

## Editorial Committee of the NEWS

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The original intent was for this issue to consist of the Seasonal SUMMARY. Certain reports have made it necessary to allow more time for processing the very considerable amount of data. The Summary therefore has been postponed to Number 4.

The Western Section of the Lepidopterists' Society will meet in Santa Barbara, California August 24-25, 1963. William Hovanitz, Arcadia, California, is Program Chairman, and Nelson Baker, Santa Barbara, is Local Arrangements Chairman. A Notice of Meeting and Call for Papers accompanies this issue.

RESEARCH NOTICE: Request records of Philotes (Lycaenidae, Plebejinae) - locality, numbers taken, associated host plants and other pertinent data. Will exchange Calif. & Ariz. Rhopalocera (some choice or rare) for certain duplicate Philotes. Robert Langston, 3 Arlington Ave., Berkeley 7, Calif.

RESEARCH NOTICE: Wanted - information on Michigan Butterflies. A list of Michigan butterflies in preparation, as part of a larger list of Michigan invertebrates. Distributional data will be greatly appreciated. M. C. Nielsen, 3415 Overlea Drive, Lansing 47, Michigan, U.S.A.

RESEARCH NOTICE: Needed for genetic studies - living ova or pupae of all western and northern Colias (except cesonia), also series and specimens, especially from same localities as living material. Unpublished records of aberrant Colias also invited. Request effective for all of 1963. Especially: C. interior, alexandra, nastes, hecla and "harfordii". Arthur M. Shapiro, 7636 Thouron Ave., Philadelphia 50, Pa., U.S.A.

RESEARCH NOTICE: Specimens of the genus Dasychira (= Olene, Parorygia) urgently needed for revision of North American species, esp. the species atrivenosa, boniwelli, kervillei, manto & montana. Expenses will be paid. J. C. E. Riotte, Dpt. of Entomology, Royal Ontario Museum, Queens Park, Toronto, Ont., Can.

Ray Hulbirt retires from Collecting: Ray Hulbirt, for over thirty years a tireless collector and valued correspondent of numerous members, has donated his collection of 18,000 mounted specimens plus 5,000 papered insects, to Citrus College, Azusa, California, and has retired from active collecting. Mr. Hulbirt was the first Dean of Citrus College, a position he held from 1915 to 1920. From 1920 to 1947 he was Chief Chemist with the American Cyanamide Co. in Azusa. From 1947 through 1962 he devoted his time to collecting extensively. He collected the types of Hesperia hulbirti on Hurricane Hill in the Olympic Mountains. Those who have been fortunate enough to know Ray personally will value him as a genial friend and a fine person. He and his wife now reside in Ashland, Oregon.

The Michigan State University has received the Ray Eicher collection of Indian Butterflies; word comes from Julian Donahue.

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Mr. P. H. Gray of Digby, Nova Scotia finds that a tobacco leaf mid rib, placed along one inner side of an insect box has protected the specimens from insect damage since 1949. Similar boxes in which naphthalene was used needed the naphthalene renewed twice each year.

Stephen F. Perkins, P.O. Box 4343, Portland 8, Oregon, will free of charge give information pertaining to butterfly collecting in the Black Hills National Forest, western South Dakota, to anyone contemplating a collecting trip which includes this area. Localities, dates, and other information may be obtained by writing to Mr. Perkins at the above address.

Donald Gudehus wishes traveling companion, preferably of similar age (23) to collect in Mexico from June to July this summer (1963). Will leave New York by car, and after collecting in Mexico will continue to San Francisco. Companion is asked to share gasoline. Write to: 14 Maple St., Teaneck, New Jersey, U. S. A.

Entomology and related sciences have been reorganized at the University of California, Berkeley Campus, into a Department of Entomology and Parasitology (Ray F. Smith, Chairman) with four divisions: Biological Control (P. S. Messenger, Chairman); Entomology and Acarology (R. L. Usinger, Chairman); Invertebrate Pathology (E. A. Steinhaus, Chairman); and Parasitology (D. P. Furman, Chairman). This new department has been formed by the affiliation of the former departments of Biological Control, Entomology and Parasitology, and Insect Pathology.

M. C. Nielsen, of Lansing, Michigan, U.S.A., suggests the use of USGS topographic maps and USDA soil maps in planning potential collecting sites. These topographic maps are available from the U.S. Geological Survey, Washington 25, D.C., at 0.30 each. USDA soil maps may be obtained from the Superintendent of Documents, Government Printing Office, Washington 25, D.C.

Mr. Nielsen also notes that three years of UV collecting have not revealed any depletion of moth populations in Michigan. He has used a portable 15 watt black light tube with a 45 watt converter plugged into his car's cigar lighter. This allows collecting in many areas not otherwise accessible. The light and a muslin sheet are mounted on the hood of the car when in use.

Stephen F. Perkins of Portland, Oregon, reports a capture of Satyrrium behrii by himself and his brother, Edwin M. Perkins, at Timberline (circa 5800') on Mt. Hood, late in July, 1961.

Arthur M. Shapiro, 7636 Thouron Ave., Philadelphia, Pa., U.S.A., is the winner of \$6,000. scholarship to the college of his choice, as Second Prize winner in the Westinghouse Science Talent Search. His project dealt with the variation in color and pattern of butterfly wings.

Rev. J. C. E. Riotte, Toronto, Canada, has been appointed Research Associate in the Department of Entomology, Royal Ontario Museum, Ontario.

Brian Gardiner of Cambridge, England reports excellent results using Gammexane (Benzene Hexachloride) (1:2:3:4:5:6:-hexachlor-cyclohexane) placed pure in the pesticide cells of his insect drawers, in controlling and keeping out all manner of museum insect pests.

#### NOTICES

Lepidopterists' Society members may use this section free of charge to advertise their offerings and needs in Lepidoptera. The Editors reserve the right to rewrite notices for clarity or to reject unsuitable notices. We cannot guarantee notices but all are expected to be bona fide.

FOR SALE: LUNA COCOONS. Reared from Wisconsin stock on hickory. \$4.50 per dozen; \$35.00 per hundred. (U.S.A.) J. A. Ebner, 13002 W. Cameron, Butler, Wis., U.S.A.

FOR SALE: HYALOPHORA RUBRA (EURYALIS) PUPAE. 30¢ each. Richard C. Priestaf, 84 Mallard, Goleta, Calif., U.S.A.

FOR SALE: REVOLUTIONARY NEW INSECT COLLECTOR'S TRAPPING MACHINE, utilizes circline black light tube and screened fan inducted air. Can be used for all orders including Lepidoptera. Especially productive for hard-to-bring-in species; can be used with cyanide killing jars anywhere. For full particulars and literature please write to: J. H. Newman, 9821 Peer Rd., South Lyon, Michigan, U. S. A.

FOR SALE: ASSORTED INDO-AUSTRALIAN BUTTERFLIES. 15 Formosan, \$1.00; 15 Philippines, \$1.00; 10 New Guinea, \$3.00; Ornithoptera priamus poseidon ♂ & ♀ (pair), \$6.00; Papilio ulysseus, \$3.50; Owl Butterfly (Taenaris), \$1.00. William W. Thrasher, R.D. Route 2, Box 44, Garrettsville, Ohio, U.S.A.

REARING TO ORDER: Orders now taken for rearing in large quantities for hospitals, colleges, laboratories and educational institutions. Domestic and exotic species. Macroheterocera pupae guaranteed disease and parasite free. Paul Villiard, 217 Drake Avenue, New Rochelle, New York, USA

FOR SALE: ICONOGRAPHIA INSECTORUM JAPONICUM; Butterflies of Formosa; Collecting Butterflies & Moths (Harmon); Butterflies in Pictures (1937 Tokyo Edition); and Butterfly Farmer (Newman). Or will exchange for World Rhopalocera, esp. Ornithoptera, Morpho, Papilio and Agria. Also, FOR EXCHANGE: Rhopalocera of northwestern United States, inc. current season's take; also limited numbers of world-wide Lepidoptera. Please include offertia with inquiries. Thomas F. McAvoy, Jr., P.O. Box 212, Elmer City, Washington, U.S.A.

FOR SALE: FORMOSAN BUTTERFLIES - 102 different (96 species) papered, \$10.00 inc. air postage; 100 different (96 species) with paper body, extended natural wings and artificial antennae, \$10.00 inc. air postage. (Species in the two packages are the same.) Also 5 million assorted Formosan butterflies in stock. Write for details. Remit by your check to my order. Mrs. Chang Pi-Tzu, P.O. Box 873, Taipei, Formosa (Taiwan).

WANTED TO BUY OR EXCHANGE: PIERIS BRASSICAE races for genetical research, a few ova or pupae, especially nepalensis, brassicoides, cyniphia, catoleuca. Also Central & South American Pieris. Offer papered or living brassicae/cheiranthi hybrids, ab. albinensis, "blue" colored variety, and others. Brian O. C. Gardiner, 43, Woodlark Road, Cambridge, England.

FOR SALE: BOOKS ON INDIAN LEPIDOPTERA - Butterflies of the Indian Region (Wynter-Blyth), many colored and black-and-white plates, \$7.00; Life Histories of Indian Microlepidoptera (T. B. Fletcher), two volumes, profusely illustrated with half-tone plates (Alucitidae, Pterophoridae, Torticina, Gelechiidae and Cosmopterygidae to Neopseustidae, limited supply at \$4.00 per set; The Butterfly Fauna of Ceylon (L. G. O. Woodhouse), 20+ colored plates, \$9.00. Revision of the Lycaenidae of India (Sir Keith Cantlie), mimeographed, limited edition, a key to all genera, species and subspecies occurring in India, Ceylon and Pakistan. Cost will be about \$5.00. All books postpaid. Julian P. Donahue, Department of Entomology, Michigan State University, East Lansing, Michigan, U.S.A.

FOR SALE: 30 PAPILIO (WORLD-WIDE), \$4.00; 40 Central American Nymphalidae, \$3.40; 150 Central American Butterflies including Morpho and Caligo, \$12.75; 100 Chinese butterflies, \$5.00; 25 Peruvian Butterflies, \$2.50; 25 Argentine Butterflies, \$2.85; 5 Chinese Saturniidae, \$2.50; 25 Russian butterflies, \$3.50. Many others available. All specimens different. Lists free with order or for 25¢ in coin credited to first order. Send exchange lists if interested.

Also RHOPALOCERA FROM GEORGIA, FLORIDA, AND CENTRAL AMERICA offered in exchange for Japanese, European, Australian, Indian, South American, Canadian and U.S. other than South Atlantic States. Will take large numbers of one species. Please send lists first. J. C. Brooks, 194 Riley Ave., Macon 3, Georgia, U.S.A.

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STILL AVAILABLE from the MUSEUM OF ZOOLOGY, UNIVERSITY OF MICHIGAN, ANN ARBOR, MICHIGAN: "An annotated list of the Moths of Michigan exclusive of Tineoidea" by Sherman Moore (Misc. Pub. no. 88). Also available: "A revised annotated list of the Butterflies of Michigan", by S. Moore (Occ. Paper No. 617, 1960). Prices \$0.90 & \$0.75, USA, respectively, payable to the University of Michigan (attention: Mrs. J. W. Hodgman, Secretary).

FOR SALE: INSECT PINS. \$4.00 per thousand, 40¢ per package (100). Please include a small postage and mailing charge on small orders. L. C. Armin, 417 Palm Ave., Reedley, Calif., U.S.A.

Editions Curiositas, c/o A. Malalel, 438, Chaussee de Waterloo, Bruxelles 6, Belgique (Belgium), announces that the first Repertoire Entomologique International (International List of Entomologists) will appear during 1963. Names, addresses and special fields will be listed under ten categories, the one relevant to us being collecting and rearing insects. Members wishing to be included in the catalogue may do so by writing to M. Malalel, giving name, address and place of activity, and speciality in the field. Inclusion in the List is free of charge. The List will sell at 200 francs (Belgium). Payment may be made to the above, through the Banque Soc. Gener., Account No. 964.182 or by postal cheque account No. 8240.05, Brussels, Belgium.



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 (\$6.00 U.S.A.) together with their full address and special lepidopterological interests. Remittances in dollars (U.S.A.) should be made payable to the Lepidopterists' Society.

All members in good standing receive the NEWS of the Lepidopterists' Society, which is issued eight times a year and which includes the biennial Membership List, and the JOURNAL OF the Lepidopterists' Society, which is issued quarterly.

Manuscripts for formal publication in the JOURNAL of the Lepidopterists' Society should be sent to the Editor of the JOURNAL, Dr. C. L. Remington, Dept. of Zoology, Yale University, New Haven, Conn., U.S.A.

Information on membership in the Society may be obtained from the Treasurer, George Ehle, 314 Atkins Avenue, Lancaster, Pa., U.S.A., or from the Secretary, Dr. Paul R. Ehrlich, Division of Systematic Biology, Stanford University, Stanford, Calif., U.S.A. Changes in address should be sent to the Treasurer only. Information on missed issues of the JOURNAL or NEWS may be obtained from the Treasurer. Requests for membership, changes of address, and requests for information on missed issues should not be sent to the Editors of the JOURNAL nor the NEWS.

Items for inclusion in the NEWS should be sent directly to the Editor of the NEWS, Dr. J. W. Tilden, 125 Cedar Lane, San Jose 27, Calif., U.S.A.

MR. J. DONALD EFF  
R #1 FAIRVIEW ESTATES  
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FROM: THE LEPIDOPTERISTS' SOCIETY

