



NEWS

of the LEPIDOPTERISTS' SOCIETY

Number 2 & 3
1 March, 1971

Editorial Committee of the NEWS

EDITOR: Dr. Charles V. Covell Jr., Dept. of Biology, Univ. of Louisville,
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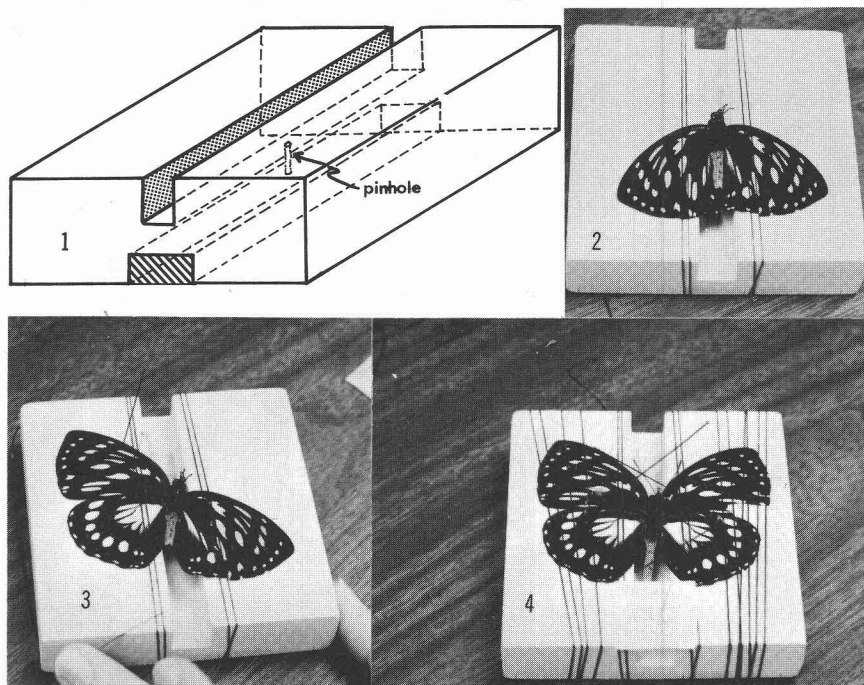
THE BLOCK METHOD OF PREPARING LEPIDOPTERA

By *Jacqueline Y. Miller*

Allyn Museum of Entomology, 712 Sarasota Bank Building, Sarasota, Fla.

The spreading block method of preparing Lepidoptera, briefly discussed by Holland (*Butterfly Book*, 1931 ed., Pg. 29), is used by relatively few collectors. Naturally, it requires some practice to perfect the technique; but the use of blocks is a simple, efficient method of preparing large numbers of specimens. The upper surface of the specimen is also completely visible, assuring the proper positioning of the wings.

Spreading blocks of basswood or preferably pine (the wood is harder and less likely to damage specimens after repeated use) can be produced easily in a woodworking shop. The only constant dimension is thickness: all blocks should be 7/8" thick. Four operations are necessary to produce the basic block: (1) cut a square block of wood, (2) make a groove in the upper side, (3) cut a groove in the lower side, and (4) drill a small pinhole through the middle of the grooves. The blocks may be of almost any square size (we use blocks



from 1-3/8" x 1-3/8" to 6" x 6") with the top grooves of varying sizes to fit the bodies of specimens (1/8" on the smaller blocks to 5/8" on the very large ones). The bottom groove is wider to accept a piece of cork or balsa wood to hold the pin securely (we use about a half inch groove and similar strip of pinning material). A number of notches are cut in the block to hold the thread which positions the wings on the block. An example of an ordinary block is shown in Fig. 1. Knot some size 50 cotton thread and wedge the knotted end in one of the notches in the block, then wrap the thread around the block 12 - 15 times. Heavier bodied species (*Sphingidae*, *Ornithoptera*, etc.) may require stronger carpet thread. The block is now ready to use.

The Block Method (continued)

Pin a thoroughly relaxed specimen and place the pin through the pinhole of the block. Then adjust the specimen's height on the pin so that the wings will lie flat along the upper plane of the block. Wind two rounds of thread over the wings and around the block on each side, pressing the wings to the block (Fig. 2). Next insert a pin under the thread on one side, lifting the thread slightly, and position the wings on that side, pinning each wing into position lightly (Fig. 3). Repeat on the other side. Finally wrap both wings down with the remaining thread, wedge the end into a notch in the block, and remove the pins from the wings (in some strong species, such as *Charaxes*, *Pyrrhopyge*, etc., it may be necessary to leave pins in at least the hindwings to prevent their slipping). The antennae can now be positioned, either by crossed pins or (better) by slipping them under a couple of threads. Pin down the abdomen, and put the data on another pin somewhere on the block (Fig. 4). Place the blocks on a tray or shelf to dry.

Drying depends on the relative humidity: if it is low, a few days are sufficient; if it is high, more than a week may be necessary. When we have spread specimens in the field where space is limited, we have used a heat lamp to dry them in a matter of three or four hours. Do not get the specimens too close to the heat lamp (two or three feet away is ideal), because they could be burned.

Many lepidopterists find the spreading block method bulky because of the many blocks required, but others find boards rather untidy with many specimens on each. It is all a matter of individual taste. Our experience is that it is far easier to handle many specimens yearly (upwards of 20,000) by the block method, and specimens all pinned at the same height are easier to store "shingled" than are those at varying heights on the pins.

NOTICE OF 1971 ANNUAL MEETING

The 22nd Annual Meeting of the Lepidopterists' Society will be held from 9:00 A.M. Friday, June 18, to noon Sunday, June 20, at the Life Sciences Building at the University of Louisville, Louisville, Ky.

The program will include submitted papers, a featured speaker, and two symposia: "Status of research on the genus *Colias*," and "Progress of faunal studies in the Southeastern States." Time is planned for informal presentation of slides, exchanging, and socializing.

A banquet will be held Saturday evening. Cost, place, and speaker will be announced later. Door prize drawings will be made at the banquet.

There will be an open house at the Covells', 2333 Brighton Drive, from 7:30 to 11:00 Thursday, June 17.

Field trips are planned for Thursday, at 9:30 A.M., and Sunday, at 1:00 P.M. Both will depart from the University. Write Covell if you wish to attend either.

LOCAL ARRANGEMENTS: Dormitory rooms at \$2 per night (\$3 if you want towels) are available adjacent to the Life Sciences Building. Make advance arrangements with: Mr. Harold Adams, Dean of Students Office, Univ. of Louisville, Louisville, KY. 40208. Do so before June 10, and be sure to say which nights you will be staying and how many are in your party. Information on motels and arrangements to be met at Standiford Airport: write C. V. Covell Jr., Chairman of the Local Arrangements Committee.

CALL FOR PAPERS: If you wish to give a talk or read a paper, send the details to Dr. Lee D. Miller, Allyn Museum of Entomology, 712 Sarasota Bank Building, Sarasota, FLA. 33577. He must know the title, duration in minutes, and your special needs such as projection equipment. June 1 is the deadline.

PACIFIC SLOPE MEETING - Santa Barbara, CALIFORNIA - August 28 - 29, 1971

Members planning a presentation please submit exact title to Robert L. Langston, 31 Windsor Ave., Kensington, CALIF. 94708, by July 15. Informal gathering Fri. Aug. 27, and annual banquet Sat. Aug. 28.

THE LEPIDOPTERISTS' SOCIETY STATEMENT OF CONDITION

31 December 1970

ASSETS		LIABILITIES	
Cash:			
Checking Account	\$2,497.29	Dues and Subscr. Deferred	\$ 208.00
Savings Account	3,152.77	Life Members (29 @ 125.00)	3,625.00
Back Issues Stock	1.00	Publications Fund	183.00
		Illustrations Fund (nominal)	1.00
		Profit and Loss	1,634.06
	<u>\$5,651.06</u>		<u>\$5,651.06</u>

Statement of Condition (Continued)

STATEMENT OF OPERATIONS**INCOME**

Dues \$8,411.92
 Regular (6,302.42)
 Sustaining (600.00)
 Student (884.50)
 Life (625.00)

Subscriptions 1,231.00

Sales 869.50
 Back Issues (732.25)
 Memoirs (137.25)

Unscheduled Income 827.25
 Extra page charges
 Color plate,
 Gummed lists

Contributions 101.50
 Illustrations Fund (87.50)
 Publications Fund (12.00)
 Postage Fund (2.00)

\$11,441.17

Expenses over income \$ 1,311.54

EXPENSES

JOURNAL Publication \$8,175.91
 Vol 24:1-4
 Reprints
 Supplements 1,581.26
 Vol 23:1-3

NEWS Publication 2,052.26

Test Reprint 105.48
 Vol 1:1 (NEWS, 1947)

Administrative Costs 519.14
 Stationery (219.04)
 Gummed lists (25.76)
 Postage (207.68)

Plant Equipment 66.66

Transferred to Savings 252.00

\$12,752.71

EVALUATION. There are no known unpaid bills for 1970. Like all else in the current economy, our costs continue to rise. Yet, with it all, we continue to produce a first rate publication(s) for a minimum price. Our deficit can be mainly attributed to non-recurring costs, e.g. the biennial membership list, the delayed cost of the Supplements for Vol 23 (1969); and to a lesser degree, administrative expenses for blank forms, plant equipment and stationery supplies that should be much less in the next two years. An estimated budget for 1971 is: JOURNAL \$8,000; NEWS \$2,000; Supplements to Vol 25 \$1,500; Administrative expenses (including postage) \$500. Hopefully, our increased dues for the current and succeeding years will provide the income to place operations again in the plus column.

Respectfully submitted,

S. S. Nicolay
 S. S. Nicolay
 Treasurer, 1970

FOR 25TH ANNIVERSARY PUBLICATION:

SOCIETY OFFICERS – PAST AND PRESENT

Please send complete information following the outline below to Roy O. Kendall, 135 Vaughan Place, San Antonio, TEXAS 78201, U.S.A. by 31 July, 1971. Presidents, V. Presidents, council members, secretaries, treasurers, Journal and News editors, and honorary life members are included.

From this questionnaire the editors of the Twenty-fifth Anniversary Commemorative Issue will compile your biographical sketch for publication. Target date for this issue is the June, 1972, Annual Meeting. Please give:

1. Full name with title if any
2. Date of birth (day, month, year)
3. Place of birth

25th Anniversary Publication (continued)

4. Details of education (degrees, diplomas, with dates & institutions)
5. Date and place of marriage
6. Children (names and ages, in descending order of ages)
7. Society appointments held (in chronological order, with precise dates and details)
8. Books on Lepidoptera (full reference with date & publisher)
9. Journals to which you have contributed
10. Organizations, Societies, etc. to which you belong (with offices held)
11. Honors, prizes, awards, etc. (with dates)
12. Lepidoptera genera, species, etc. named for you (with dates & authors)
13. Complete list of publications on Lepidoptera (give separately, in chronological order)
14. Signature

NOTE: Please also give as much of the above information as you can for any deceased officers of the Society.

NEWS/JOURNAL INDEX

We are considering publishing a consolidated Subject/Species/Author Index for the first 25 volumes of the News/Journal. This consolidated index is to be a section in the Twenty-fifth Anniversary Commemorative issue. If you have prepared such an index for any of the prior issues, please notify Roy O. Kendall, 135 Vaughan Place, San Antonio, Texas 78201 U.S.A. immediately. Volunteers are also urgently needed to prepare such indices for individual early volumes. Will you help?

NOTES

Our Treasurer, Col. Nicolay, has done a fantastic job of reclaiming the Society's exchequer from disaster, but needs your help. If you have not paid your dues (\$10 regular membership now), please attend to it at once. With regard to address changes, please avoid short-term changes (as when at school or on extended trips) and make changes only when they will be permanent. Problems of keeping addresses up to date occupy much of our time.

Each year the Editor receives complaints about people who do not honor their commitments as printed in the NEWS. If you indicate "Exchange" or "Sell" in the Membership List, please respond to letters sent by other members. Two of our members compared notes and found a very poor response to many letters they had sent to others who indicated interest in exchanging. In other cases, I hear of apparent dishonesty or neglect in re-mitting for specimens bought or carrying out an exchange as arranged. How about 30 days as a rule of thumb, unless other arrangements are settled upon?

Another suggestion has to do with research requests. Avoid open-ended requests, and let members know a date after which material or data will no longer be needed.

Your attention is called to the First International Congress of Systematic and Evolutionary Biology, which will be held at the Univ. of Colorado, Boulder, COLO., in August, 1973. This will be the first such congress to combine botanical and zoological interaction at the international level. For information write: James L. Reveal, Dept. of Botany, Univ. of Maryland, College Park, MD. 20742.

Eduardo C. Welling M. of Merida, Yucatan, Mexico, suggests the establishment of a Field Season Summary Zone XI, to include the continent of South America. Though coverage would be slim, valuable parallels to North American occurrences might prove valuable. Members interested in this idea, and volunteers to coordinate such a zone if it were added, are invited to write the Editor.

OBITUARY

Word has come from Louis Handfield that Brother David Poitras, charter member of the Society from Montreal, Quebec, died on Jan. 31, 1971. Brother David is to be remembered for his publications on the fauna of Quebec, and his devoted interest in helping youngsters know and love Lepidoptera.

RESEARCH REQUESTS

I am trying to determine the geographical distribution of populations of Callosamia securifera (known more commonly as C. angulifera carolina). Members with reliable locality data please get in touch with me. Richard S. Peigler, P.O. Box 6461, Clemson, S. C. 29631, U.S.A.

Information wanted concerning subspeciation of Plebejus (Icaricia) icarioides. All information regarding this species will be most welcome. Mike Fisher, 1200 Summit Rd., Rt. 2, Parker, COLO. 80134, U.S.A.

Specimens wanted of Hesperia pawnee and H. leonardus, and any information about them. Study is in progress of geographic variation and introgression (hybridization) at zone of contact of these two species. James Scott, 201 Wellman Hall, University of California, Berkeley, CALIF. 94720, U.S.A.

I need the following for my taxonomic research on the genera Agrias and Prepona: Agrias claudia sardana-palus and other Agrias spp.; Prepona praeeneste and related species. Stan Dvorak, 1117 Madison Ave., San Diego, CALIF. 92116, 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 are to be sent to the Editor at least two weeks before expected publication of any given issue of the NEWS. Please write clearly, express your notice plainly, and check scientific names used. Avoid long lists of names, please.

EXCHANGE: Lethe creola, Callophrys miserabilis, and some 300 remote Delias from New Guinea. Desire worldwide butterflies, esp. aberrations. Raymond J. Jablonski, 1286 S. Umatilla St., Denver, COLO. 80223, U.S.A.

EXCHANGE: Pupae of Hemileuca burnsii and H. electra offered for A-1 specimens of Saturniidae, Sphingidae, Citheroniidae, or Catocala. Send Offerta. Richard Priestaf, 6711 El Colegio Rd. # 11, Goleta, CALIF. 93107, U.S.A.

FOR SALE OR EXCHANGE: Fertile ova of many species of butterflies and moths. List sent upon request. Duke Downey, Box 558, Sheridan, WYO. 82801, U.S.A.

FOR SALE: Slightly used Schmitt boxes, display case, slide boxes, micro-lep spreading boards, and mounting equipment. Please write for details. John R. Eyer, 1112 No. Canal St., Carlsbad, N. M. 88220, U.S.A.

FOR SALE: I plan to collect moths in the Canal Zone and various other C.A. localities at the start of the wet season this May and June. Will be happy to collect species of your particular interest. Please write, stating desires and the prices you would be willing to pay. Tom Taylor, % Gordon Small, Box 2510, Balboa, CANAL ZONE.

FOR SALE: Fine 35 mm Exakta camera (German make) used in my entomological work. Precision view finder. Carl Zeiss Pancolar 2/50 lens. Leather case with shoulder strap. Approx. value \$200; will accept \$125. Post paid. R. F. Sternitzky, Star Route, P.O. Box 96, Hereford, ARIZ. 85615, U.S.A.

FOR SALE: From Pelawan Island, Philippines - Ornithoptera trojana: A-1 males \$135; A-2 males \$75. From Halmora Island - O. lydius: A-1 pairs \$65. Will also buy or exchange entomological material. Michael A. Zappalorti, 123 Androvette St., Staten Island, N.Y. 10309, U.S.A.

FOR SALE: Butterflies from Formosa, Japan, Europe, and North America to be sold as a single lot at wholesale price. For details write Donald Baber, 1511 Drake Ave., Burlingame, CALIF. 94010, U.S.A.

FOR SALE: Ova of the following (available in months noted): A. luna \$.45 per doz. (June and Aug.); H. cecropia \$.40 per doz. (May); C. promethea \$.30 per doz. (June/July). All ova guaranteed viable, and will be shipped as available. Please include \$.10 for each shipping time with advance order. Minimum order, \$2. William Houtz, RD. # 1, Schuylkill Haven, PA. 17972, U.S.A.

FOR SALE: Live chrysalids of Battus philenor hirsuta, \$.50 each. Immediate delivery postpaid. Large quantities available for special projects. E. Homer Edgecomb, 2132 Miller St., Redding, CALIF. 96001, U.S.A.

Notices (continued)

- FOR SALE: Large quantities of Formosan butterflies, moths, beetles, cicadas, dragonflies, and other insects. Butterflies prepared in many forms: papered, mounted individually on pulp sheets, or with flat paper bodies in many different packagings. Mrs. Chang Pi-Tzu, Box 873, Taipei, FORMOSA.
- FOR SALE: Wild-collected cocoons of C. promethea, \$20. per hundred. Also Praying Mantis egg cases, \$20 per hundred. Robert Header, R.R. # 1, Box 331-B, Ashland, PA. 17921, U.S.A.
- FOR SALE: Ova of A. mylitta \$1.50 per doz.; A. io \$.50 per doz.; A. luna \$.50 per doz. Please don't send money until you've received your order. Robert Schlichtig, Box 5252, River Campus Station, Rochester, N.Y. 14627, U.S.A. (After May 1st, 311 Chestnut St., West Hampstead, N.Y. 11552).
- FOR SALE: Worldwide Lepidoptera in plexiglass. Saturniidae, Papilio, Morpho, and Ornithoptera included. Barry S. Persky, 103-18 Ave. M, Brooklyn, N.Y. 11236, U.S.A.
- FOR SALE: Small collection of moths from Oaxaca, Chiapas, and other localities, EXCLUDING: Saturniidae, Sphingidae, Noctuidae, Adeloccephalidae, Arctiidae, Lithosiidae, Notodontidae, Geometridae, and Pyralidae. Eduardo C. Welling M., Apartado Postal 701, Merida, Yucatan, MEXICO.
- FOR SALE: Trogonoptera brookiana, 100 males and 3 females per set; \$50. per set. Unlimited supply. All A-1 material with full collecting data. Please send money order including \$3. postage and handling with each order. A free list of other available species will be sent upon request. K. C. Liew, M/s Kean Seng Wildlife, 75-Kota Road, Taiping, Perak, WEST MALAYSIA.
- FOR SALE: Glassine envelopes in three convenient sizes. Take stamp pad and fountain pen ink well. Please write for price list and samples. Eduardo C. Welling M., Apartado Postal 701, Merida, Yucatan, MEXICO.
- FOR SALE: Set of Morpho cypris & M. rhetenor helena, \$15; 5 diff. large moths from Brazil, \$2.50 per set; 5 diff. Papilio from Africa (no date), \$1.50; 5 diff. Morpho, \$4.50 per set; pairs of Morpho sulkowskii zepheritis, \$14.00 per pair. Full data; postpaid. Send \$.25 for list of worldwide butterflies and moths. David W. Bouton, 133 N. Main St., Plains, PA. 18705, U.S.A.
- FOR SALE: Saturniidae, Sphingidae, and over 200 spp. of world-wide beetles of families Scarabaeidae, Cerambycidae, & Lucanidae. Send for list. Russell L. Dunn, P.O. Box 468, Sedona, ARIZ. 86336.
- WANTED: Copy of Butterflies of the Indian Region by Wynter-Blyth. Will purchase or exchange specimens. Dave Jamieson, 325 N.W. 134th St., Miami, FLA. 33168, U.S.A.
- WANTED: Comstock's Butterflies of California. Prefer to buy, but can exchange large number of worldwide Lepidoptera. I would also like to know of other lepidopterists stationed at Ft. Hood, Tex. J. C. Brooks, M.D., U.S. Darnall Army Hospital, Dept. of Hospital Clinics, Ft. Hood, TEX. 76544, U.S.A.
- WANTED: To exchange butterflies on a worldwide basis. Shin-ichi Aoyama, Maruseppu-cho, Moubetsu-gun, Hokkaido, JAPAN.
- WANTED: Second-hand microscope stage of any make. Must have glass platform and reflecting mirror. Cyril F. dos Passos, Washington Corners, Mendham, N.J. 07945, U.S.A.
- WANTED: Living pupae of all species of Saturniidae and Sphingidae from any country, especially: Brahmaea wallichii, B. japonica, Rothschildia jacobaeae, R. morana, Attacus atlas, A. edwardsii, Actias selene, Eupackardia calleta, and Antherea pernyi. Also need papered specimens of Bhutanitis lidderdalei, Teinopalpus imperialis, Leptocircus curius, Papilio ulysses, Ornithoptera, Morpho, and the larger beetles. Hans Christian Røglér, Box 14, 1364 Hvalstad, NORWAY.
- WANTED: Ova or pupae of Ecpantheria scribonia and Arctia caja (American). Also ova of various Catocala. I will purchase or exchange livestock and papered material. Duke Downey, Box 558, Sheridan, WYO. 82801, U.S.A.

Notes (continued)

- WANTED: To exchange Malaysian butterflies for worldwide species. Only A-1 material with full data will be accepted. K. C. Liew, M/s Kean Seng Wildlife, 75-Kota Road, Taiping, Perak, WEST MALAYSIA.
- WANTED: A good 1931 or later edition of Holland's Butterfly Book. Donald Pschirer, 15 E. Sycamore St., Central Islip, Long Island, N.Y. 11722.
- WANTED: Back issues of Journal and News of the Lepid. Soc. from 1947 on, in good condition. Alan Macnaughton, 236 Guelph St., Kitchener, Ontario, CANADA.
- WANTED: To buy, exchange, or determine Parnassiinae from any locality. Curt Eisner, Kwekerijweg 5, The Hague, NETHERLANDS.

NEW MEMBERS

- ADAMS, Christian 6 Front St., Sea Bright, N.J. 07760, U.S.A.
- ADAMSON, Chris 2418 Dwight Way #7, Berkeley, CALIF. 94704, U.S.A. LEPID., esp. Papilionidae, Saturniidae Coll., Ex., Buy, Sell
- AKERS, Brian 19359 Chapel, Detroit, MICH. 48219, U.S.A. RHOP., esp. Papilionidae Coll., Ex., Buy
- ARMBRUSTER, David 415 Olive Dr., Bryan, OHIO 43506, U.S.A.
- AUSTEN, D. C. 41 Alder Crescent, Deep River, Ontario, CANADA LEPID., esp. Papilionidae, Morphinae, Sphingidae Coll., Ex., Buy
- BABER, Donald L. 1511 Drake Ave., Burlingame, CALIF. 94010, U.S.A. LEPID. Sell
- CLAPPE, Mike 829 E. Wilson St., Bryan OHIO 43506, U.S.A. MACRO., esp. Saturniidae, Sphingidae, Ceratocampidae Coll., Ex., Buy, Sell
- COLE, David L. Curator of Archaeology, Museum of Natural History, Univ. of Oregon, Eugene, OREGON 97403, U.S.A. RHOP., esp. Nymphalidae (altitude variability) Coll., Ex.
- DILL, Donald J. 1148 E. 48th St., Chicago, ILL. 60615, U.S.A. MACRO., esp. Saturniidae Coll., Ex., Buy, Sell
- FLORENCE, Greg Box 392, Bardstown, KY. 40004, U.S.A. LEPID., Coll., Ex.
- FORD, Greg Rt. 3, Box 125, Hermiston, OREGON 97838, U.S.A.
- GARDNER, Michael R. 1409 Drexel Dr., Davis, CALIF. 95616, U.S.A.
- GOMEZ BUSTILLO, Miguel R. C/Capitan Haya n^o76-9^o G, Madrid (20), SPAIN Spanish RHOP., Saturniidae, Ornithoptera (worldwide)
- GRINNELL, Marc L. C/o Mr. E. Riebli, 1120 Riebli Rd., Santa Rosa, CALIF. 95404, U.S.A. LEPID., esp. Saturniidae, Sphingidae
- HARTZENBUSCH, Henry J. C/o Associated Press, C.P.O. Box 607, Toyko, JAPAN
- HEADER, Robert RD #1, Box 331-B, Ashland, PA. 17921, U.S.A. LEPID., esp. rearing Saturniidae Coll., Ex., Buy, Sell
- HUBBELL, Peter Box 4607 University Station, Tucson, ARIZ. 85717, U.S.A. LEPID. Coll., Ex., Sell
- HUGHEN, Harley G. 1222 3rd St., Key West, FLA. 33040, U.S.A. Papilionidae, Coll.
- HUSHER, Neil 677 Chestnut St., Waban, MASS. 02168, U.S.A. LEPID., esp. rearing Papilionidae, Saturniidae, Aegeriidae, Morphinae
- JOHNSTONE, John F. 80 Forest Manor Rd., Apt. 215, Willowdale, Ontario, CANADA LEPID., Coll., Ex., Buy, Sell
- KARPETSKY, Timothy 5306 Loch Raven Blvd., Baltimore, MD. 21212, U.S.A. LEPID., Coll., Ex.
- KLASSEN, Paul Culross, Manitoba, CANADA RHOP., Coll., Ex.
- LESAGE, Laurent 11505 rue Pigeon, Montreal 460, Quebec, CANADA LEPID., Coll.
- LESSER, Marion 918 Adams #1, Albany, CALIF. 94706, U.S.A. LEPID., Coll., Ex.
- LIEW, K. C. Kean Seng Pet Supplies, 75 Kota Rd., Taiping, Perak, WEST MALAYSIA. LEPID., Coll., Ex., Sell

New Members (continued)

- LOMBARDINI, John B.
LUND, Richard D.
MANDSLEY, James R.
MARTZ, Valerie M.
MOORE, Mrs. Pamela J.
MUIRHEAD, A. J.
MURPHY, Raymond J.
NAKAMURA, Ichiro
NEGISHI, Koroku
NEWQUIST, Edison C.
NORGATE, Mrs. Patricia
OOSTING, Daniel P.
PARSHALL, David K.
PEAVEY, William F.
PERRY, Belinda S.
PERSKY, Barry S.
PHILLIPS, Michael J.
PRENTISS, Jack B.
RACZ, Gabor
REIMER, Jon
ROCHON, M. René
RØGLER, Hans Christian
ROTHSCHILD, Hon. Miriam
RUSSELL, Stewart
SCHOENFELD, Morris
SCHURING, Kenneth
SMITH, David S.
SOUILLIARD, Jolie
SOUTH EAST ASIA BUSINESS CO.
SPRADA, Gene
TYLER, Bonnie
VAN BUSKIRK, Floyd W.
WALLACE, Richard J.
- 104 Tuscany Rd., Baltimore, MD. 21210, U.S.A. LEPID., Coll., Ex.
Rt. 5, Box 312, Port Orchard, WASH. 98366, U.S.A. LEPID., Coll.,
Ex., Buy, Sell
Hallmark Estates, Box 205, Athens, GA. 30601, U.S.A.
1310 W. Pine St., Shamokin, PA. 17872, U.S.A. LEPID., rearing
3300 Nanz Ave., Louisville, KY. 40207, U.S.A.
Director, The Butterfly Centre, Plummer, Tenterden, Kent, ENGLAND
c/o Mrs. N. Murphy, 47 Primley Park, Paignton, Devon TQ3 3JS,
ENGLAND
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miinae, Adelpha Coll., Ex., Buy
9038 Wonderland Park Ave., Los Angeles, CALIF. 90046, U.S.A.
40 Rathnelly Ave., Toronto 190, Ontario, CANADA LEPID., esp.
rearing Saturniidae Coll., Buy
7684 Cottonwood Dr., Jenison, MICH. 49428, U.S.A. LEPID., rearing
Coll., Ex.
4638 Tamarack, Apt. C-8, Columbus, OHIO 43229, U.S.A. RHOP.,
Coll., Ex., Buy, Sell
12 Chestnut St., Westfield, MASS. 01085, U.S.A. LEPID., esp. Nym-
phalidae, Papilionidae, Sphingidae Coll.
Schuylkill Valley Nature Center, Hagy's Mill Rd., Philadelphia, PA.
19428, U.S.A. LEPID., esp. Saturniidae, Papilionidae, Danaidae, Coll.,
Ex., Buy
103-18 Ave. M, Brooklyn, N.Y. 11236, U.S.A. Coll., Ex., Buy, Sell
15 Scholer Dr., Union Beach, N.J. 07735, U.S.A. LEPID., Coll., Ex.
4222 Hermosa, Corpus Christi, TEX. 78411, U.S.A. LEPID., Coll., Ex.
Simmelweis St. 4, Budapest V, HUNGARY LEPID., esp. Papilionidae,
Saturniidae Coll., Ex.
800 N. Elmer, Apt. C-7, Griffith, IND. 46319, U.S.A. RHOP., esp.
Satyrinae, Boloria Coll., Ex.
11505 rue Pigeon, Montreal 460, Quebec, CANADA LEPID., Coll.
Hvalstadasen 14, Box 14, 1364 Hvalstad, NORWAY LEPID., esp.
Saturniidae, Sphingidae, Papilionidae, Ornithoptera, Morpho Coll.,
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1216 E. North Bay, Tampa, FLA. 33603, U.S.A. LEPID., Coll., Ex.
1526 Harmon Lane, Bethlehem, PA. 18017, U.S.A. LEPID., rearing
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21, Joon Hiang Road, Singapore 19, SINGAPORE
466 Doat St., Buffalo, N. Y. 14211, U.S.A. LEPID., Coll.
7300 Stirling Rd., Hollywood, FLA. 33024, U.S.A.
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(worldwide) Coll., Ex., Buy, Sell
RD. #1, Box 185-A, Glen Mills, PA. 19342, U.S.A. Coll.

REINSTATED MEMBERS

DALLESKE, Robert L.	Box 1238, Berkeley, CALIF. 94701, U.S.A.
DICKEL, Terhune S.	Talla Villa Apt. B-8, 925 E. Magnolia Dr., Tallahassee, FLA. 32301, U.S.A.
NAKAYAMA, Masaki	Kitakyushushi, Wakamatsuku, Miyamaru 2-10-14, Fukuoka Pref., JAPAN
OKURA, J.	1.566 2-chome, Shimo-Shakujii, Nerimaku-Tokyo, JAPAN
STEIN, George L.	262 Capri Ave., Ft. Lauderdale, FLA. 33308, U.S.A.

NEW ADDRESSES

BACHELER, Jack S.	303-7 Diamond Village, Gainesville, FLA. 32601, U.S.A.
BELMONT, Robert A.	504 Key Route Blvd., Albany, CALIF. 94706, U.S.A.
BOSCOE, William F.	Saw Mill Rd., Rt. 1, Quakertown, PA. 18951, U.S.A.
BRANDT, Capt. John H.	1017 11th Ave. N.E., Aberdeen, S.D. 57401, U.S.A.
BROOKS, Maj. James C.	U.S. Darnall Army Hospital, Dept. of Hospital Clinics, Fort Hood, TEX. 76544, U.S.A.
COLBORNE, Robert A.	Box 241, Zaleski, OHIO 54698, U.S.A.
DALPIS, John R.	2599 Herr St., Harrisburg, PA. 17103, U.S.A.
EISELE, Rev. Robert C.	67 Cash St., South Portland, ME. 04106, U.S.A.
EMMEL, John F.	1808 8th Ave., San Francisco, CALIF. 94122, U.S.A.
FROEMEL, E. A.	1469 28th Ave., Columbus, NEB. 68601, U.S.A.
GARDNER, Karl R.	RD. 1, Box 187B, Fleetwood, PA., 19522, U.S.A.
GIETZ, Kenneth J.	8492 Furth im Wald, Wutzmuhlstr 11, GERMANY
GOLIGER, Melvin J.	1415 Linden Blvd., Brooklyn, N.Y. 11212, U.S.A.
GRIEPENTROG, Elmer L.	Elsie Rt., Box 89G, Seaside, OREGON 97138, U.S.A.
GROOTHUIS, Dennis	7551 Essex, Chicago, ILL. 60649, U.S.A.
HAFFERNIK, John E. Jr.	Div. of Entomology, 201 Wellman Hall, Univ. of Calif., Berkeley, CALIF. 94720, U.S.A.
HANSEN, Kenneth C.	114 W. Laguna D-5, Tucson, ARIZ. 85705, U.S.A.
IMPLOM, Harvey S.	532 E. Pine Creek Way, Concord, CALIF. 94520, U.S.A.
JOHNSON, Kurt D.	932 Chadron Ave., Chadron, NEB. 69337, U.S.A.
KOEHN, LeRoy C.	6464 Antonnette Dr., Mentor, OHIO 44060, U.S.A.
KOHLER, Steve	2432 South 9th West, Missoula, MONT. 59801, U.S.A.
KNIGHT, Kenneth	Trailer 39, Bragg Motel, 5521 Bragg Blvd., Fayetteville, N.C. 28303, U.S.A.
LaDUE, Noel L.	5812 Mark Twain Ave., Sacramento, CALIF. 95820, U.S.A.
McFARLAND, Noel	C/o A. Bakker, 129 Gloucester Ave., Belair, South Australia 5052, AUSTRALIA
McGOWEN, J. H. Jr.	1540 W. 220th St., Torrance, CALIF. 90501, U.S.A.
MACY, Ralph W.	Dept. of Biology, Portland State Univ., Box 751, Portland, OREGON 97207, U.S.A.
MAKIELSKI, Mrs. Sally	Biological Sciences, Loyola Univ., 6363 St. Charles Ave., New Orleans, LA. 70818, U.S.A.
METZLER, Eric H.	8431 Dixon St., New Orleans, LA. 70118, U.S.A.
MILLER, Steve	1141 E. College St., Iowa City, IOWA 52240, U.S.A.
MINAHAN, Roger P.	Box 2382 El Modena Station, Orange, CALIF. 92669, U.S.A.
MUEHLBACH, Lauritz	Box 226, Chino Valley, ARIZ. 86323, U.S.A.
NAGLE, Ray B.	10201 Parkwood Dr., Kensington, MD. 20795, U.S.A.
NEKRUTENKO, Yuri P.	Box 324/47, Kiev 1, Ukraine, U.S.S.R. 252001

New Addresses (continued)

NORDIN, Phillip D.	Box 116, East Hampton, CONN. 06424, U.S.A.
NOVY, Charles J. Jr.	2429 Rt. 10, Apt. 2A, Morris Plains, N.J. 07950, U.S.A.
O'BRIEN, Sp/5 Michael	Box 92, McAfee Army Hospital, White Sands Missile Range, N.M. 88002, U.S.A.
OSMUNDSON, Sharpe H.	1926 Bernice Way, San Jose, CALIF. 95124, U.S.A.
PEARCE, James R. M.	259 8th Ave., Salt Lake City, UTAH 84103, U.S.A.
ROTGER, Rev. Bernard	Box 451, Pagosa Springs, COLO. 81147, U.S.A.
RUPP, A. W.	# 47, 210 - 86 Ave. S.E., Calgary 30, Alberta, CANADA
SAWYER, P. F.	Primary T School, MAGITU, c/o Education Office, Goroka, NEW GUINEA
TAYLOR, Robert T.	2261 Poplar, Denver, COLO. 80207, U.S.A.
TINDALE, Norman B.	1740 Athens St., # 2, Boulder, COLO. 80302, U.S.A.
WAPPES, James E.	1471 Spruce Ridge Way, Stone Mountain, GA. 30083, U.S.A.
WEEMS, Howard V. Jr.	Florida State Coll. of Arthropods, Div. of Plant Ind., Florida Dept. of Agriculture and Consumer Services, Doyle Conner Bldg., Box 1269, Gainesville, FLA. 32601, U.S.A.

DISCONTINUED MEMBERS

ATMAN, G. L.	INDONESIA
AUSTIN, Mark	Glenbrook, CONN., U.S.A.
de BIEZANKO, C. M.	BRAZIL
BURNELL, Martin	NEW ZEALAND
CUCURULLO, Ing. Oscar	SANTO DOMINGO
FORD, Dr. F. W.	Hermiston, OREGON, U.S.A.
GOE, Richard A.	Portland, OREGON, U.S.A.
GOMEZ MOLA, Sarita E.	SPAIN
HARRIS, L. W.	PERU
HIRSCH, Dr. Gerald P.	Suffern, N.Y., U.S.A.
KREPA, Jan K.	Albany, N.Y., U.S.A.
LAKE, John	CANADA
OEHLSCHLAEGER, Fred H.	Cincinnati, OHIO, U.S.A.
RAJ, J. J.	INDIA
STEIN, George L.	Lauderdale by the Sea, FLORIDA, U.S.A.
TAMBURRINO, Marijo	Mansfield, OHIO, U.S.A.
TAMS, W. H. T.	ENGLAND
THEWKE, Ewald	East Durham, N.Y., U.S.A.
TOLLEFSON, Mrs. Thomas C.	St. Paul, MINN., U.S.A.
TREBILCOCK, G.D.	ENGLAND
TROJAN, Scott	Glen Ellyn, ILL., U.S.A.
VALOFF, David	Fresno, CALIF., U.S.A.
VAN der VLIET, Leon	Etterville, MISSOURI, U.S.A.
VIETTE, P.	FRANCE
WERTZ, Richard	Melvindale, MICH., U.S.A.