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 Editorial Committee of the NEWS

E. J. Newcomer, Editor

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

J. Donald Eff  
 H. A. Freeman  
 L. Paul Grey  
 Richard Heitzman

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 G. Hesselbarth  
 L. M. Martin  
 Bryant Mather  
 L. D. Miller

F. W. Preston  
 G. W. Rawson  
 Fred Thorne  
 E. C. Welling M.

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ANNUAL SUMMARY

The Annual Summary of captures and occurrence of Lepidoptera in North America has been useful to many of our members for years and we hope a large number of you will be able to send in reports for the 1966 Summary. Following are some suggestions for making these reports:

Weather: Report only if it has markedly affected abundance.

Effects of other forces (fire, grazing, construction, etc.): These are usually very local and it is doubtful if reports on them are very useful to others. Therefore, please omit them unless of widespread effect.

Record of species taken: Report any species not previously known in county or larger area. Report unusual abundance or scarcity. Report any noticeable migration, with dates, duration, direction of flight, estimate of numbers.

Report species in detail only if the area has not previously been collected or reported on, and if this might show extension of range. DO NOT send in lists of common species from well-known areas.

Report any NEW information on foodplants of larvae.

It has been suggested that reports be written up in a more orderly fashion and more accurately. These are worthy objectives, but in view of the many reporters (almost 100 last year) they are probably only partially attainable. However, species should, if possible, be listed in the form and order shown in the dos Passos Checklist. And please be as accurate as possible. It is the opinion of the Editor that anyone really interested in the information in these reports will take the trouble to dig it out, as he has done on many occasions.

Suggest you refer to 1965 reports (NEWS, 15 April, 1966) for indications on how to write up reports. Your reports should be in the hands of your Zone Coordinator by 15 February. This will allow him to summarize the reports and get the summary to the Editor in time for publication in the 15 April NEWS. This will be the only notice regarding the Annual Summary, as the 15 January NEWS will consist of the Membership Directory.

The Zones and Coordinators are as follows:

- Zone I: California, Arizona, Nevada; Fred Thorne, 1360 Merritt Drive, El Cajon, Calif., 92021.  
Zone II: British Columbia, Wash., Oregon, Idaho, Montana; E. J. Newcomer, 1509 Summitview, Yakima, Washington 98902.  
Zone III: Alberta, Wyoming, Utah, Colorado, New Mexico; Donald Eff, 445 Theresa Dr., Fairview Estates, Boulder, Colorado, 80302.  
Zone IV: Saskatchewan, Manitoba, No. & So. Dakota, Nebraska, Kansas, Oklahoma, Texas; H. A. Freeman, 1605 Lewis Dr., Garland, Texas, 75040.  
Zone V: Ontario, Minnesota, Wisconsin, Michigan, Iowa, Illinois, Indiana, Ohio, Missouri, Kentucky, West Virginia; J. R. Heitzman, 3112 Harris Ave., Independence, Mo., 64052.  
Zone VI: Arkansas, Louisiana, Tennessee, Mississippi, Alabama, Florida, Georgia, No. & So. Carolina, Virginia; Bryant Mather, P. O. Drawer 2131, Jackson, Miss., 39205.  
Zone VII: Quebec, Nova Scotia, New England, New York, New Jersey, Pennsylvania, Maryland, Delaware, D. C.; L. Paul Grey, Rt. 1, Box 216, Lincoln, Maine, 04457.  
Zone VIII: Alaska, Northern Canada; L. D. Miller, Dept. of Biology, University of America, Washington, D. C., 20017.  
Zone IX: Mexico, West Indies, Central America; Eduardo E. Welling M., Calle 66 Norte, Nr. 426, Merida, Yucatan, MEXICO.

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#### MEMBERSHIP DIRECTORY

Because of heavy Christmas mail and delays in getting corrections, the new Membership Directory, which had been scheduled for about 1 December, will be put in the mail as soon after 1 January, 1967, as possible. It will take the place of the 15 January NEWS.

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#### RESEARCH NOTICES

**MATING INFORMATION NEEDED:** In the past I have reared some interesting variations and forms of Catocala spp. For the last six years I have attempted to mate them without success. More than a dozen different ways were tried, but eggs always collapsed. I hope some Lepidopterist will offer suggestions and ideas as to how to obtain fertile eggs from reared Catocalas. Joseph Muller, Rt. 1, Lebanon, N. J.

**NYMPHALIDS WANTED:** For survey of distribution of amino-acid 3-hydroxykynurenine as wing pigment. Specimens of subfamily Ithomiinae (all genera); genus Heliconius; genus Polyura, genus Catonephele (females only). Even 3d-class material will do. Please send lists of species available with form of exchange desired. Can pay cash or send variety of Brazilian species, common or rare. Keith S. Brown Jr., Faculdade de Farmacia e Bioquimica, C.P.P.N., Praia Vermelha, Rio de Janeiro ZC-82, BRAZIL.

**NEEDED FOR RESEARCH:** Pinned or papered specimens of Callophrys dumetorum and C. viridis for biosystematic study for MS degree at University California. Any information on distribution and life histories is desired. Glenn Gorelick, Dept. of Entomology and Parasitology, Univ. of California, Berkeley, California, 94720.

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#### CONSTITUTION

After the 15 October NEWS was issued, it came to my attention that not only was the Constitution printed in the NEWS in 1955 but that an up-to-date version of it appeared in the JOURNAL for August 1966 (Vol. 20: No. 3: page 197). While there is almost no difference in the paragraphs that it is proposed to revise in the two versions, many of you may not have the 1955 version.

---Editor

## 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.

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FOR SALE: Australian Sphingidae including Coequosa australasiae and Tetrachroa edwardsii; Papilionidae including Graphium macleayanus, Protographium leosthenes and P. aegeus; Lycaenidae including lalmenus evagoras, Ogyris genoveva dauringa and Hypochrysops delicia. All specimens papered, A1 condition, full data. Write for tentative price list. D. A. Lane, 22 Drummond St., Toowoomba, Queensland, AUSTRALIA.

FOR EXCHANGE: Euptychia mitchellii from New Jersey for E. mitchellii from other states. Also E. areolata septentrionalis, Lycaena epixanthe, Lephelisca borealis and other New Jersey butterflies for E. areolata areolata, E. gemma, E. rubricata, Lethe creola, S. diana and southern Theclinae. David A. Wright, 18 Clinton Place, Woodcliff Lake, N. J., 07860.

WANTED: Live Hyalophora columbia and Actias luna pupae. David A. Wright, 18 Clinton Place, Woodcliff Lake, N. J., 07680.

FOR SALE: Feniseca tarquinius (monkey face) chrysalids and E. Imperialis pupae, 65¢ each. Minimum order, 4. Mrs. R. E. Carter, Rt. 1, Box 129, Darlington, Pa., 16115, U.S.A.

FOR SALE: LIVING PUPAE: A. luna, or S. cecropia, 40¢ each, 12 for \$4.00; T. polyphemus or P. cynthia, 35¢ each, 12 for \$3.50. Would also be willing to trade for A. io, S. gloveri or C. angulifera. William J. Shibe, III, 628 Thomas Ave., Riverton, N. J., 08077, U.S.A.

WANTED URGENTLY: Pupae of Papilio glaucus. Good price paid. C. A. Clarke, High Close, Thorsway, Caldby, ENGLAND.

WANTED TO TRADE: Most species Southern and Western U. S. Lepidoptera in small series. Have Indian Rhopalocera without data plus some Wisconsin species for exchange. George Holbach, 1021 South 20th Street, Milwaukee, Wisc., 53204.

WANTED: Neotropical Rhopalocera (except those species common in Panama), especially Theclini, Riodinidae, Pyrropyginae, Ithomiidae, Anaea, Agrias; also all Theclini of the U. S. not found on the eastern seaboard. Will purchase or exchange for Panamanian species. Also wanted: English text of vol. 5 of Seitz, The Macrolepidoptera of the World. Gordon B. Small, Jr., Box 2510, Balboa, CANAL ZONE.

WANTED: Living pupae or papered specimens of the following: Darapsa pholus, D. myron, Hyloicus lucitiosa, B. imperialis, C. regalis, Saturnia mendocino, Erebus odora, D. versicolor, Sphecodina abbottii, A. nesus, Sesia titan, P. juanita, P. clarkiae, P. gaurae, E. phaeton and Celerio intermedia, males and females. Steve Jensen, 12075 Joandra Ct., Los Altos, California, 94022, U.S.A.

FORMOSAN papered butterflies, moths and other tropical insects available in large quantity. Rare and aberrations of butterflies, Attacus atlas and Actias selene formosana and living cocoons of Attacus atlas also available. Price lists on request. Mrs. Chang Pi-Tzu, Box 873, Taipei, FORMOSA

WANTED: Milkweed seed, especially some that will grow in West Texas, and Asclepias tuberosa (butterfly weed). Have 1966 catch from Odessa, Texas, and Cloudcroft, New Mexico, to exchange for Papilio marcellus, glaucus, cresphontes, multicaudata; Limenitis (except astyanax); Speyeria; Heliconiidae. Send for lists. Mrs. R. H. Harrison, 4034 Stillwood, Odessa, Texas, 79760 U.S.A.

WANTED: Live Telea polyphemus cocoons from the winter-emerging southern brood (Southern U.S.A. members please note). Please quote price. Albert T. Wallis, Route 1, Box 327, Sequim, Washington, U.S.A.

FOR SALE: Living polyphemus cocoons (overwintering pupae from 1966 crop), 30¢ each in lots ranging from 100 to 1000 or more. Miss Fay A. Kopp, Route 1, Klingerstown, Pa., 17941, U.S.A.

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### WILLIAMS: THE MIGRATION OF BUTTERFLIES

Many of our members may not be aware of this book, first published in 1930. Its 473 pages include four parts:

- Part I - Preliminary Discussion
- Part II - The Evidence According to Species
- Part III - Migrations Considered Geographically
- Part IV - General Discussion
- Part V - Bibliography and Index

The General Discussions include information on the true nature of migratory flights, condition and behavior of migrants, conditions determining the start of the flight, determination of route and goal, comparison with other animals, and some general problems.

This book is still in print and sells for 12/6 (about \$1.75). It may be ordered from any scientific bookseller or direct from the publisher: Oliver & Boyd, Ltd., Tweeddale Court, Edinburgh 1, Scotland.

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### MIGRATION

On the subject of migration, referring to our note in the 15 October NEWS about the migration of Libytheana, Mr. Richard T. Arbogast, Savannah, Ga., writes that he observed a somewhat similar migration in Arizona in 1960, at which time the snout butterflies were crossing U. S. Rt. 60 in large numbers along a front of several miles about 40 miles northeast of Globe. This was September 28-29 and the direction of flight was approximately southeastward.

Please remember to report migratory flights of Vanessa cardui, Libytheana bachmannii or other species in reporting for the Annual Summary.

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### NEW MEMBERS

ANDERSON, Doris M.	5837-41 West Chicago Avenue, Chicago, Illinois, 60651, U.S.A.
BURRIS, Danny L.	704 Country Club Drive, Tampa, Florida, 33612, U.S.A.
CARTER, Nicholas G.	4000 W. Thornapple Street, Chevy Chase, Md., 20015, U.S.A.

CAUWEL, A. J. Jr.	5912 Rostrata Avenue, Buena Park, California, 90620, U.S.A
CUTLER, Vickie Lie	1725 Central Lane, Deerfield, Illinois, 60015, U.S.A.
DICKENS, Michael C.	The Butterfly Farm Ltd., 42 Salisbury Rd., Bexley, Kent, ENGLAND
DOCKWEILER, John E.S., M.D.	2010 Wilshire Boulevard, Los Angeles, California, 90057, U.S.A.
FRANCIS, Sister M. Clare, O.S.F.	Saint Francis College, Ft. Wayne, Indiana, 46808, U.S.A.
FRECHIN, Don and Richard	1745 N.E. 102d Street, Seattle, Washington, 98125, U.S.A.
HOBERT, Dr. Eugene S.	406 North Main Street, Blue Earth, Minn., 56015, U.S.A.
JOHNSON, Dr. F. M.	Res. Assoc., Dept. Zoology, University of Texas, Austin, Texas, 78712, U.S.A.
KARPULEON, Fay H.	1210 Judson Street, Texarkana, Texas, 75501, U.S.A.
LESKE, Donald	8639 Oleander, Niles, Illinois, 60648, U.S.A.
MARION, Louis, M.D.	Box 243, Santo Domingo, DOMINICAN REPUBLIC
McCLAIR, Leslie	Nash Road, Route 2, Oshawa, Ont., CANADA
MINASIAN, Billie	2765 10th Avenue, Sacramento, California, 95818, U.S.A.
NEWCOMER, David L.	Box 369, Juniata College, Huntington, Pa., 16653, U.S.A.
OKAGAKI, Hiromu, M.D.	Higashihonzi-machi, 113, Tottori-shi, JAPAN
PEIFFER, Richard H.	465 South 7th Street, Chambersburg, Pa., 17201, U.S.A.
STONE, Rev. Max W.	14 Trafford Street, West Chermshire, Brisbane, Queensland, AUSTRALIA
SWISHER, William L.	21215 Arrowhead Dr., Santa Maria, California, 93454, U.S.A.
WILLIAMS, Richard G.	2133-B Spaulding Avenue, Berkeley, California, 94703, U.S.A.
WILLIS, Glen Darryl	1621 Bryan, Chillicothe, Mo., 64601, U.S.A.
SENG WAH, Richard Yong	166 Penang Road, Georgetown, Penang, MALAYSIA

#### NEW ADDRESSES

BAKER, Dennis J.	Route 1, Box 130, Vineland, New Jersey, 08360, U.S.A.
BAKER, James H.	2628 Washington Street, Baker, Oregon, 97814, U.S.A.
BRAUN, Karl	2140 Oxford Street, Berkeley, California, 94704, U.S.A.
CHEHEY, Robert L.	1026 Front Street, Apt. 12, Coeur d'Alene, Idaho, 83814, U.S.A.
CHUA, C. C.	Box 12, Tanah Rata, Cameron Highlands, Pahang, MALAYSIA
FALES, John H.	Ridge Road, Neeld Estate, Huntington, Md., 20639, U.S.A.
GARRISON, Rosser W.	CU Box 5283, Northern Arizona Univ., Flagstaff, Ariz., 86003, U.S.A.
GOODDEN, Robert C.	3, Compton House, Sherborne, Dorset, ENGLAND
GORELICK, Glenn A.	2525 Regent Street, #B, Berkeley, California, 94720, U.S.A.
HARDESTY, Richard	Hill Hall, #206, Laramie, Wyoming, 82070, U.S.A.
HEARD, John Mark	2882 Pinewood Drive, Macon, Georgia, 31204, U.S.A.
HOLMES, A.	43 Welland Avenue, Toronto 7, Ontario, CANADA
JOHNSON, Kenneth	Box 3038, Redwood Hall, Humboldt State College, Arcata, Calif., 95521, U.S.A.
KEUTER, Alfred D.	212 Beckett Hall, University of California, Davis, Calif., 95616, U.S.A.
LONG, D. R. M.	"Grey Squirrels", Hawthorne Road, Bickley, Bromley, Kent, ENGLAND
MacLEOD, Dr. Ellis G.	38 Maple Court, Lake Park, Champaign, Illinois, 61820, U.S.A.
PYLE, Robert M.	Wellesley Apts., 4203 Brooklyn N. E., Seattle, Wash., 98105, U.S.A.
REMINGTON, P. S. Jr.	c/o Mrs. June R. Elliott, American Consulate, Box 30 FPO, San Francisco, California, 96659, U.S.A.

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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.

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Membership in the Lepidopterists' Society is open to all persons interested in any aspect of Lepidopterology. Prospective members should send the Treasurer the full dues for the current year (\$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, 122 Giannini 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.

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