptionally high quality for prices as low as \$2.25 per thousand. Labels are typeset in 4 pt type (not photoreduced from typed copy), and are printed in special black ink on 110 lb white index stock. Quick service promised. Supported by the LEPIDOPTERA RESEARCH FOUNDATION, WHICH receives 20 % of the purchase price of the labels. For brochure with complete data and prices, write to Bio-Publication Services, 25711 N. Vista Fairways Drive, Valencia. CA 91355. Attention: John H. Masters.
- FOR SALE: Malaysian butterflies and birdwings of the Philippine Islands. Enquiries at PO Box 322 ANG MO KIO, SINGAPORE 20.
- FOR SALE: I have rare butterflies from Thailand, collected from northern rain forest area, as well as other parts. Prices are quite reasonable. For free price list and information, write to: Peter Fuchs Jr, 5932 NE 6th Ave, Miami, FL 33137. U.S.A.
- WANTED: Butterflies and moths of Brazilian region --especially Caligo "owls" and Morphos. Janice Logan, Route One Fayetteville, TN 37334.

A letter has recently been received from Dr. Andrzej W. Skalski (Muzeum Okregowe W Czesochowie, Ratusz B, 42-200 Czesochowa, Poland) requesting exchange for a copy of Howe's Butterflies of North America. He has for exchange Polskie Pismo Entomologiczne, Acta Zoologica Cracoviensia, and other literature on Polish Lepidoptera. Presumably currency cannot be sent from Poland. Any interested persons my contact Dr. Skalski.

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Dear Jo,

As some of the livestock will be emerging next fall, it is imperative that this information be put into the summer edition of the News.

AVAILABLE: Pupae of *Hemileuca nevadensis* (Saturniidae) and *Papilio indra fordi* (Papilionidae). Interested persons contact: Richard Priestaf, P.O. Box 14203, U.C.S.B., Santa Barbara, California 93107.

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#### RESEARCH REQUEST

NEEDED: Viable ova or pupae of *Papilio polyxenes* from any regions in the United States. In return I would be willing to supply some papered *Papilio m. macheon*. Mark Finke, Department of Entomology, University of Wisconsin, Madison, Wisconsin 53706.

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#### 26TH ANNUAL PACIFIC SLOPE MEETING OF THE LEPIDOPTERISTS' SOCIETY

Cosponsored by Departments of Entomology and Zoology, University of California at DAVIS  
Plenary sessions August 25-26, 1979

The program will feature a day-long symposium on BIOGEOGRAPHY and ECOLOGY of NORTHERN CALIFORNIA LEPIDOPTERA. Northern California is anything north of the Emmel and Emmel line (San Luis Obispo to Panamint Springs). We are hoping for lots on the north Coast Ranges, Yolla Bolllys, Trinity-Marble area, Sierra, etc. and maybe even something on the much-neglected Central Valley, where we'll be meeting.

Because Davis is so flat we are planning a 1-day trip to the northern alpine zone at MT. EDDY, near Mt. Shasta. For the outdoors-minded, the hiking, camping, and collecting opportunities are almost endless up in the north country . . . and we'll try and help you.

For information on local arrangements, write to: Dr. Arthur M. Shapiro, Dept. of Zoology, U.C. Davis, Davis, CA 95616. We will try to put our mailing out as soon as possible after the Fairbanks meeting.

\*\*\*\*\*

I would like to give a paper. MY ABSTRACT IS ATTACHED.

Author's name and complete address \_\_\_\_\_ Zip \_\_\_\_\_

Title of paper \_\_\_\_\_

Time required: \_\_\_\_\_ 20 min; \_\_\_\_\_ 30 min; \_\_\_\_\_ other (specify)

Please list any special visual aid requirements other than a standard 2 x 2 slide projector and screen \_\_\_\_\_

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ORDER FROM: Dr. Charles V. Covell, Jr., Memoirs Editor, Department of Biology, University of Louisville, Louisville, Kentucky 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 (\$13.00 U.S.), together with full address and areas of interest in Lepidoptera. Student and retired memberships also available. Remittances should be in U.S. dollars, payable to The Lepidopterists' Society. All members (except retired) 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 may be purchased from the Memoirs Editor, Dr. Charles V. Covell, Jr. (address above).

Information on membership may be obtained from the TREASURER, Ron Leuschner, 1900 John Street, Manhattan Beach, California 90266, U.S.A. Changes of address must be sent to him alone, and only when the changes are permanent or very long-term.

Other information about the Society may be obtained from the SECRETARY, Julian P. Donahue, Natural History Museum of Los Angeles County, 900 Exposition Boulevard, Los Angeles, California 90007, U.S.A. Please notify him of any additions or changes in interests as published in the Membership List.

Manuscripts for publication in the JOURNAL are to be sent to the EDITOR, Dr. Austin P. Platt, Department of Biological Sciences, UMBC, 5401 Wilkens Avenue, Catonsville, Maryland 21228, U.S.A. See the inside back cover of a recent issue of the JOURNAL for editorial policies.