



NEWS

of the LEPIDOPTERISTS' SOCIETY

Number 6
15 November, 1971
(last 1971 issue)

Editorial Committee of the NEWS

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The Mount Shasta Butterfly Boom of 1971

In response to the query about the "millions of butterflies" in the region of Mt. Shasta, Calif., in August of 1971, the Editor has received letters from Richard C. Gardner, Sterling O. Mattoon, Marlen McWilliams, Oakley Shields and Ralph Wells. All agreed that Nymphalis californica, a Ceanothus feeder, was the dominant species. Mattoon writes that "on Aug. 15 we traveled the north-south highway 89 from the vicinity of Burney southward to Mt. Lassen Nat. Park. Throughout this entire area of Shasta Co. large numbers of the Tortoise Shell butterfly were encountered. At the higher elevations along the highway - especially approaching Lassen Park - the numbers of californica increased to the point that striking them began to obscure vision through the windshield."

Gardner noticed, en route to Mt. Shasta with Louis Clarke on Aug. 14, gutters along the streets of the town of Mt. Shasta "fairly thick with dead N. californica, no other species." As they drove to Mt. Shasta itself,

great numbers (but not really clouds) of this species were sighted, generally flying southwest. The butterflies flocked to mud holes to drink, often clambering over one another. A few sweeps of the net brought in about 35 californica. In the bowl near the Ski Lodge, they parked and found what Gardner identified as Sierra Thistle covered with californica, plus S. montivaga oweni, N. milberti subpallida, and Cynthia (formerly Vanessa) virginiensis. Of these only californica seemed to be migrating. Mud holes and patches of snow were covered with drinking butterflies of these four species. Here, too, gutters along the roads were full of dead Tortoise Shells - only. The two of them collected 260 specimens in three hours, 100 of them N. californica.



Some of the species reported in the newspaper article mentioned in the September NEWS were obvious misidentifications (Regal Fritillaries, Queens, Buckeyes, Red Admirals, American Coppers), although other species were certainly present in usual numbers. Some year, the NEWS would like to print some good black and white photos of these great numbers of N. californica, which has been known to build up in great quantities in the Mt. Shasta region in the past.

PROBLEMS WITH POLYETHYLENE FOAM IN INSECT BOXES

Polyethylene foam has recently been used very successfully as a pinning bottom for insect boxes. However, a word of caution should be given here in hopes of saving someone considerable trouble.

I decided to use this material for storing pinned insects, and bought some sheets of it to line my insect boxes. In the tropics extreme humidity is one of our greatest problems, and I thought this material would be of great utility. The quality used was that employed here as a lining for refrigerators and other types of cold storage receptacles, and the only kind I know to be available here. It is moderate in density, probably less than the six pounds per cubic foot currently in use for insect boxes in the United States.

I was quite pleased with this new method until one day when I discovered book lice and dermestids in one of my cabinets, at work on the specimens. I immediately took all the boxes out and fumigated the cabinet with carbon bisulfide. In a special fumigating chamber I put about 10 empty boxes and about 4 others with specimens that were in the infested cabinet; fumigant was introduced. The results were something to make me quite aware that the polyethylene was not the ideal pinning material. After 24 hours in the fumigating chamber the bottoms of the boxes had shrunk to about one-third to one-fourth their original sizes. Luckily most of the boxes were empty. The others, however, were a mess, as the specimens were all jammed together and many were damaged beyond repair. Fortunately most were common species easily replaced.

This lesson has switched me back to composition board. I will not condemn polyethylene altogether; but I suggest that prospective users try a sample piece, exposing it to any type of chemical that might be used in storage and fumigation. I had no problem with naphthalene and paradichlorobenzene.

— Eduardo C. Welling M.
Merida, Yucatan, Mexico

1971 PACIFIC SLOPE MEETING

The 18th Annual Meeting of the Pacific Slope Branch of the Society met on Aug. 28-29, 1971, with the Santa Barbara Museum of Natural History as host. On the evening of the 27th the Carl Kirkwoods entertained the group with an open house. The program, arranged by R. L. Langston and P. A. Opler, included a presidential address by C. L. Remington, "Lepidoptera and Islands," and papers by C. D. MacNeill, C. Goodpasture, M. Singer, R. White, R. E. Dietz, J. P. Donahue, and Wm. Hovanitz; others showed slides. Topics included: behavior, territoriality, ecology of Plebejus acmon, diversity in Euphydryas editha, collecting in India and in the American tropics, and populations of Speyeria adiaeste.

There was some discussion of the 1970 Field Season Summary, with concensus that it be restored to the "old" format (which it will be). C. Don MacNeill was chosen program chairman for 1972, and the meeting will be held somewhere in the San Francisco Bay area toward the end of August.

John Lane, Secretary pro tem for the meeting, reported 37 registered members and guests, representing Connecticut, California, Arizona, and Nevada. Sessions were presided over by O. E. Sette, Julian Donahue, and Lloyd Martin. Formal minutes will be published later in the Journal. The Editor is grateful to John Lane and Bob Langston for furnishing the information for this resume.

MISCELLANY FROM THE EDITOR:

Word has reached us of the passing of Dr. P. H. H. Gray of Digby, Nova Scotia, on October 11th after a long illness. He was 79. A biographical obituary will appear later in the Journal.

* * *

Beginning with the January, 1972, issue, Associate Editor Paul Opler will run a regular feature series in the NEWS designed to resurrect the old "Especially for Field Collectors" section of the Journal. One or two short articles will appear in each issue. YOU are invited to submit brief and, wherever possible, ILLUSTRATED articles to Dr. Opler, no more than about two pages in length (typed, double-spaced if possible). Topics are legion. Some might be: "NUMBER OF SPECIES COLLECTED IN ONE DAY," "REARING TECHNIQUES FOR _____," "PHOTOGRAPHING LIVE BUTTERFLIES," "BAIT TRAPS," "MAKING SPREADING BOARDS," "HOW TO KEEP A COLLECTION NOTEBOOK," and many more. Contributors must send their manuscripts to Dr. Paul A. Opler, Finca la Pacifica, Cañas, Guanacaste, Costa Rica, C. A. by AIR MAIL.

* * *

If you have not sent in your ballot yet, please note: in the last Vice President selection, you are to VOTE FOR ONE of the two candidates; and for Executive Committee, you are to vote for THREE of the candi-

dates. If you still have your ballot, please make the effort to send it in as corrected here. Also - please pay your dues promptly, and donate a little more if you can afford it (SUSTAINING MEMBERSHIPS ARE MOST HELPFUL).

* * *

Treasurer S. S. Nicolay informs us that we have had over 150 new members this year.

* * *

A non-member wants to sell a collection of butterflies and moths. If you are interested, write: Mrs. Mary Hancock, 808 Rowcliffe Ave., Kelowna, B. C., Canada.

* * *

I regret the slowness with which you receive the NEWS. The bulk rate mailing goes very slowly in the U. S., and overseas it takes maybe 3 months. I regret also that some announcements have reached you too late to be useful. Please contribute to this newsletter whenever you have interesting information. I do not respond to all mail; that is impossible. But requested responses are eventually made. We need to hear more from our non-U.S. members. Authors of books and important lengthy papers on Lepidoptera should let their colleagues know about the "new arrival" by informing me. I want the NEWS to be the vehicle by which amateur enthusiasm and professional experience and expertise are mutually blended.

* * *

OTHER REMINDERS:

- Dealers, please send me the information indicated in No. 5 for inclusion in the Dealers' Directory in the January 1972 NEWS.
- Don't forget to keep your collection fumigated!
- Don't forget to send out that parcel of specimens you promised to send 'Ole So-and-so.
- Really DO get into that backlog and do some spreading this winter.
- Plan to attend the 25th Anniversary Annual Meeting in Texas next June (and send Roy Kendall information about yourself if you are a past officer or editor).

* * *

If you have not received a given issue of the NEWS, write Sidney A. Hessel, Nettleton Hollow Road, Washington, CONN. 06793, U.S.A. for a copy. Please note that No. 3 for 1971 (Field Season Summary Issue) was printed along with No. 2, and that beginning this year there are 6 issues, bimonthly beginning January 15th.

* * *

The Society thanks our 1971 officers for their fine and dedicated performance. We owe special gratitude to Dr. John Downey, who is retiring as Secretary after several years' service. We welcome our new President, Lloyd Martin, and new Secretary, Lee Miller, and wish them and all our other new officers few pitfalls, and much luck and satisfaction in their duties for the Society. To all our members - Merry Christmas, and here's to a happy productive and satisfying 1972 in all your various pursuits in Lepidoptera.

- CVC

FIELD SEASON SUMMARY:

Now is the time to get together your notes on the 1971 collecting season, and prepare a brief, neat report to send to your Zone Coordinator. As we have informed you already, the Summary will return to the format of years previous to 1970, and will be prepared under the philosophy that each member who wishes will have the opportunity to chip in his bit and see it appear in print. Since the NEWS is not intended to be a periodical for "permanent record," the most important sort of information on distribution, life history, etc., should be submitted for publication in the Journal or other "permanent" scientific publications.

Many members use the Summary as a guide to specific collecting sites and times, and means by which another member can be contacted regarding species of mutual interest. Desirable information includes weather conditions, abundance of species (especially the more desirable ones), migrations, state range extensions, collecting sites and plants, and biological information. Be certain of correct identification of insects and plants before reporting. Type (double-space) or print your report, and check spelling carefully. And avoid vague statements which do not really tell the reader anything. Individual reports must be in the hands of the Zone Co-

ordinators by January 15, 1972. Zone Coordinators must have their condensed reports in my hands by March 1, 1972.

This year we have lost J. Richard Heitzman after many years as Coordinator of Zone 5. Thanks, Richard, for your fine service. Welcome to "Mo" Nielsen as the new Zone 5 Coordinator. We also welcome Tom Emmel as the Coordinator of our new South American Zone 10, and hope there will be many contributors to his report.

Names and addresses of the Zone Coordinators are as follows:

- ZONE 1: (Calif., Ariz., Nev.) Robert L. Langston, 31 Windsor Ave., Kensington, CALIF. 94708 U. S. A.
- ZONE 2: (B.C., Wash., Ore., Ida., Mont.) E. J. Newcomer, 1509 Summitview, Yakima, WASH. 98902, U.S.A.
- ZONE 3: (Alta., Wyo., Utah, Colo., N.M.) Donald Eff, 445 Theresa Drive, Fairview Estates, Boulder, COLO. 80302, U.S.A.
- ZONE 4: (Sask., Man., N. and S. Dakota, Nebr., Kans., Okla., Texas) H. A. Freeman, 1605 Lewis Drive, Garland, TEXAS 75040, U.S.A.
- ZONE 5: (Ont., Minn., Wisc., Mich., Iowa, Ill., Ind., Ky., Ohio, Mo., West Va.) M. C. Nielsen, 3415 Overlea Drive, Lansing, MICH. 48917, U.S.A.
- ZONE 6: (Ark., La., Tenn., Miss., Ala., Fla., Ga., N. and S. Carolina, Va.) Bryant Mather, 213 Mt. Salus Dr., Clinton, MISS. 39056, U.S.A.
- ZONE 7: (Que., Nova Scotia, New England, N.Y., N.J., Pa., Del., Md., D.C.) L. Paul Grey, Rt. 1, Box 216, Lincoln, MAINE 04457, U.S.A.
- ZONE 8: (Alaska and Northern Canada) Kenelm W. Philip, 1005 Gilmore St., Fairbanks, ALASKA 99701, U.S.A.
- ZONE 9: (Northern Neotropics: West Indies, Mexico, and Central America) Eduardo C. Welling M., Aptdo. Postal 701, Merida, Yucatan, MEXICO.
- ZONE 10: (South America) Thomas C. Emmel, Dept. of Zoology, University of Florida, Gainesville, FLA. 32601, U.S.A.

— C. V. Covell Jr.

BOOK NOTICES:

- D'ABRERA, B. 1971.* BUTTERFLIES OF THE AUSTRALIAN REGION. 352 pp., with 4,000 species illustrated in color (plus many diagrams and black and white photos). Covers Australia, Papua & New Guinea, Moluccas, New Zealand, and the islands of the South Pacific. Special pre-publication offer: U.S. \$31.50 post paid. Australian Entomological Supplies, 14 Chisholm St., Greenwich, N.S.W. 2065, AUSTRALIA.
- DUCKWORTH, W. D. 1971.* Neotropical Microlepidoptera XX: Revision of the genus *Setiostoma* (Lepidoptera: Stenomidae). Smithsonian Contribs. Zool. 106, 44 pp., 62 figs., 2 pls., 2 maps. \$.55. Order from Supt. of Documents, U. S. Govt. Printing Office, Washington, D.C. 20402, U.S.A.
- FIELD, W. D. 1971.* Butterflies of the genus *Vanessa* and of the resurrected genera *Bassaris* and *Cynthia* (Lepidoptera: Nymphalidae). Smithsonian Contribs. Zool. 84, 105 pp., 160 figs. \$1.50 from Supt. of Documents, same address as above. While *atalanta* is retained in *Vanessa*, Field refers *cardui*, *carye* and *virginiensis* to the genus *Cynthia*.
- HARRIS, Lucien Jr., in press, due out in December.* BUTTERFLIES OF GEORGIA, 350 pp., illustrated in color and black & white. \$7.95 from Univ. of Oklahoma Press, 1005 Asp Ave., Norman, OKLA. 73069. Coverage of all butterfly species known from Georgia, with information on distribution, life histories, food plants, habitats, and collecting records.
- McCUBBIN, C. 1971.* AUSTRALIAN BUTTERFLIES. 206 pp., color paintings of 330 of the 357 species, with their food plants. All species covered in text. U.S. \$31.50 post paid, from same address as D'Abbrera item above.
- 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 Muséum, 38 rue Geoffroy-Saint-Hilaire, Paris V, FRANCE. 5 francs.
- MOTHS OF AMERICA NORTH OF MEXICO.* Due for release, hopefully in December, is Part 2 of Fascicle 20 (Bombycoidea) by Dr. Douglas C. Ferguson. A newsletter to subscribers is planned to inform

them of progress on the series. Since Part 3 of Fasc. 20 will have pagination beginning where Part 2 ends, it is suggested that one wait for Part 3 before binding. Part 1 of Fasc. 20, by Dr. J. G. Franclemont, and Part 2 will each have introductory statements on the philosophy of that author regarding the subspecies question. This fascicle will include coverage of the Saturniidae and Citheroniidae as well as the Lasiocampidae, Eupterotidae and Bombycidae.

RESEARCH NOTICES:

POLYGONIA STUDY:

Records and/or specimens requested for a zoogeographic study of the genus *Polygonia* Hübner. Contributors will be gratefully acknowledged. Lepidoptera from Alberta offered in exchange; loans will be returned promptly within a year. John Belicek, Dept. of Entomology, University of Alberta, Edmonton 7, Alberta, CANADA.

LETHE EURYDICE:

I am interested in determining the current status of the *Lethe eurydice* which occurs in eastern Iowa. I have a fair series of specimens, 1971-collected, if needed for determination, from Johnson and Jones counties, Iowa. I would appreciate referral to any papers on the subject. Stephen Miller, Rt. 1, Box J-26, Nevada City, CALIF. 95959, U.S.A.

GEOMETRIDAE:

Specimens of the subfamily Sterrhinae of the Geometridae from North America needed for taxonomic revision in progress. Specimens desired on loan or in exchange (U.S. butterflies and moths offered) before March 1, 1972. I also wish to obtain Sterrhinae of rest of world, especially tropical America. C. V. Covell, Jr.

AEGERIIDAE:

Loan of specimens and data needed on all North American species of Aegeriidae for revisionary study. Will identify miscellaneous specimens. Please send to Dr. Thomas D. Eichlin (or to Dr. W. Donald Duckworth), Hall 30, U. S. National Museum of Natural History, Smithsonian Institution, Washington, D. C. 20560, U.S.A.

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 must be in the hands of the Editor by the first of every other month beginning with January for appearance in one of the 6 yearly issues. Please write neatly, carefully, briefly, and check correct spelling of names. Avoid long lists, please.

EXCHANGE: *Ornithoptera victoria rubianus* and *O. v. epiphane* offered for other *Ornithoptera*. R. H. Morgan, Rangiwai Rd., Titirangi, Auckland, NEW ZEALAND.

EXCHANGE: California butterflies offered for local species from other areas. I also have a few nice duplicates from the Philippines and Malaysia. Marlen McWilliams, 1866 Orange Grove, San Jose, CALIF. 95124, U.S.A.

EXCHANGE: Papilionidae, Pieridae, Satyridae, Sphingidae and Zygaenidae from Asiatic parts of the U.S.S.R. (Tien-Shan, Pamirs, etc.) offered for Papilionidae (esp. *Ornithoptera*), Saturniidae (esp. *Brahmaea*), Uraniidae, *Morpho*, *Catagramma*, *Catonephele*, *Callithea*, *Smyrna*, *Epiphile*, *Eunica*, *Callitaera*, *Haetera*, *Pierella*, and Lycaenidae of world. Dr. D. S. Lastochkin, Kiev - 42, Poste Resrante, U.S.S.R.

EXCHANGE: Limited number of A-1 males of *Speyeria nokomis apacheana* (Round Valley) offered for A-1 *S. idalia*. I also wish to establish contact with collectors in all parts of the U.S. interested in exchanging butterflies, including Hesperidae. I expect to have a good representation of species from my area, the northern Sierra Nevada - Cascades especially, in 1972. Stephen Miller, Rt. 1, Box J-26, Nevada City, CALIF. 95959, U.S.A.

FOR SALE: Bougainville butterflies and moths; also some Australian Lepidoptera. All at wholesale prices. Write for detailed list. David R. Holmes, "Holmden", Red Hill 3937, Victoria, AUSTRALIA.

FOR SALE: Over 900 species of Indonesian and Malaysian butterflies, giant beetles, stick insects, and scorpions. Sim Yam Seng, 21, Joon Hiang Road, Singapore 19, SINGAPORE.

- FOR SALE: Living pupae of Saturnia pyretorum and Attacus atlas. Also papered Formosan butterflies, moths, beetles, cicadas, dragonflies and praying mantids in large quantities. (Mrs.) Chang Pi-Tzu, P. O. Box 873, Taipei, Taiwan (FORMOSA).
- FOR SALE: Butterflies from Kenya, Uganda, East and South Africa, including limited numbers of rare species and subspecies (esp. Charaxes, Papilionidae, Pieridae, and Lycaenidae). Serious collectors please send for lists. Special requirements will be collected if possible. William H. Henning, 1 Lawrence St., Florida Park, Florida, Transvaal, SOUTH AFRICA.
- FOR SALE: Copies of Paul Villiard's Moths and How to Rear Them offered at 40% off publisher's price: \$6, plus \$1 for postage and handling. Barry S. Persky, 103-18 Ave. M., Brooklyn, N. Y. 11236, U.S.A.
- FOR SALE: Complete file of Lepidopterists' News and Journal, vols. 1 - 25 (no. 3). If interested, contact Murray O. Glenn, 1019 Normal St., Henry, ILL. 61537, U.S.A.
- FOR SALE: Living pupae of Hemileuca burnsii (Saturniidae), \$1 each. Please add \$.35 for postage. Richard Priestaf, 5631 Cielo Ave., Goleta, CALIF. 93017, U.S.A.
- FOR SALE: Hyalophora cecropia cocoons, \$35 per hundred, postpaid. Donald J. Dill, 7316 S. Sacramento Ave., Chicago, ILL. 60629, U.S.A.
- FOR SALE: Wide variety of Philippine biological specimens - marine, freshwater, and terrestrial - including moths, butterflies and other insects. Price lists available on request. Romeo M. Lumawig, P. O. Box 22, BOAC, Marinduque 201-E, PHILIPPINES.
- FOR SALE: 3000 Lepidoptera of Manitoba, Canada, 90% butterflies. Condition good to excellent. Full data. Properly papered to preserve antennae. Price list upon request. C. S. Quelch, 21 Park Circle, Winnipeg, Manitoba, CANADA R2c oL6.
- FOR SALE: The world's largest moth in wing-span: Thysania agrippina (Noctuidae). Prices vary from \$1 (20 - 23 cm., second quality) to \$10.00 (30 cm., A-1). Add \$1 for postage and packing. Also offer rare Papilio spp.: ornythion, pilumnus, and acauda - \$5 each. Robert Wind, Apdo. No. 93, San Cristobal, Las Casas, Chiapas, MEXICO.
- FOR SALE: Living pupae at the following prices each: H. cecropia, \$.50; A. luna, \$.35; A. io, \$.35; C. promethea, \$.25; C. angulifera, \$1.25; H. chersis, \$.60; H. drupiferarum, \$.75; H. eremitus, \$2.75; C. lineata, \$.50; and M. quinquemaculatus, \$.40. Orders wanted for Eastern U. S. Sphingidae for 1972 rearing season. Papered A-1 specimens of Eastern U. S. Sphingidae and Saturniidae for exchange. Please indicate species and quantities desired. All orders under \$10, please add \$1 for postage and handling. Paul A. Shealer, Ravenwood, R.D. No. 1, Auburn, PA. 17922, U.S.A.
- FOR SALE: We will be collecting in the upper Amazon next summer. Anyone interested in specific groups, please send approximate prices willing to pay. Robert Robbins & Jerry Glassberg, 295 Alewife Brk. Pkwy., Somerville, MASS. 02144, U.S.A.
- FOR SALE: I will be in Surinam, South America, from late November to mid-January, 1972, to collect Lepidoptera and Coleoptera. Price Lists will be prepared upon my return. Please send name, address, and families or groups in which you are interested. Frederick Scott, P. O. Box 19, Chester, Nova Scotia, CANADA.
- FOR SALE: Living pupae of H. maia, A. luna, A. io, C. angulifera, H. cecropia, A. selene, A. mylitta, and C. promethea. Also fertile ova of R. fugax. Prices upon request. William J. Shibe, 516 Bowling Green, Moorestown, N. J. 08057, U.S.A.

SALE OR EXCHANGE: Mexican Lepidoptera, mainly tropical, in wide variety. Tropical skippers and sulphurs, \$12 per 100. Peter Hubbell, P. O. Box 4607, University Station, Tucson, ARIZ. 85717, U.S.A.

WANTED: Large Arizona centipede; also fully grown *H. cecropia* larva preserved in fluid. Marlen McWilliams, 1866 Orange Grove, San Jose, CALIF. 95125, U.S.A.

WANTED: Copy of each of the following: Butterflies of the Allegheny State Park; Butterflies of Michigan by S. Moore; and Butterflies of the Eastern U.S. and Canada by Scudder. John Prescott, 623 W. 25th St., Erie, PA. 16502, U.S.A.

WANTED: Living pupae and papered specimens of Sphingoidea of N. America including Mexico. Want esp. *S. leucophaeata*, *S. elsa*, *P. occidentalis*, and western specimens of *H. diffinis*. Send price lists before sending material. Full data required. Scott N. Brown, 516 Campbell St., Royston, GA. 30662, U.S.A.

WANTED: To buy parts 1 to 5 of Talbot's Monograph of the Pierine genus *Delias* and also Roepke's papers on New Guinea *Delias*. Want also to exchange *Delias* from Western Highlands District, New Guinea, for other *Delias* from New Guinea or West Irian. Correspondence invited. Philip F. Sawyer, c/o Education Office, Goroka, NEW GUINEA.

WANTED: To buy living pupae of *H. cecropia*, *P. cynthia*, *A. polyphemus*, *H. rubra*, *H. gloveri*, *A. luna*, and many other species in either large or small quantities. Richard K. Zajdel, P. O. Box 932, East Lansing, MICH. 48823, U.S.A.

WANTED: Information on making permanent microscope slides of butterfly eggs; staining, clearing, and mounting procedures. If you can help me with your experience or know of literature that would help, please contact: Robert Dirig, R.D. No. 1, Hancock, N.Y. 13783, U.S.A.

NEW MEMBERS

ARMSTRONG, LCDR (USN) William E. 6467 Chandler Dr., San Diego, CALIF. 92117, U.S.A.
LEPID. esp. Nymphalidae Coll.

BALLMER, Greg R. 8538 Hickory Ln., Riverside, CALIF. 92504, U.S.A.
RHOP. Coll.

BECERRA, Ing. Ramon Godinez Lope de Vega No. 170, Guadalajara, Jalisco, MEXICO

CLASSEY, E. W. Esq. 353 Hanworth Rd., Hampton, Middlesex, ENGLAND

COBLER, Robert 120 James Lane, Nevada City, CALIF. 95959, U.S.A.
LEPID. Life cycles, photography Coll., Ex.

COFFIELD, Dana c/o M. C. Coffield, Amoco Ecuador Petrol Co., Casilla Postal A-361, Quito, ECUADOR
LEPID. Coll.

COLLINS, Michael M. 924 Mendocino Ave., Berkeley, CALIF. 94707, U.S.A.
MACRO. esp. Saturniidae systematics and ecology Coll., Ex.

EVANS, John E. III 358 Nassau Pl., Hampton, VA. 23366, U.S.A.

FEENEY, Prof. Paul P. Dept. of Entomology, Comstock Hall, Cornell Univ., Ithaca, N. Y. 14850, U.S.A.

FREY, Jonathan 50 Meadow St., Apt. 43, Amherst, MASS. 01002, U.S.A.

GUZO, David 317 Tener St., Swoyersville, PENNA. 18704, U.S.A.
LEPID. esp. Hesperoidea Coll.

HARRIS, William 28684 Roan Rd., Rolling Hills, CALIF. 90274, U.S.A.
LEPID. Coll., Ex., Buy

HASHEMI, J. T. 36 Khiaban Arbabi, Davoodieh, Post Area 19, Tehran, IRAN

JOHNSON, Mrs. Sylvia 145 Princeton Arms North, Cranbury, N.J. 08512, U.S.A.

L'ALLIER, Denis 4911 A Draper Ave., Montreal 253, Quebec, CANADA

LAWRENCE, Fred 1422 Euclid Ave., Medford, ORE. 97501, U.S.A.
LEPID. Coll., Ex., Buy

LETSINGER, Rae	1010 Oak St., Sarcoxie, MO. 64862, U.S.A. LEPID. esp. Geometridae Coll.
LOMBARDI, Louis Lee	44 Maple Ave., Fredonia, N.Y. 14063, U.S.A. LEPID. Coll.
LUMAWIG, Romeo M.	P. O. Box 22 Boac, Marinduque 201-E, PHILIPPINES
MILGALTER, Eli	10 Jabatinski St., Jerusalem, ISRAEL
MOORE, Eric	541 E. Chapman Ave., Orange, CALIF. 92667, U.S.A. LEPID. Coll., Buy
MOREY, Gordon F.	817 N. Wallace, Indianapolis, IND. 46201, U.S.A.
PIERCE, Mark W.	Northwestern Univ. Med. School, 303 E. Chicago Avenue, Chicago, ILL. 60611, U.S.A. LEPID. Coll., Ex., Buy, Sell
PLAGENS, Michael J.	21208 Centennial St., St. Clair Shores, MICH. 48081, U.S.A. MACRO., RHOP. Coll.
SCHOENE, William J.	1235 26th St., Santa Monica, CALIF. 90404, U.S.A. LEPID. esp. Nymphalidae, Papilionidae, Saturniidae, and Sphingidae Coll., Ex., Buy
SEELINGER, Donald F., M.D.	1010 Las Lomas Rd. N.E., Albuquerque, N. M. 87106, U.S.A. RHOP. Coll., Ex., Buy
SOCHOR, W. P.	1133 Logan Ave., Bellmawr, N. J. 08030, U.S.A. LEPID. esp. <u>Papilio</u> and <u>Speyeria</u> Coll., Buy
TIERNAN, Charles	400 S. Elm St., Tuskegee, ALA. 36083, U.S.A. LEPID. esp. Papilionidae and Danaidae Coll.
TONELLI, Walter	Corso Statuto 26, 12084 Mondovi (Cuneo), ITALY RHOP. Coll., Ex.
URBANO, Robert F.	No. 37744 - F-1, Leesburg, N.J. 08327, U.S.A. MICRO. Coll.
WELDEN, Mrs. Frances C.	7826 Willow St., New Orleans, LA. 70118, U.S.A.
YOSHIDA, Yoshio	521 Suguro, Ogawamachi, Hikigun, Saitamaken, JAPAN 355-03 RHOP. esp. Papilionidae (<u>Parnassius</u>) Coll., Ex.

REINSTATED MEMBERS:

BORG, Richard R.	4067 Freed Ave., San Jose, CALIF. 95117, U.S.A.
PRESCOTT, Mr. & Mrs. John M.	623 W. 25th St., Erie, PA. 16502, U.S.A.
SAMUELSON, G. Allen	B. P. Bishop Museum, Box 6037, Honolulu, HAWAII 96818, U.S.A.

CORRECTION:

In listing the address of Ian F. B. Common in NEWS No. 4, we omitted his title of "Dr." recently acquired.

NEW ADDRESSES:

ADAMSON, Chris	2030 Bancroft No. 5, Berkeley, CALIF. 94704, U.S.A.
BAYER, Dick	Star Fish Camp, c/o Robert Beebout, Sr., Bon Secour, ALA. 36511, U.S.A.
CONWAY, Patrick J.	4533 Stanley, Downer's Grove, ILL. 60515, U.S.A.
DICKEL, Terhune S.	1652 NW 9th Ave., Homestead, FLA. 33030, U.S.A.
DILL, Donald J.	7316 S. Sacramento Ave., Chicago, ILL. 60629, U.S.A.
FORBES, Gregory S.	2302 E. Lamar Rd., Phoenix, ARIZ. 85016, U.S.A.
GOOD, Rev. A. I.	1834 Arch St., Philadelphia, PENNA. 19103, U.S.A.
GRUETZMACHER, Mary Carol	1143 Benedict Dr., Apt.240, San Angelo, TEX. 76901, U.S.A.

HADDAD, Russ J.	160 S. 33rd St., Boulder, COLO. 80303, U.S.A.
HARADA, Koichiro	Dept. of Mathematics, Ohio State Univ., Columbus, OHIO 43210, U.S.A.
JEWETT, Stanley G., Jr.	Rt. 1, Box 339, West Linn, ORE. 97068, U.S.A.
JOHNSTONE, John T.	23 Virgo Starway, Parkway Forest, Willowdale, Ontario, CANADA
KUEHN, Roger M.	5042 N. 61st St. Milwaukee, WISC. 53218, U.S.A.
LeSAGE, Laurent	34 Notre-Dame Sud, Louisville (Mask.), Quebec, CANADA
LOMBARDINI, Dr. John B.	2403 E. Bridgehampton Dr., Baltimore, MD. 21234, U.S.A.
MOORE, Mrs. Pamela J.	3513 Fountain Dr., Apt. 1, Louisville, KY. 40218, U.S.A.
MORGAN, R. H.	Rangiwai Road, Titirangi, Auckland, NEW ZEALAND
OEMICK, Donald	1982 Oak Street, Clearwater, FLA. 33516, U.S.A.
ROLFE, William S.	P. O. Box 550, Aquebogue, N. Y. 11931, U.S.A.
SIMONDS, James P.	2501 Coyne St., No. 1E, Honolulu, HAWAII 96814, U.S.A.
WAGNER, Dr. W. H. Jr.	2111 Melrose, Ann Arbor, MICH. 48104, U.S.A.

(Clip out or copy this form, and send to Lee Miller for the 1972 Membership List:)

Please (UP-DATE, CHANGE, REVISE, ADD) my name in the 1972 membership list to be issued next spring as indicated below.

PLEASE MAIL NO LATER THAN JANUARY 1, 1972 TO:
 Dr. Lee D. Miller
 Allyn Museum of Entomology
 712 Sarasota Bank Building
 Sarasota, Fla. U.S.A. 33577

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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 received. 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.

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CORRECTION
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