

NEWS

of the Lepidopterists' Society

Number 5

15 July 1968

Editorial Committee of the NEWS

E. J. Newcomer, Editor

1509 Summitview, Yakima, Washington 98902, U.S.A.

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ANNUAL MEETING

The 19th Annual Meeting of the Lepidopterists' Society was held at the U.S. National Museum, Washington, D.C., June 15-18. About 75 were registered, including the Secretary, Dr. John C. Downey, the Treasurer, Mr. Roy O. Kendall and Mrs. Kendall, the Editor of the Journal, Dr. J. A. Powell and your NEWS Editor. The main subject discussed was Polymorphism in Lepidoptera. There were two invitational papers, one by Dr. H. B. D. Kettlewell, of Oxford, England, on melanic polymorphism and one by Dr. H. E. Hinton, of the University of Bristol, England, on the respiratory systems of lepidopterous eggs as seen with the scanning electron microscope. Another interesting paper was on the research potential of Heliconius by M. G. Emsley, recently of Trinidad. There was a field trip to Beltsville, and the meeting ended with a banquet tendered by the Smithsonian Institution in the new Museum of History and Technology.

PACIFIC SLOPE SECTION - 1968 MEETING

The 15th Annual Meeting of the Pacific Slope Section of the Lepidopterists' Society will be held at the University of California, Berkeley, September 6 to 8, 1968. The program will include a field trip and open house at the museum Friday, September 6; presentation of papers Saturday and Sunday; and a banquet Saturday evening. Collections of the California Insect Survey and the Library of the Department of Entomology will be available for study, and on-campus parking will be provided for all members. Details of the program will be mailed to Pacific Slope members and to anyone else who requests them, in August. All members, whether amateur or professional, are invited to attend and bring interesting specimens and photographs. A "Notes and Exhibits" session will be included in the program.

RESEARCH NOTICE

WANTED: Collecting data, adults, preserved larvae of known parentage, live specimens of any stage of the noctuid subfamily Plusiinae. Am constructing keys to differentiate the larvae of this complex for all of North America. Thomas D. Eichlin, Zoo-Ent. Dept., Funchess Hall, Auburn University, Auburn, Ala., 36830.

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 any notices but all are expected to be bona fide. Notices should be sent to the Editor and should reach him at least two weeks in advance of publication date for any particular issue of the NEWS.

WANTED: Holland's Butterfly Book; Also living pupae of American Sphingidae and Catocala and chrysalids of all American butterflies. Please write stating species, quantity and price. Will pay good price and all letters will be answered. Ken Thorne, 16 Oregon Rd., London, Ont., CANADA.

FOR SALE: Will sell Papilio zelicaon in first-class condition @ 75¢ each or exchange for other Papilionidae. Ed Sampson, 6907 Paola St., Bakersfield, Calif., 93306, U.S.A.

FOR SALE: Economy mounting boxes with cotton inserts, 8 1/2 x 11 in., 75¢, 6 for \$3.60 post-paid. Complete line of butterfly supplies. WANTED: Surplus stocks of North American and worldwide butterflies, moths and beetles. T. D. Haas, Box 1170, New York, N. Y., 10008, U.S.A.

FOR SALE: Erora laeta, pair \$12; females, \$5 ea. Boloria improba, pair \$10; males, \$3 ea. Send postal M.O. with order. Henry Hensel, 145 Bellevue St., Edmunston, N. B., CANADA.

WANTED: Correspondence with anyone who has reared CALLOSAMIA angulifera. Also wanted: papered specimens of C. promethea x angulifera. Jeffrey C. Gilbert, 116 Augusta Court, York Pa., 17404, U.S.A.

WANTED: A pair each of Papilio philenor acauda, P. polyxenes stabilis, P. nitra, P. machaon dodi, P. aristodemus, P. anchisiades and P. andraemon. Perry A. Glick, 134 Highland Dr., Brownsville, Tex., 78520.

WILL BUY: Ornithoptera alexandrae, O. paradisae and O. amphrysus to complete Ornithoptera collection. Also any other species of Ornithoptera, Agrias and Papilio. And will buy Dynastes granti in any quantity or will trade for common or rare insects of worldwide fauna. Alan J. Wilkening, 500 Tysens Lane, Staten Island, N. Y., 10306, U.S.A.

FOR SALE: Formosan butterflies, moths, beetles, cicadas, dragonflies and other dried Formosan insect specimens. Mrs. Chang Pi-Tzu, P.O. Box 873, Taipei, Taiwan (Formosa).

FOR SALE: Insect pins, \$4 per 1000 (10 pkgs) plus 10¢ per M. postage. Clair Armin, 191 W. Palm Ave., Reedley, Calif., 93654, U.S.A.

FOR SALE: Large selection of worldwide Lepidoptera and Coleoptera in papers. Excellent condition, complete data, reasonable price and wide variety. Write for free catalog. Wayne W. Klopp, 4645-A Elson Ave., Chicago, Ill., 60630, U.S.A.

FOR SALE: A. morosa pupae, 30¢ each, or \$2.50 per doz. Wm. J. Shibe, III, 516 Bowling Green, Moorestown, N. J., 08057, U.S.A.

FOR SALE: Rare African Lepidoptera and other insects from southern Sudan and adjacent parts of Congo and Uganda. My son will shortly spend a year or more at Juba in Equatorial Sudan and will collect butterflies, moths and other insects. If you wish to receive listings or reserve special groups, please write. Robert Wind, Lista de Correos, Colima, Col., MEXICO

WANTED: Price lists of papered Lepidoptera of the World. Would like to secure some clear wings of the family Aegeriidae. Live stock and publication lists are most welcome. John Z. Trzaskos, Rt. 4, Voorhees Rd., Amsterdam, N. Y., 12010, U.S.A.

WANTED TO BUY: Healthy, living pupae of all North American Papilionidae and Saturniidae, particularly A. luna, Agapema galbina, S. rubra, C. angulifera, R. orizaba, S. gloveri, Automeris zaphyria and pamina, Pseudohazis hera and eglanterina, B. imperialis and C. regalis. John Adlington, 2669 Arbutus Rd., Victoria, B.C., CANADA

FOR SALE: Ova of C. promethea and P. cynthia, 30¢ per doz. plus 20¢ postage. Wm. J. Shibe, III, 516 Bowling Green, Moorestown, N. J., 08057, U.S.A.

FOR SALE OR EXCHANGE: Live chrysalids of Nymphalis antiopa, 20¢ ea., \$15 per hundred. Also am anxious to exchange ova, pupae and/or adults of eastern U.S. Lepidoptera for other U.S. species, particularly northern, southern and western. Will also buy and sell. All inquires answered. Eric L. Quinter, Rt. 1, Auburn, Pa., 17922, U.S.A.

FOR SALE: Perfect pair of Ornithoptera priamus miokoensis, ex-larvae. What offers? Douglas E. Dodwell, 28 Summerleaze Park, Yeovil, Somerset, ENGLAND

FOR SALE: Volumes 14-21, Journal Lepidopterists's Society (1960-67), \$37. or \$4 per volume. James Scott, 60 Estes St., Lakewood, Colo., 80226, U.S.A.

EXCHANGE: Have reasonable quantities of the following from Transition Zone, North-central Pennsylvania. Would like to exchange for like items from other areas, especially other races. Two males and two females each, with data: Pieris virginiensis, P. rapae, Lycaena phlaeas americana, Nymphalis milberti, Melitaea harrisii liggetti, Euphydryas phaeton. George F. Patterson, Box 157, Wellsboro, Pa., 16901, U.S.A.

WANTED: Any of the following Hesperiidae in numbers from one to several: Dos Passos 1964 List numbers: 20, 39a, 50b, 57b, 59, 64b, 68, 69, 70, 72b, 94, 102 1/2, 104, 113, 116a, 124, 141, 142, 159, 164b, 171, 179, 180, 186, 189, 190, 191, 196, 197, 198, 203a, 215a, 216, 222, 223, 224, 228, 234, 238b, 241. Species that are stragglers in the U.S. will be acceptable from any valid locality, as long as data are accurate. Will offer good exchange or will buy. J. W. Tilden, 125 Cedar Lane, San Jose, Cal., 95127, U.S.A.

INSECTS MOUNTED: Will mount any insects for pinning cases, Riker mounts or dioramic displays. Special moth and butterfly laminating. Prices from 3¢ to 25¢ depending on type of species. Postage extra. Special prices for quantity mounting of 50 or more. Will accept insect material as payment. Write for price form. Alan J. Wilkening, 500 Tysens Lane, Staten Island, N. Y., 10306, U.S.A.

NEW MEMBERS

BAUER, Edward J.	11808 Honeydale, Cleveland, O., 44120, U.S.A.
BERGMAN, Brian F.	598 Scott St., St. Catherines, Ont., CANADA
BUCHAN, Ross E.	7317 Second Ave., Kenosha, Wisc., 53140, U.S.A.
CONNOR, George	9155 Tuolumne Dr., Sacramento, Cal., 95826, U.S.A.
DRUMMOND, Royce A., III	Dept. of Zoology, Univ. of Texas, Austin, Tex., 78712, U.S.A.
GAGLIARDI, Ronald	5 Pond Rd., Hamden, Conn., 06514, U.S.A.
GARDNER, Richard C.	251 Prince St., Los Gatos, Cal., 95030, U.S.A.
HOWARD, Prof. Maurice L.	1 Dundee Lane, Pueblo, Colo., 81001, U.S.A.
JARASIUS, S.	P.O. Box 772, Port Moresby, Terr. of Papua, NEW GUINEA
JOHNSON, Philip A.	26 Great Plain Terrace, Needham, Mass., 02192, U.S.A.
JOHNSTON, Richard Mark	10 Fisk Circle, Annapolis, Md., 21401, U.S.A.
KONDOR, Charles Allen	4280 North Sercombe Rd., Milwaukee, Wis., 53216, U.S.A.
LABINE, Dr. Patricia A.	Dept. of Biology, Williams College, Williamstown, Mass., 01267, U.S.A.
LADWIG, Robert H.	50 Martha St., Spencerport, N. Y., 14559, U.S.A.
LINDSAY, S. Alan	15 Hillcrest Ave., Box 181, Deep River, Ont., CANADA
LUDTKE, Alvin	6524 Stoneman Dr., North Highlands, Cal., 95660, U.S.A.
MECUM, Donald J.	Box 26, Lone, Cal., 95640, U.S.A.
MILLER, Frederick H.	3884 Kingsberry Rd., Seaford, N. Y., 11783, U.S.A.
MEYERS, Calvin H., Jr.	33 Maynard Dr., Farmingdale, L.I., N. Y., 11737, U.S.A.
NAKAYAMA, Takao	Denden Apt. 12-24, Tamagawa Makamachi 2-21, Setagaya-Ku, Tokyo, JAPAN
PEDROLLO, Leonardo	Istituto S. Maria, 10020 Brusasco (To), ITALY
PETRBOK, Mancy E.	11029 So. Lindesmith Ave., Whittier, Cal., 90603, U.S.A.
RABE, Gary R.	2448 Mills Ave., Port Arthur, Tex., 77640, U.S.A.
ROMAN, Nickolas A.	1460 S.W. 192nd Ave., Aloha, Oreg., 97005, U.S.A.
SCHRADER, Dr. L. G.	219 1/2 E. 1st St., Independence, Iowa, 50644, U.S.A.
STEIN, George L.	262 Capri Ave., Lauderdale-by-the-Sea, Fla., 33308, U.S.A.
THORNE, Kenneth J.	16 Oregon Rd., London, Ont., CANADA
WILLIAMS, C.L.	Curator of Exhibits, Corpus Christi Museum, 1202 N. Waters St., Corpus Christi, Tex., 78401, U.S.A.

NEW ADDRESSES

BECHTEL, William A.	Dir, of Museum Education, Portland Society of Natural History, 22 Elm St., Portland, Me., 04111, U.S.A.
BOUTON, David W.	Box 27, Ouaquaga, N. Y., 13826, U.S.A.
BROWER, Dr. A. E.	8 Hospital St., Augusta, Me., 04330, U.S.A.
CHOUINARD, Joseph E.	St. Mary's College, P.O. Box 1026, Kisubi, Uganda, AFRICA
COLBORNE, Robert A.	Box 241, Zaleski, O., 45698, U.S.A.
COMMON, Ian F. B.	Div. of Entomology, CSIRO, P.O. Box 109, City, Canberra, A.C.T., AUSTRALIA
CONWAY, Patrick J.	285 No. Richmond Ave., Apartment 6, Clarendon Hills, Ill., 60514, U.S.A.
DEITCHER, Kenneth A., M.D.	3 Lockrow Avenue, Albany, N. Y., 12205, U.S.A.
DIAZ FRANCIS, Alberto	Berlin 105, Mexico 21, D. F., MEXICO
EMMEL, Dr. Thos. C.	Dept. of Biological Sciences, Univ. of Florida, Gainesville, Fla., 32601, U.S.A.
FERRIS, Dr. Clifford D.	Dept. Elect. Eng./Bioeng., Univ. of Wyoming, Laramie, Wyo., 82070, U.S.A.
GERTSCH, Dr. W. J.	Portal, Ariz., 85632, U.S.A.

(New Addresses, continued)

GILLHAM, Dr. Nicholas W.	Dept. of Ecology, Duke Univ., Durham, N.C., 27705 U.S.A.
GOMEZ MOLA, Sarita E.	C/Capitan Haya no. 76 (9 ^o G), Madrid (20), SPAIN
GOODEN, Robert Crane,	Over Compton, Sherborne, Dorset, ENGLAND
HESEL, John H.	Dept. of Biol. Sciences, Stanford Univ., Stanford, Cal., 94305, U.S.A.
HILL, Charles A.	15420 Van Owen Blvd., Van Nuys, Cal., 91405, U.S.A.
HOLMES, Henry	2783 Calle Quebracho, Thousand Oaks, Cal., 91360, U.S.A.
HOFFMEYER, Bishop Dr.	
Theol. Skat	Saralystalle 108, Hoejbjerg, DENMARK
JAMESON, Roy	% M. A. Rickard, 4628 Oakdale, Bellaire, Tex., 77401, U.S.A.
MINAHAN, Roger P.	Box 2382, El Modeno Sta., Orange, Cal., 92667, U.S.A.
NEFF, Richard H.	115 East Burd St., Shippensburg, Pa., 17257, U.S.A.
OLIVER, Charles G.	74 Charter Rd., Acton, Mass., 01720, U.S.A.
OLSON, Walter Lewis, Jr.	6159 Crescent St., Saint Louis, Mo., 63139, U.S.A.
PERKINS, Stephen F.	490 S. E. Why Worry Lane, Beaverton, Ore., 97005, U.S.A.
ROELLER, Dr. Herbert	Inst. of Life Sciences, Dept. of Biology, Texas A&M Coll., College Station, Tex., 77843, U.S.A.
SMITH, Billy J.	8445 Norristown Dr., Norfolk, Va., 23518, U.S.A.
SMITH, Dr. Marion E.	Fernald Hall, Univ. of Mass., Amherst, Mass., 01002, U.S.A.
SMITH, Richard S., M.D.	8 Hiawatha Dr., Builderland, N.Y., 12084, U.S.A.
THOMPSON, Dr. H. Stanley	Dept. of Ophthalmology, Univ. Hospital, Iowa City, Iowa, 52240, U.S.A.
WILKINSON, Ronald S.	2337 Hamilton Rd., Okemos, Mich., 48864, U.S.A.
WILLIAMS, James J.	General Delivery, Myrtle Point, Oregon, 97458, U.S.A.
WRIGHT, B.	Nova Scotia Museum, Halifax, N.S., CANADA

1969 ANNUAL MEETING

The 20th Annual Meeting of the Lepidopterists' Society will be held at Michigan State University, East Lansing, Michigan. The Local Arrangements Chairman will be Frederick W. Stehr, Department of Entomology, Michigan State University, East Lansing, Mich. 48823, and the Program Chairman will be Julian P. Donahue, same address. More details of this meeting will be published in the NEWS later.

NEWS NOTES . . .

DIRECTORY OF LEPIDOPTERA TAXONOMISTS: A directory of taxonomists in Lepidoptera is being prepared with two objectives in mind: (1) To enable amateur collectors and small museums to locate specialists who may be willing to determine parts of their collections; and (2) to make available to the taxonomists material which might otherwise have been overlooked. Names of specialists from all over the world will be included in this list. To this end, all taxonomists who are **ACTIVELY** revising groups of Lepidoptera are asked to name the taxa with which they are working and the geographical area covered by their work. All entries for the directory should be submitted as soon as possible to Julian P. Donahue, Dept. of Entomology, Michigan State Univ., East Lansing, Mich., 48823, U.S.A.

A long-time collector friend in the USSR who corresponds in English has asked me to help him get in touch with collectors to exchange Far East, USSR and other Asian specimens for Papilionids, Heliconids, Morphos, Ornithoptera, etc. Make your contact direct with D. S. Lastochkin, Poste Restante, Kiev-42, USSR. Such help to him would be much appreciated by me as my

collection has been turned over to the local museum and I am no longer able to "swap for swap" with him. Arthur H. Moeck, Milwaukee, Wisc.

Dr. Fidel Fernandez-Rubio, Avenida del Generalísimo 28, Madrid 16, SPAIN, is interested in obtaining specimens of American Zygaenidae, Lycaenidae and, above all, PARNASSIDAE, for which he will exchange determined Rhopalocera, Arctiidae and Saturniidae of the Iberian Peninsula, the Canary Islands and parts of North Africa. All inquiries should be directed to him. S. K. Gangwere, Wayne University, Detroit, Mich.

Eduardo C. Welling M., of Merida, Yucatan, MEXICO, wishes to explain the great delay in shipping orders and answering correspondence. He was away collecting from August to December, 1967, then in British Honduras during January 1968, then in California for two months, where he became ill and is still feeling some after-effects and has had to rest. Hurricane Beulah destroyed his entomology house with many specimens in September 1967 and now two of his collectors are lost in Chiapas. He now expects to get up-to-date with shipping and correspondence, apologizes to all his patient customers, and reminds them that 1968 expedition material will be from the State of Chiapas.

ADDITIONS TO THE 1967 ANNUAL SUMMARY

Zone VII: A report from Mike Grieman, York, Pa., shows a concentration of Papilio cresphontes in August at Pinchot State Park, and a brood of Polygona comma at the same time. Anisota stigma larvae were noted in quantity on walnut August 1. At York, Speyeria idalia was taken July 20. Many Catocalas in season at York.

Zone IX: Robert Wind, collecting in the State of Colima, Mexico, had very good results within seven miles of the City of Colima. Among species of special interest were Battus philenor, polydamus, erecon, laodamus copanae; Papilio thoas autocles, cresphontes, garamus (and female form niger), ornythion, polyxenes, victorina, multicaudata, anchisiades, epidaurus and pharnaces; Graphium epidaus, philolaus, form niger, neosilaus and thymbrisus; Parides montezuma, photinus, alopius, polyzelus, belesis; many Pierids and Satyrids, numerous Nymphalids, including Dryas julia, Athena petreus, Heliconius charithonia, Euptoieta hegesia and claudia, Chlosyne lacinia (with many color forms), janais, hyparia, erodyle, guadialis, etc; Anartia jatropha, fatima; Victorina steneles, superba; Myscelia cyananthe; Callicore asteria, Siderone nemesis; many spp. of Dyanime, Ageronia, Adelpha, Prepona; Morpho polyphemus; more than 75 spp. of Thecla, including several new spp. and a new genus, according to Harry Clench. More than 20 spp. of Erycinidae, including new spp.; over 155 spp. of Hesperiid, including several new spp. and a new genus, according to H. A. Freeman. The skippers include Agathymus rethon, Epargyreus cruzi, aspinga, windi, and a new sp.; Chiodes zilpa, albofasciatus; Urbanus proteus, viterbeana, pronta, esmereldus, esta, dorantes, teleus, tanna, simplicius, procne, chaes, doryssus. Among more than 45 spp. of Sphingids were Phlegethontius rustica, occulta, florestran, lefeburei, sexta, Cocytius duponche; Erynnis crameri, alope, ello lassauxi, obscura, osmotrus, yucatanica; Madoryx oiclus, butleri; Pholus licaon, elisa, labruscae. Over 20 spp. of Saturniids including spp. of Automeris, Arsenura, Eacles, Citheronia, Copaxa, Rothschildia, etc; also Erebus odora and Thysania zenobia

B O O K S

- Barnes & McDunnough, 1918, ILLUSTRATIONS OF THE NORTH AMERICAN SPECIES OF
THE GENUS CATLOCALA, 281 col. figs., 173 line
drawings, NEW, in original wrappers, \$25.
- Collins & Weast, 1961, WILD SILK MOTHS OF THE UNITED STATES, cloth, \$4.50.
- Crotch, 1956, A SILKMOTH READER'S HANDBOOK, rev.ed., paper, \$6.
- Ehrlich, 1960, HOW TO KNOW THE BUTTERFLIES, spiral, \$3.
- Klots, 1951, A FIELD GUIDE TO THE BUTTERFLIES, cloth \$4.95.
- Kusnetsov, 1967 translation & reprint, FAUNA OF RUSSIA AND ADJACENT COUNTRIES:
LEPIDOPTERA, VOL. 1, INTRODUCTION, 212 figs.,
7 maps, 309 pp. (the most comprehensive guide to Lepidoptera morphology available), paper, \$5.
- Woodhouse, 1950, THE BUTTERFLY FAUNA OF CEYLON, 2d ed., with color illust. of every
Ceylon sp., folio cloth, \$8.
- Wynter-Blyth, 1957, BUTTERFLIES OF THE INDIAN REGION, numerous color and b/w figs.,
cloth, \$8.
- ALL BOOKS ARE NEW. Satisfaction guaranteed or money refunded. Cash orders shipped
postpaid in North America, add 5% for foreign postage. Mich. residents add 4% sales tax.
Obtain these and ANY entomological book in print from Entomological Reprint Specialists,
Box 207-D, East Lansing, Mich., 48823, U.S.A. -- J. P. Donahue.

Dates of Mailing News: 1966:

- 15 October issue mailed 15 October;
1 December issue, 12 December
1967
15 January issue, Directory; 1 March issue, 7 March;
15 April issue, 6 May;
1 June issue, 8 June;
15 July issue, 18 July;
1 September issue, 31 August;
15 October issue, 13 October;
1 December issue, 5 December;
1968
15 January issue, 16 January;
1 March issue, 27 February;
15 April issue, 23 April;
1 June issue, 20 May;
This issue (15 July) will be late in order to include timely information
about the meeting at Berkeley in September.

--Editor.

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

Price: Society members - \$4.50, others: \$6.00 postpaid (hard-cover binding \$1.50 additional)
Order from Society Treasurer.

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.

Information on membership in the Society may be obtained from the Treasurer, Roy O. Kendall, 135 Vaughan Place, San Antonio, Texas, 78201, U.S.A. Changes of address should be sent to the Treasurer at this address. Please DO NOT send requests for membership or changes of address to the Editors of the NEWS or of the JOURNAL.

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. J. A. Powell, 201 Agriculture Hall, University of California, Berkeley, California, 94720, U.S.A.,

Items for inclusion in the NEWS should be sent directly to the Editor of the NEWS,
E. J. Newcomer, 1509 Summitview, Yakima, Washington, 98902, U.S.A.

from: THE LEPIDOPTERISTS' SOCIETY
Zoology Department
Southern Illinois University
Carbondale, Ill., 62901, U.S.A.

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