*Editorial Committee of the NEWS*EDITOR: Dr. Charles V. Covell, Jr., Dept. of Biology, Univ. of Louisville,
Louisville, Ky., USA, 40208ASSOC. EDITOR: Dr. Paul A. Opler, Div. of Entomology, 201 Wellman Hall,
Univ. of California, Berkeley, California, USA, 94720J. Donald Eff
Thomas C. Emmel
H. A. Freeman
L. Paul Grey
John HeathG. Hesselbarth
Robert L. Langston
Lloyd M. Martin
F. Bryant Mather
M. C. Nielsen
E. J. NewcomerK. W. Philip
F. W. Preston
G. W. Rawson
E. C. Welling M.
R. S. Wilkinson

A Visit To The Wedge Plantation

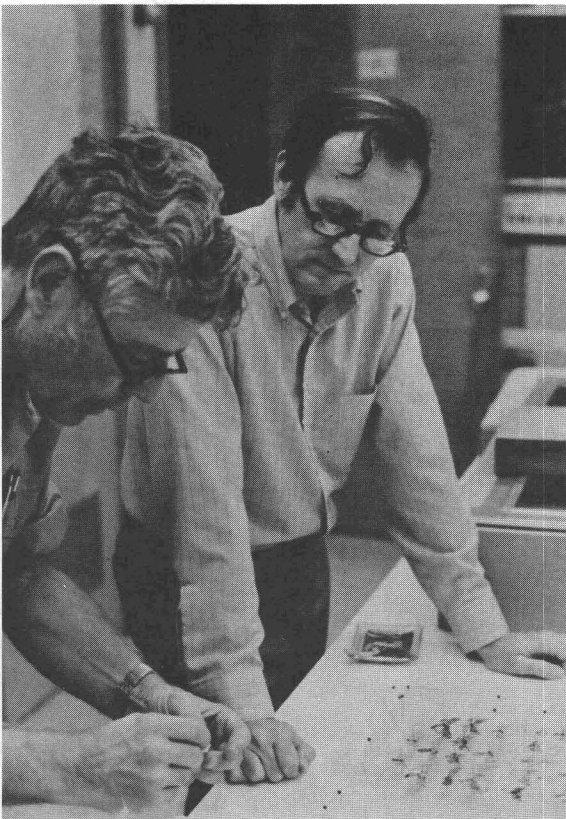
In December, 1971, I had the opportunity to visit the Wedge Plantation in coastal South Carolina, home of Dr. and Mrs. R. B. Dominick. My purpose was to observe photographing of the color plates for Dr. Douglas C. Ferguson's fascicle of Moths of America treating the family Liparidae. The air was balmy, and the Phoebus sennae crowded about the Camellia blossoms. In the "Bug House" laboratory, Dr. Ferguson carefully positioned his well-selected specimens on special paraffin blocks covered with light blue

tissue. The photographic team of Dominick and C. R. Edwards took over, shooting the plates in short order. I sat in the total darkness of the darkroom while they processed the film. Their technical jargon rivaled that of astronauts in a space capsule, and I was startled by the fiendish laughter of "Murphy," a mechanical laughing toy heard from its place in a work table drawer when a minor hitch in operations developed. After drying, the color transparencies were scrutinized by all - and were deemed acceptable.

There was some time for moth collecting at the various light arrangements around the place. The most interesting of these was an air-conditioned room of a small house. Inside were lights arranged before three windows, and sheets extended from ceiling to floor. Walls were painted white. Insects enter the windows through plexiglass funnels, which close at dawn by timer-released panes which fall to shut off the entries, trapping the moths inside. Other interesting features of the laboratory were an apparatus for freeze-drying larvae in lifelike color and position; and an electric de-pinning device. Cabinets containing an extensive local collection lined the room.

The Moths of America project seemed to be proceeding steadily, with one part of Fasc. 20 on the Bombycoidea now published and on its way to subscribers. Three other sections are to appear in 1972. The purpose of the visit accomplished, Dr. Ferguson and I departed, he to Washington and I to Louisville.

- CVC



R. B. Dominick (left) and D. C. Ferguson arrange specimens for photographing.

DEALERS' DIRECTORY

As promised last September, here is a fairly complete listing of sources of materials for lepidopterists. It is presented in the following four parts: I. EQUIPMENT AND MATERIALS; II. LITERATURE; III LEPIDOPTERA SPECIMENS; and IV. LIVING LEPIDOPTERA. Space limitation prohibits inclusion of very much supplementary information, but catalogs and price lists are usually available (prices of such are given if any is known). A supplementary list is planned later on to include what we have missed. The NEWS cannot guarantee or recommend any one dealer; however, I hope all are reliable.

I am grateful to Dr. Kent Wilson and Mr. Marc Roth for sending extensive lists from which many entries have been made. Marc, a preparator at the U. S. National Museum in Washington, is preparing a very detailed listing along these lines, but with more information. He will offer copies to members later, when it is complete.

Several dealers have suggested that the Society charge dealers for ad space. Since this is not the policy now, I would suggest that dealers who feel appreciative of our directory and notices sections contribute to the Society by becoming Sustaining Members, contributing to the Illustrations Fund, or sending an item to the Local Arrangements chairmen of each Annual Meeting for door prize drawings.

— CVC

I. EQUIPMENT AND MATERIALS

- Clair Armin, 191 West Palm Ave., Reedley, Calif. 93654, U. S. A. — Insect pins; redwood insect boxes.
- Arthropod Slide-mounting Service, 2948 Leta Lane, Sacramento, Calif. 95821, U.S.A. — Special materials for slide preparation of genitalia, etc.
- Arthropod Specialties Co., P.O. Box 1973, Sacramento, Calif. 95809, U.S.A. — Genitalia microvials, etc.
- Australian Entomological Supplies, 14 Chisholm St., Greenwich, N.S.W., Australia — Wide variety of collecting, preserving, storage, rearing, and laboratory supplies.
- Biological Research Development Co., 1750 Wooten Rd., Beaumont, Texas 77707, U.S.A. — Wide variety of collecting and storage materials, esp. for beginners.
- Bio Quip Products: Bio Quip East, P.O. Box 3149, Baltimore, Md. 21228, U.S.A.; Bio Quip West, P.O. Box 61, Santa Monica, Calif. 90406, U.S.A. — Wide variety; light units.
- The Butterfly Co., 51 - 17, Rockaway Beach Blvd., Far Rockaway, N.Y. 11691, U.S.A. — Equipment kits for beginners as well as advanced collectors.
- The Butterfly Farm, Ltd., Bilsington, Ashford, Kent, England — Wide variety.
- Carolina Biological Supply Co., Burlington, N.C. 27215, U.S.A. — Wide variety.
- Central Scientific Co., Cenco Center, 2600 S. Kostner, Chicago, Ill. 60623, U.S.A. — Wide variety.
- Donald J. Dill, 7316 S. Sacramento Ave., Chicago, Ill. 60629, U.S.A. — Nylon sleeves and netting.
- Entomology Research Institute, Lakewood Ave., Lake City, Minn. 55041, U.S.A. — Wide variety, incl. light and malaise traps.
- Entomological Supplies, P.O. Box 4748, Baltimore, Md. 21211, U.S.A. — Some unusual and unique equipment (plastic vial racks).
- General Biological, Inc. (Turtox Products), 8200 S. Hoyne Ave., Chicago, Ill. 60620, U.S.A. — Wide variety.
- Lane Science Equipment Corp., 105 Chambers St., New York, N.Y. 10007, U.S.A. — Steel insect storage cabinets.
- Poly-Ento. Co., Box 3239, San Francisco, Calif. 94019, U.S.A. — Polyethylene tray bottoms.
- Polytech, 4107 NW 13th Place, Gainesville, Fla. 32601, U.S.A. — Light traps.
- Dr. Erwald Reitter, Wettersteinstrasse 6, Munich, Germany — Insect pins.
- Felix Savaete, Eschwege/Werra, Germany — Insect pins.
- Schrader Instrument Co., 219½ East First St., Independence, Iowa 50644, U.S.A. — Plastic boxes.
- Steel Fixture Mfg. Co., P.O. Box 917, Topeka, Kans. 66601, U.S.A. — Steel insect storage cabinets.
- Technicon Corp., Ardsley, N.Y. 10502, U.S.A. — Steel storage units for slides.
- Ward's Natural Science Establishment: East: P. O. Box 1712, Rochester, N.Y. 14603, U.S.A.; West P.O. Box 1749, Monterey, Calif. 93940, U.S.A. — Wide variety.
- Watkins and Doncaster, 110 Park View Rd., Welling, Kent, England — Wide variety, including light units and traps.
- Hildegard Winkler, A-1180 Wien, Dittesgasse 11, Austria — Wide variety.
- Worldwide Butterflies, Ltd., Over Compton, Sherborne, Dorset, England — Wide variety.
- Michael Zappalorti, 123 Androvette St., Staten Island, N.Y. 10309, U.S.A. — Collecting and preparation materials.

II. LITERATURE

(C = Current; A = Antiquarian)

- Antiquariaat Junk, Dr. R. Schierenberg & Sons, Lochem, The Netherlands. A.
- A. Asher and Co., Postbox 105, Akenerstraat 4, Vaals, The Netherlands. A, C.
- Australian Entomological Supplies (see Part I). C
- Bio Quip Products (see Part I). C
- The Book Home, Scientific Book Dept., P.O. Box 825, Colorado Springs, Colo. 80901, U.S.A. A
- Books for Naturalists, Ford Mill, Hillfarrance, Taunton, Somerset, England. A
- Bottega d'Erasmus, via Gaudensio, Ferrari 3, Torino, Italy. A, C
- E. J. Brill, Oude Rijn, 33a - 35, Leiden, The Netherlands. A, C
- The Butterfly Company (see Part I). C
- The Butterfly Farm, Ltd. (see Part I) C

Entomological Reprint Specialists, P.O. Box 77971 Dockweiler Station, Los Angeles, Calif. 90007, U.S.A. A (reprints), C
 E. W. Classey Ltd., 353 Hanworth Rd., Hampton, Middlesex, England. A, C, reprints.
 Dover Publications, Inc., 180 Varick St., New York, N. Y. 10014. A (reprints)
 Jean R. Hansen, 101 Rue du Croissant, Brussels 6, Belgium. A
 Andr. Fred. Høst & Søn., Bredgade 35, Copenhagen DK 1260, Denmark. A
 John Johnson, R.D. No. 2, North Bennington, Vermont 05257, U.S.A. A
 Walter J. Johnson, Inc., 111 Fifth Ave., New York, N. Y. 10003, U.S.A. A
 W. Junk, 13 van Stolkweg, The Hague, The Netherlands. A, C
 Otto Koeltz Antiquariat, P.O. Box 129, 624 Koenigstein-Taunus, W. Germany. A
 Kokodo Book Store Ltd., 89 Morikawa-Cho, Bunkyo-Ku, Tokyo, Japan. C
 Librairie de la Faculte des Sciences, Editions Lechevalier, 7 Rue des Ursulines, Paris V^e, France. A
 Eric Lundberg, Ashton, Maryland 20702, U.S.A. A
 Masson et Cie, 120 Blvd. St.-Germain, Paris VI^e, France. A
 George McCartney, Beechgrove, Kirkpatrick-Durham, by Castle-Douglas, Scotland. A
 Julian J. Nadolny, 35 Varmor Drive, New Britain, Conn. 06053, U.S.A. A, C
 Pierce Book Co., Winthrop, Iowa 50682, U.S.A. A, C
 Bernard Quaritch, Ltd., 5 - 8 Lower John St., Golden Square, London W4 6AB, England. A, C
 Stechert-Hafner, Inc., 31 East Tenth St., New York, N. Y. 10003, U.S.A. A
 James Thin, 53 - 59 South Bridge, Edinburgh EH1 1YS, Scotland. A, C
 Henry Tripp, 92 - 06 Jamaica Ave., Woodhaven, N. Y. 11421, U.S.A. A
 Watkins and Doncaster (see Part I). C
 Wheldon and Wesley, Ltd., Lytton Lodge, Codicote, Hitchin, Herts. SG 4 8TE, England. A, C
 Hildegard Winkler, (see Part I). A, C
 Worldwide Butterflies, Ltd. (see Part I). C

III. LEPIDOPTERA SPECIMENS

Ronald N. Baxter, 16 Bective Rd., Forest Gate, London, E7 ODP, England. Exotic, Catalog \$1.
 David W. Bouton, 408 S. Franklin St., Wilkes-Barre, Pa. 18702, U.S.A. Worldwide; Cat., \$.25.
 V. N. Alin, Caixa Postal 8573, São Paulo, Brazil. Brazilian only.
 The Butterfly Co. (see Part I). Worldwide. Color catalog, \$1 (U.S.), \$2 abroad.
 Butterfly Decor, 103-18 Avenue M, Brooklyn, N.Y. 11236, U.S.A. Worldwide, including specimens in plexiglass.
 The Butterfly Farm, Ltd. (see Part I). Worldwide. Catalog £ .50/year (£ 1.50 air mail).
 Tomas Cekalovic K., Universidad de Concepcion, Instituto Central de Biologia, Casilla 1367, Concepcion, Chile. Chilean only.
 Mrs. Chang Pi-tzu, P. O. Box 873, Taipei, Formosa. Formosan only.
 K. H. Chen, Box 12090, Taipei, Formosa. Formosan only.
 Collectors' Wonderland, Theodor D. Haas, P. O. Box 1170, New York, N. Y. 10838. Worldwide, including butterfly art novelties.
 Combined Scientific Supplies, P. O. Box 125, Rosemead, Calif. 91770, U.S.A. Worldwide.
 Alberto Diaz Frances, Berlin 105, Mexico 21 D.F., Mexico. Mexican only.
 Ducatillon-Lentenois, Les Peupliers, 59 Camphin-en-pévèle, France. Exotic.
 Homer Edgecomb, 2132 Miller St., Redding, Calif. 96001, U.S.A. Butterflies in plastic.
 S. Endrody-Younga, F.A.O. Entomologist, Cotton Development Board, P. O. Box 370, Tamale, Ghana, West Africa. Ghana only.
 Richard Guppy, Thetis Island, British Columbia, Canada. Vancouver Is.; collecting to order.
 Henry Hensel, 145 Bellvue St., Edmundston, New Brunswick, Canada. Worldwide.
 David Holmes, "Holmden," Red Hill 3937, Victoria, Australia. Australian.
 Peter Hubbell, P. O. Box 4607, University Station, Tucson, Ariz. 85717, U.S.A. Mexican
 Stanley G. Jewett, Jr., Rt. 1, Box 339, West Linn, Ore. 97068, U.S.A. Pacific northwest only.
 John Johnstone, 23 Virgo Starway, Parkway Forest, Willowdale, Ontario, Canada. Canadian and neotropical.
 Wayne Klopp, 1479 West Flagler, Miami, Fla. 33125, U.S.A. Worldwide.
 Romeo M. Lumawig, P. O. Box 22 Boac, Marinduque 201-E, Philippines. Philippines only.
 Muh Sheng Entomological Center, P. O. Box 17, 6 Ton Rong Rd., Puli, Taiwan, Formosa. Formosan only.
 S. K. Ong, Box 2, Sinpeitou, Taiwan, Formosa. Pacific area.
 Luis E. Pena G., Universidad de Chile, Estacion Experimental Agronomica, Casilla 1004, Santiago, Chile. Chilean only.
 Fritz Plaumann, Nova Teutonia, Correio Seara via Joacaba, Santa Catarina, Brazil. Brazilian only.
 Prospect Biological, 2595 Crestwood (Riverwoods), Deerfield, Ill. 60015, U.S.A. Worldwide.
 Queensland Butterfly Co., 34 Wylie Ave., Greenslopes, Brisbane, Qld. 4120, Australia. South Queensland only; mailing list
 \$2 (Australian) per year.
 Research Entomologicals, Inc., John Staples' Butterfly Breeding Farm, 275 Colwick Rd., Rochester, N.Y. 14624, U.S.A.
 New York only.

Morris Schoenfeld, 447 E. 35th St., Brooklyn, N. Y. 11203, U.S.A. Butterfly art in lucite cubes.
 William E. Scott, Ph.D., 3111 Cardena St., Coral Gables, Fla. 33134, U.S.A. Worldwide; catalog \$1.
 Sim Yam Seng, 21 Joon Hiang Rd., Singapore 19, Singapore. SE Asian, esp. Malaysia.
 Robert E. L. Shell, P. O. Box 1961, Roanoke, Va. 24008, U.S.A. "Rarer Lepidoptera."
 Taiwan Novelty Co., Ltd., P. O. Box 860, Taipei, Formosa. Formosan only.
 Tropicana Products Supplies, P. O. Box 3215, Singapore, Singapore. Indonesia and Malaysia only.
 Miguel Serrano, 7a Calle Poniente 5039, Colonia Escalon, San Salvador, El Salvador, C. A. El Salvador only.
 Swaski Viradeja, c/o Dr. Sanan Banthutharn, Loei Hospital, Changwas Loei, Thailand. NE Thailand species only.
 F. H. Walz, Reconquista 453, Buenos Aires, Argentina. Argentinian only.
 Watkins and Doncaster (see Part I). British species; also sets for teaching (mimicry, flash coloration, melanism, etc.)
 Clo Wind Co., 827 Congress Ave., Pacific Grove, Calif. 93950, U.S.A. Worldwide.
 Robert Wind, Apdo. No. 93, San Cristobal las Casas, Chiapas, Mexico. Mexican only.
 Hildegard Winkler, (see Part I). Worldwide.
 Eduardo Cecilio Welling M., Apdo. Postal 701, Mérida, Yucatán, México. Mexican only; will collect to order; catalog \$.25
 U. S. stamps or coin.
 Worldwide Butterflies, Ltd. (see Part I). Worldwide.
 Michael Zappalorti, (see Part I). Worldwide.

IV. LIVING LEPIDOPTERA

(NOTE: Be sure not to import living material from other countries without the required government permits!)

R. N. Baxter, (see Part III). Saturniidae, Sphingidae.
 The Butterfly Co., (see Part I). North American moth cocoons; silkworms.
 The Butterfly Farm, Ltd., (see Part I). Worldwide, mostly European, all stages.
 Donald J. Dill, (see Part I). Saturniidae, ova and cocoons.
 General Biological, Inc. (see Part I). North American moth cocoons; silkworm ova.
 Insect Lore Products, P. O. Box 1591, Shafter, Calif. 93263, U.S.A. Painted lady rearing kit.
 K and M Moth Farm, 1156 Fox Hills Drive, Howell, Mich. 48843. North American and some exotic moth cocoons and pupae.
 Francis Munger, 13422 Mar Vista St., Whittier, Calif. 90602, U.S.A. Monarch rearing kit.
 Research Entomologicals, Inc. (John Staples) (see Part III). New York Lepidoptera, all stages.
 Worldwide Butterflies, Ltd. (see Part III). Worldwide Lepidoptera, all stages.

ESPECIALLY FOR FIELD COLLECTORS

THIS SECTION IS EDITED BY DR. PAUL A. OPLER. ARTICLES ARE SOLICITED FROM THE MEMBERS, AND ARE TO BE SENT TO HIM ON SUBJECTS OF INTEREST TO THE FIELD LEPIDOPTERIST. HIS TEMPORARY ADDRESS IS: Hacienda la Pacifica, Canās, Guanacaste, COSTA RICA, C.A.

FIELD STORAGE OF SPECIMENS

An important problem in collecting is the transportation home safely of specimens collected. When collecting butterflies, separate envelopes are the usual answer; but sometimes specimens become mashed when envelopes are pressed together, as in the upper pocket of your shirt. Small envelopes, when specimens are safely inside, can be put in a killing jar, to assure the demise of the butterfly. One collector friend of mine developed a hinged redwood cigar box into a unique "catch box" by dividing it into two compartments. In one was kept a supply of fresh Size 3 manila coin envelopes (2½ x 4¼"). These were fed to a slot opening by a rubber-band spring, thus easily dispensable. The other side of the box was empty, with a narrow slit cut in the top to hold the filled envelopes. The box had two metal mounts screwed onto the back for attachment to the collector's belt. Other lepidopterists use a small Band Aid box, cigar box or similar container to hold specimens in envelopes; and some actually pin specimens in boxes as they go.

One of the best methods for temporary holding of moths collected at lights is to kill them in a series of killing jars, then dump the specimens into a larger, felt-padded "dump jar" after movement has ceased. The "dump jar" is also a killing jar, and must be kept stationary as much as possible to prevent jostling of the specimens inside. In any case, live specimens must not be introduced into killing jars containing other specimens if scales are to remain in place.

-CVC

25th ANNIVERSARY CONFERENCE of THE LEPIDOPTERISTS' SOCIETY

WHEN: 22 – 26 June 1972

WHERE: Trinity University, 715 Stadium Drive, San Antonio, Texas
Registration 22 June between 1:00-5:45 p.m., Robert R. Witte Reception Center.
Program 23-25 June.

DORMITORY ACCOMMODATIONS: Air-conditioned, two-room suites with adjoining baths are available. Sheets, pillowcases and towels are furnished, but NOT pillows or blankets.

Each modern room is equipped with two single beds, desks, chairs, built-in dressers and closets. Laundry facilities include washers, dryers and ironing boards. Swimming pool and other recreational facilities will be available to conferees. Nearby is the 363-acre Brackenridge Park, home of the San Antonio Zoo, Chinese Sunken Gardens, and Witte Memorial Museum; recreational facilities include picnic areas, horseback riding and golf.

On campus room and board, per person per day, costs:

Double Room only \$6.00, Board \$6.00 = Total per person per day \$12.00.

Single Room only \$12.00, Board \$6.00 = Total per person per day \$18.00.

The food service department serves three meals of excellent quality each day, seven days a week. Food vending machines and radar ovens to heat food in seconds, and dollar-bill changers are available in the residence hall areas.

ATTENDANCE: If you wish to stay on campus, notify Roy O. Kendall, Route 4, Box 104-EB, San Antonio, Texas 78228 (phone: 512-684-2518) not later than 15 May of your board and room requirements. If you wish to share a room or suite with a particular person or persons please so advise.

Before 1 April inform Kendall of your intention to come, and he will send a package of informational literature including highway maps, city map, camping sites, state parks, motels, etc.

Collecting is no longer permitted in State Parks without a permit. Write Texas Parks & Wildlife Department, John H. Reagan Building, Austin, Texas 78701 Attn: Director Park Services. If you expect to collect in State Parks do it NOW, specifying the Park and dates you expect to collect.

LITERATURE:

Brown, F. M. and B. Heineman, 1972. Jamaica and its Butterflies. About 500 pp., 11 color plates by Marjorie Statham Favreau. E. W. Classey, Ltd., 353 Hanworth Rd., Hampton, Middlesex, England. £ 16.50 (+ 45p postage) (Exchange rates now \$2.60 U.S. to 1 £).

McAlpine, Wilbur S., 1971. A revision of the butterfly genus Calephelis (Riodinidae). J. Research Lepid. 10 (1), color illus.

NEWS AND NOTES:

We are sorry to learn of the death of Stanley R. Gotlieb, 34, of Miami, Fla. Stan, a disabled American veteran, shared his enthusiasm for Lepidoptera with handicapped children and veterans.

Mrs. Ruby Kaelin of Louisville, Ky., decorates her Christmas tree with about 1,500 painted bagworms (T. ephemeraeformis) each year.

From Bulletin of the Entomological Society of Canada: Dr. Tom N. Freeman of the Systematic Entomology Unit, Ottawa, retired in 1971, and is beginning work on a book on Canadian butterflies. Dr. Eugene Munroe is in São Paulo, Brazil, as an exchange scientist, collecting, curating the collections of the Museu de Zoologia da Universidade de São Paulo, and giving seminars.

Please note the new prices for the dos Passos Check List on the back page of this issue.

Information wanted from our foreign members on important publications and news relative to Lepidoptera in their countries for publication in the NEWS.

Correction: On page 3 of the November, 1971, NEWS, you were informed to write Sidney A. Hessel for missing numbers of the NEWS. The TREASURER, not Mr. Hessel, is to receive such requests. We do NOT keep a large stock of back issues of the NEWS, but try to replace any in a given year that do not reach you.

Quote: "Even a mosquito doesn't get a slap on the back until she starts to work."

I would like to thank Leah Kohn, Jim Tuttle and Carl Cornett for helping me with the NEWS during 1971.

— CVC

RESEARCH NOTICES:

I wish to borrow or buy specimens of Cossidae (especially genus Comadia) for research. Richard M. Brown, 1385 Palm Ave., Martinez, CALIF. 94553, U.S.A.

Fertile ova or pupae needed of Automeris io lilith, texana, neomexicana, and coloradensis for hybridization and genetical studies involving A. io lutheri aberrational forms. Larry J. Kopp, R.D. No. 1, Klingerstown, PA. 17941, U.S.A.

I have initiated a research project on cave-dwelling moths of the world, and would appreciate the chance to examine material from any source. Adult moths should be collected dry, and correctly mounted on pins prior to shipment. To encourage collecting in this neglected habitat, I have prepared some further information free upon request. Dr. Don R. Davis, Dept. of Entomology, Smithsonian Institution, Washington, D.C. 20560, U.S.A.

I wish to thank those who have contributed either by records or specimens to my study of Polygonia Hübner. Preparation of the report is in progress. During the coming season, anyone interested in collecting immature stages of Polygonia species to supplement my biological data can contact me at: Dept. of Entomology, Univ. of Alberta, Edmonton 7, Alberta, CANADA. — Joseph Belicek.

NOTICES:

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

EXCHANGE: Sets of 100 different Mexican butterflies and/or 10 different Morpho species offered for common North American butterflies and moths. Theodor D. Haas, Collectors' Wonderland, P. O. Box 1170, New York, N. Y. 10008, U.S.A.

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

EXCHANGE: Rare Mexican butterflies, moths, and beetles offered in exchange for postage stamps in singles, sets or whole collections. Preferred are U.S. (1930 or earlier), early Canada, British North America and Hawaii. Please write first. Robert Wind, Apdo. No. 93, San Cristobal las Casas, Chiapas, MEXICO.

EXCHANGE: Pupae and/or ova of Anthocharis sara sara, Pieris napi venosa, Plebejus acmon, and ova of other Lycaenidae offered in exchange for ova of other butterflies, especially Lycaenidae. Wanted especially are ova or pupae of Everes amyntula, Pieris protodice, Limenitis bredowii californica, and Vanessa (Cynthia) virginensis. Bruce Walsh, 63 La Rancheria, Carmel Valley, CALIF. 93924, U.S.A.

EXCHANGE: Series of different species of Catantacta (Family Pieridae) from Latin America south of Nicaragua wanted. I can offer many Catantacta or other S. American Pieridae in exchange. Correspondence invited, but please do not send material before consulting. J. H. Robert, "Belemia," Avda. Dr. Fleming 21, Vistahermosa, Alicante, SPAIN.

EXCHANGE: About 20 drawers of marine molluscs, mainly from Ecuador and Florida Gulf Coast offered in exchange for approximately the same quantity of butterflies, papered or spread. Prefer Pieridae, Argynninae, and Satyridae from any world area except S.E. U.S.A. A. G. Edmund, Royal Ontario Museum, 100 Queen's Park, Toronto 5, Ontario, CANADA.

- FOR EXCHANGE OR SALE: Limited supply of Troides trojana from Palawan, Philippines, netted in Oct. and Nov., 1971 (males, A-1, with data). Also offering Troides priamus hecuba (A-1, from Aru Island, Eastern Moluccas, June & July, 1970). Will accept Troides from New Guinea, New Britain, New Ireland, Solomons, Moluccas, and adjacent areas. Please write S. K. Ong, Box 2, Simpeitou, Taiwan 112, Republic of CHINA.
- FOR EXCHANGE OR SALE: Offering Sphingidae, Citheroniidae and a few other families from Mexico and Central American locations. All A-1 in papers, with full identification & collecting data. Other offerings: nice selection of English and European moths; and native U. S. Saturniidae, Sphingidae, Geometridae, Noctuidae, Notodontidae, and large listing of Catocala. Full listing sent promptly upon request. L. N. McLean, Richfield Springs, R. D. No. 3, N. Y. 13439, USA.
- FOR EXCHANGE OR SALE: Following sets from Peru: 10 different Papilio, \$2.50 per set; 5 diff. Ancyluris, Diorina, etc., \$2; 5 diff. Catagramma, \$1.50; 5 diff. Prepona, \$2; 10 diff. Anaea, \$2.50 - post-paid. Also available: Hesperidae from Peru; Russian Parnassius, Brazilian Saturniidae; Riker mounts, Agrias beata (\$25), Agrias sardinapolis (\$8), Agrias lugens (\$5), Morpho helena, M. cypris, and many other common and rare butterflies and moths. Send \$.25 for list. David W. Bouton, 498 S. Franklin St., Wilkes Barre, PA. 18702, U.S.A.
- FOR EXCHANGE OR SALE: Mexican Lepidoptera, mainly tropical; wide range of material. Straight runs of tropical Hesperidae and of small sulphurs, \$12 per 100. Peter Hubbell, P.O. Box 4607, University Station, Tucson, ARIZ. 85717, U.S.A.
- FOR EXCHANGE OR SALE: Papered adults with data of Automeris io aberrate (broken-eye blotch referred to by T. R. Manley, J. Lepid. Soc., vol. 25, No. 4) in series of 20 specimens (about 12 males, 8 females) for \$15. Lot of 100: \$50. Those wanting to exchange are invited to offer suggestions. I most need: western and southern U. S. butterflies in papers and Saturniidae pupae, and colorful butterflies worldwide. Sorry, no livestock of io aberrate available now, as it is being used for research. Larry J. Kopp, R.D. No. 1, Klingerstown, PA. 17941, U.S.A.
- WANTED: Correspondence with anyone who can supply pupae, either now or next season, of any of the following Papilio species or their subspecies: bairdii, brevicauda, eurymedon, indra, machaon, multicaudata, nitra, pilumnus or zelicaon. Will buy, or exchange pupae of other Papilio. Robert S. Bryant, 522 Old Orchard Rd., Baltimore, MD. 21229, U.S.A.
- WANTED: Specimens of Delias from any locality; will exchange or buy. T. H. Davies, 84 Beach Rd., Haumoana, Hawkes Bay, NEW ZEALAND.
- WANTED: To buy a copy of Puckering and Post (1960) The Butterflies of North Dakota. Roderick R. Irwin, 24 East 99th Place, Chicago, ILL. 60628, U.S.A.
- WANTED: To buy or otherwise obtain a copy of Comstock's Butterflies of California. James C. Brooks, Jr., M.D., U. S. Darnall Army Hospital, OPG, Ft. Hood, TEXAS 76544, U.S.A.
- WANTED: One pair each of Hesperia attalus (Edw.) and Nastra neamathla (Skinner & Wms.) I can offer Mississippi specimens in papers to exchange. Charles T. Bryson, Box 1414, State College, MISS. 39762, U.S.A.
- 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.
- FOR SALE: Hyalophora euryalis (rubra) cocoons - \$.80 each. I also wish to obtain ova or cocoons of Eupackardia calleta, Saturnia mendocino, other hard-to-get Saturniidae, Speyeria, and Polygonia. Bill Welch, Garzas Rd., Carmel Valley, CALIF. 93924, U.S.A.
- FOR SALE: Literature on Lepidoptera. A few good items, such as Packard's Monograph of the Bombycines; Stretch's N. American Zygaenidae; etc. Request list with prices. Charles L. Hogue, 1316 Saginaw St., Los Angeles, CALIF. 90041, U.S.A.
- FOR SALE: Want to sell entire 1970 and 1971 catch. Papered, perfect specimens in small numbers and in quantity. Have many C. angulifera, Sphinx gordius, Sphinx astylus, L. astyanax, and P. troilus. U. S. species only. Send list of wants. Jeffrey C. Gilbert P.C.T., 116 Augusta Court, York, PA. 17404, U.S.A.
- FOR SALE: Butterflies from Kenya, Uganda, East and South Africa, including limited numbers of rare species and subspecies, esp. of Charaxes, Papilionidae, Pieridae and Lycaenidae. Serious collectors please send for lists. Special requirements from these areas will be quoted for and collected if possible. William H. Henning, 1 Lawrence St., Florida Park, Florida, Transvaal, SOUTH AFRICA.

- FOR SALE: Bougainville butterflies and moths; also some Australian Lepidoptera. All prices are wholesale. Send for lists. David R. Holmes, "Holmden," Red Hill 3937, Victoria, AUSTRALIA.
- FOR SALE: Livestock and papered exotic insects including Lepidoptera and Coleoptera. Send \$1 for 16 page illustrated catalogue of Saturniidae, Sphingidae and other offerings. Ronald N. Baxter, 16 Bective Rd., Forest Gate, London E-7 ODP, ENGLAND.
- FOR SALE: Over 900 species of butterflies from Malaysian and Indonesian jungles, and rare giant beetles (species with 1 to 4 horns). Send for further information to Sim Yam Seng, 21 Joon Hiang Rd., Singapore 19, SINGAPORE.
- FOR SALE: Over 2 million assorted Formosan butterflies prepared for hobby collection, school programs, and gift shop or art work. Mrs. Chang Pi-Tzu, P. O. Box 873, Taipei, FORMOSA (TAIWAN).
- FOR SALE: Live chrysalids of Battus philenor hirsuta - 1972 stock - \$.50 each. Postpaid delivery about 1 June, 1972. Large quantities available. E. Homer Edgecomb, 2132 Miller St., Redding, CALIF. 96001, U.S.A. (Telephone 916-241-0588).
- FOR SALE: Great variety of dazzling butterflies and other exotic insects in 1-A condition. Ducatillon and Lentenois, Les Peupliers, 59 Camphin-en-pèvele, FRANCE.
- FOR SALE: 3,300 insect pins for \$10; insect pinning forceps (Ward's), \$6; microscope slides (1 gross, \$.75); and books Marvels of Insect Life by Edw. Stepfls (\$5) and Brazilian Portugese Selftaught (\$2); plus some other items. Write Donald L. Baber, 1511 Drake Avenue, Burlingame, CALIF. 94010, U.S.A.
- FOR SALE: Lepidoptera list on request. Limited supply of large beetles from Ituri Forest and Uganda; write for attractive offer information. Can also supply Diptera and Hymenoptera. Rev. H. Falke, St. Mary's College, Box 26, Kisubi-Entebbe, UGANDA, EAST AFRICA.

NEW MEMBERS:

- | | |
|------------------------------|---|
| ADAMSON, Mrs. Ruth | 415 Metcalf Lane, Montesano, WASH. 98563, U.S.A. |
| BILAN, Peter | 1007 Woodland N.W., Albuquerque, N. M., U.S.A. |
| COLBERN, Mark D. | Box 38, RD No.1, Hotchkiss, COLO. 81459, U.S.A. |
| DEES, Susan E. | 2023 Bates Ave., Springfield, ILL. 62704, U.S.A.,
MACRO, Esp. Saturniidae, Sphingidae, <u>Apantesis</u> . Life Hist. Coll., Buy. |
| DICK, Mrs. Martha | Rt. 3, Box 19, Alamosa, COLO. 81101, U.S.A. |
| DICK, Matthew | General Delivery, College, ALASKA, 99701, U.S.A. |
| HALLAS, Charles E. | 2053 Gulfstream Rd., Miami, FLA. 33157, U.S.A.
LEPID., esp. Papilionidae, Pieridae. Coll., Ex., Buy, Sell. |
| LAMAS Müller, Gerardo, M.SC. | Museu de Zoologia da Universidade de São Paulo, Caixa Postal 7172, Sao Paulo, BRAZIL.
RHOP., Esp. Ithomiinae & Danainae (Nymphalidae), Taxonomy, Evolution, Zoogeography, & Mimicry. |
| LENTENOIS, Philippe | "Les Peupliers", 59 Camphin-en-Pèvele (par Baisieux), FRANCE. |
| MAXWELL, Mrs. Nancy Nelms | 2248 Pelham Drive, Houston, TEXAS 77019, U.S.A. |
| SCHMITT, Thomas C. | 2433 No. 80th St., Wauwatosa, WISC. 53213, U.S.A.
LEPID. Coll., Ex., Buy. |
| SEE, Frederic | 1 bis Rue Scheffer, 75 Paris 16, FRANCE. |
| SENG, Sim Yam | 21, Joon Hiang Rd., Singapore 19, SINGAPORE.
LEPID. and beetles. Ex., Sell. |
| SMITH, Dr. S. D. | Dept. of Biology, Central Washington State College, Ellensburg, WASH. 98926, U.S.A. |
| WELCH, William | Garzas Rd., Carmel Valley, CALIF. 93924, U.S.A.
RHOP., MACRO., Esp. Saturniidae, Sphingidae, Arctiidae. Life Hist., Coll., Ex., Buy, Sell. |
| WOMBLE, Joseph E. | c/o Alan M. Voorhees & Associates, Westgate Research Park, McLean, VA. 22101, U.S.A.
RHOP., MACRO., Coll., Ex., Buy. |

NEW ADDRESSES:

AHRENHOLZ, David 109 River Street, Iowa City, IOWA 52240, U.S.A.
BABCOCK, William F. 1192 Sunset View, Akron, OHIO 44313, U.S.A.
BARCANT, Malcolm 19 Trinidad Crescent, Federation Park, Port of Spain, Trinidad,
WEST INDIES.
BAYER, Dirk Rt. 2, Box 109, Bon Secour, ALA. 36511, U.S.A.
BOUGHNER, Jackson L. 123 Grove Lane, Barrington, ILL. 60010, U.S.A.
BOUTON, David W. 408 So. Franklin St., Wilkes-Barre, PA. 18702, U.S.A.
CADIOU, J. M. 26 Rue du 31 Decembre, 1207 GENEVE, SWITZERLAND.
GARRISON, Rosser W. 201 Wellman Hall, Div. of Ent., Univ. of California, Berkeley, Berkeley,
CALIF. 94720, U.S.A.
GAUTHIER, Michael 7181 De La Nantaise, Apt. 4, Ville D'Anjou, Montreal, CANADA.
GRAYBILL, John Richard, M.D. 221 W. Perimeter Dr., San Antonio, TEXAS 78227, U.S.A.
GRIFFEN, Bruce M. 11261 Pipeline Ave., Pomona, CALIF. 91766, U.S.A.
HARDWICK, D. F. Entomology Res. Institute, Canada Agriculture, Ottawa, Ontario, CANADA.
HESSEL, John H. 10 Pinto Way, Woodside, CALIF. 94062, U.S.A.
HOFF, Victoria 3909 Lewis Ave., Erie, PA. 16504, U.S.A.
HUGHEN, Harley G. 203 Elm St., Lakehurst, N. J. 08733, U.S.A.
JUSTICE, Capt. John A. 5867 Beth Rd., Dayton, OHIO 45424, U.S.A.
KING, H. L. 2215 La Salle, Sarasota, FLA. 33581, U.S.A.
LEFFLER, Sanford R. 826 S. Osage Ave., Apt. 14, Inglewood, CALIF. 90301, U.S.A.
LEVINE, Paul A., M.D. 7505 Democracy Blvd., Apt. A136, Bethesda, MD. 20034, U.S.A.
LOMBARDI, Louis L. 11 Walls Place, Huntington Station, N. Y. 11746, U.S.A.
LOWREY, Perry O. Box 86, Grand Cane, LA. 71032, U.S.A.
MARTIN, Lloyd M. 2063 Kachina Drive, Rt. 4, Prescott, ARIZ. 86301, U.S.A.
MERKER, C. G. R. D. 2, Wexford, PA. 15090, U.S.A.
MITCHELL, Judson T. Greenfield Plantation, 800 Broce Dr., Apt 8C, Blacksburg, VA. 24060, U.S.A.
PARSHALL, David K. 4424 Rosemary, Columbus, OHIO 43214, U.S.A.
PINE, Richard C. 1 Robin Hill Rd., Great Neck, N.Y. 11023, U.S.A.
QUELCH, C. S. 21 n Park Circle, Winnipeg, Manitoba, CANADA R2C 0L6
RAYE, Miss Carol 1434 Stony Brook Rd., Stony Brook, L. I., N.Y. 11790, U.S.A.
ROBERTS, Michael A. 3 Blackstone Pl., New York, N. Y. 10471, U.S.A.
RUBBERT, Allen 312 C Larkspur Ave., Corona Del Mar, CALIF. 92625, U.S.A.
RUPP, Mr. A. W. K.S.E.P.L. Volmerlaan 6, RYSWIJK, NETHERLANDS.
SHAPIRO, Arthur M. Dept. of Zoology, Univ. of California, Davis, Davis, CALIF. 95616, U.S.A.
SORENSEN, John T. Dept. of Biology, Univ. of Northern Iowa, Cedar Falls, IOWA 50613, U.S.A.
SPENCER, John C. Swett and Crawford Group, 4201 Wilshire Blvd., Los Angeles, CALIF.
90010, U.S.A.
WILLIAMS, Richard O. 220 Central Ave., Cheltenham, PA. 19012, U.S.A.
WILSON, Kent H. Dept. of Biology, Central State Univ., Edmond, OKLA. 73034, U.S.A.

Cartoon quip: One caterpillar to another, on seeing a butterfly soar past:

"You'll never get me up in one of those things."

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

Price:

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

INFORMATION ABOUT THE SOCIETY

Membership in the Lepidopterists' Society is open to all persons interested in any aspect of Lepidopterology. Prospective members should send the Treasurer the full dues for the current year (\$10, U.S.A.) together with full address and areas of interest in Lepidoptera. Remittances in dollars (U.S.A.) should be made payable to The Lepidopterists' Society. Individual members will receive the JOURNAL (published quarterly) and the NEWS (published bimonthly). Institutional memberships will receive only the JOURNAL. A biennial membership list will comprise one issue of the NEWS in even-numbered years. Back issues of the JOURNAL may be purchased from the TREASURER.

Information on membership may be obtained from the TREASURER, Col. Stanley S. Nicolay, 1500 Wakefield Drive, Virginia Beach, VA. 23455, U.S.A. Changes of address must be sent to him alone, and only when changes are permanent or very long-term.

Other information about the Society may be obtained from the SECRETARY, Dr. Lee D. Miller, Allyn Museum of Entomology, 712 Sarasota Bank Bldg., Sarasota, FLA. 33577, U.S.A.

Manuscripts for publication in the JOURNAL are to be sent to the Editor, Dr. Theodore D. Sargent, Zoology Dept., Univ. of Massachusetts, Amherst, MASS. 01002, U.S.A. See the inside back cover of a copy of the JOURNAL for editorial policies.

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

from: THE LEPIDOPTERISTS' SOCIETY
Allyn Museum of Entomology
712 Sarasota Bank Building
Sarasota, Florida, 33577, U.S.A.

BULK RATE U. S. POSTAGE PAID PERMIT 784 LOUISVILLE, KY.

CORRECTION
RETURN REQUESTED

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