MYCOLOGICAL SOCIETY OF AMERICA NEWSLETTER
Vol. XIV, No. 2 December 1963
Edited by Emory G. Simmons

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Supplement: Proposed Cumulative Index to MYCOLOGIA

Pioneering Research Division
U. S. Army Natick Laboratories
Natick, Massachusetts
I. REPORT OF THE COUNCIL FOR 1963
Amherst, Massachusetts
August 26, 1963

The Council Meeting was called to order by President Barnett at 8:00 p.m. in Room 131, Bartlett Hall, University of Massachusetts.

Reports of Editors, Committees, and Official Representatives of the Society were heard. The following actions were taken during this meeting.

1. Dr. C. T. Rogerson submitted his reports as Editor-in-Chief and as Managing Editor of MYCOLOGIA.

2. Voted to establish a deadline of January 1, 1964, for receipt of Dr. L. J. Wickerham's yeast monograph, which currently is intended for publication as the Society's first MYCOLOGIA MEMOIR. After that date the completed, available manuscript of another member is to be given preferential attention for publication by the Board of Editors.

3. Voted on the basis of a request from the American Type Culture Collection, to establish a standing committee which will act in an advisory capacity to the mycological staff of ATCC.

4. Re-appointed Dr. H. L. Barnett to the Editorial Board of MYCOLOGIA for the period 1964-1968.

5. Voted to go on record as approving a system of page charges on papers accepted for publication in MYCOLOGIA.

6. Voted to grant Life Membership in the Society to Dr. Heinz Kern on receipt of a cash donation of $200.00.

7. Voted to approve requests for change in status from Regular to Emeritus Membership for E. A. Atwell, F. B. Cotner, and D. R. Sumstine.

8. Voted to initiate appropriate action for increasing annual dues of Associate Members to $2.00.

9. Voted to hold the 1964 annual meeting of the Society in conjunction with the American Institute of Biological Sciences. It is understood that the time and place of this meeting is late August at Boulder, Colorado.

Individuals elected were:

President-Elect . . . . . . . . . . . . . Richard K. Benjamin
Vice-President . . . . . . . . . . . . . J. Walton Groves
Councilor - East . . . . . . . . . . . . . Robert L. Shaffer
Councilor - West . . . . . . . . . . . . . Robert W. Lichtwardt
Councilor - Canada . . . . . . . . . . . Roy F. Cain

The meeting was adjourned at 10:00 p.m.

Respectfully submitted,

Emory G. Simmons
Secretary-Treasurer
II. REPORT OF THE SECRETARY-TREASURER - 1963


A. Special Business: None.

B. Financial Condition: On July 25, 1963, our checking account stood at $2939.74, or an increase of $537.14 over the balance reported on August 15, 1962. Petty cash and postage on hand totaled $15.16. On the same date our savings account stood at $4727.21, an increase of $447.69 during the past fiscal year. Our total assets on the date of audit were $9682.41. Our checking and savings accounts both are on deposit with the Framingham Trust Company, Framingham, Massachusetts.

1. Our investments at the present time consist of:
   a. Life Membership Fund
      (1) $500.00 face value of U. S. Treasury Bonds at 2 1/2% interest.
      (2) $400.00 in the savings account.
   b. Memoirs Fund of $2457.91 in the savings account.
   c. Research Grants Fund of $1869.30 in the savings account.
   d. Operational Reserve Fund of $1500.00 face value of U. S. Treasury Bonds at 2 1/2% interest.

2. Operating Account: During the period covered by this report, the Society collected $5229.21. Operating expenses amounted to $7692.10. Receipts exceeded disbursements by $5327.11. This compares with surpluses of $730.27 in 1961 and of $293.00 in 1962.

3. Savings Account:
   a. As of July 25, 1963, there were 25 Sustaining Members in the Society. Twenty-four of these paid dues of $50 each; one (The Upjohn Co., as is their custom) paid double dues of $100; and one paid back dues of $50 for 1962. Thus, a total of $1350.00 was received from these members in 1963. Disbursements against these receipts totaled $1117.20; the balance of $232.80 was transferred to the Research Grants Fund.
   b. A gift of $5.00 from an Emeritus Member (Dr. Clara Fritz) was added to the Research Grants Fund.
   c. Interest on U. S. Government Bonds amounted to $50; interest on the savings account was $89.89. The total $139.89 was added to the Memoirs Fund.
   d. A Life Member payment of $100.00 (by Dr. John Couch) was added to the Life Membership Fund.

The savings account thus increased by $147.69 in 1963 to a total of $4727.21. Of this total, $2457.91 is reserved for the Memoirs Fund; $400.00 belongs to the Life Membership Fund; and the balance of $1869.30 is at the disposal of the Research Grants Committee for 1964. This committee, in 1963, made grants of $750.00 to Mr. Larry James Littlefield, Univ. of Minnesota, and of $100.00 to Mr. Donald T. Kowalski, Univ. of Michigan.
C. Membership: As of August 18, 1963, the Society counted 813 regular members, 2 corresponding members, 13 emeritus members, 51 associate members, 6 affiliated societies, and 25 sustaining members in its active file -- a total of 971, representing a net gain of 111 members in the past year.

During the past year the Society has received membership applications in the following categories: 120 new regular members for 1963 and 111 new regular members for 1964; 3 emeritus members (E. A. Atwell, F. B. Cotner, and D. R. Sumstine); 1 life member (H. Kern); 3 new sustaining members (Parke, Davis & Company, Detroit, Mich.; Refined Syrups & Sugars, Inc., Yonkers, N. Y.; and Wallerstein Company, Staten Island, N. Y.); and 25 new associate members.

Members lost to the Society during the past year include 18 regular members through nonpayment of dues, 1 sustaining and 15 regular members through resignations, and 2 regular members deceased. The latter were Agathe L. van Beverwijk and George D. Fuchle.

Respectfully submitted,

Emory G. Simmons
Secretary-Treasurer

III. REPORT OF THE 30th ANNUAL BUSINESS MEETING
Amherst, Massachusetts
August 28, 1963

MINUTES OF THE BUSINESS MEETING

President H. L. Barnett called the business meeting of the Society to order at 8:30 a.m., August 28, 1963.

The President introduced Dr. James D. Ebert, President, American Institute of Biological Sciences. Dr. Ebert briefly reviewed the current administrative and financial status of AIBS, indicating that the Institute still is in serious financial condition but that this would be resolved within the next few years if a newly proposed charter and mode of operation could go into effect. AIBS predicts its future strength on the basis of greatly increased individual membership and dues. Member societies of the Institute will continue to have representatives on the AIBS Governing Board and will continue to make financial contributions scaled to their total membership. Dr. Ebert reported that the councils of some member societies already had ratified the new AIBS charter.

The Secretary moved that reading of the minutes of last year's business meeting be omitted since they had been published in the NSA NEWSLETTER 13(2):4–6. 1962. The motion was seconded and approved.

The Secretary-Treasurer read his report summarizing business, finance, and membership activities of the past year. The report was approved.

President Barnett announced the names of officers incumbent and newly elected for 1964. (See Report of the Council for 1963, item 10.)

The Editor-in-Chief of MYCOLOGIA, Dr. C. T. Rogerson, read his report. Eleven issues of MYCOLOGIA have been published since last year's meeting. These include the last issue of the 1961 volume (642 pages in volume), six issues of the 1962 volume...
(7th page), and the first four issues of the 1963 volume, MYCOLOGIA is back to a normal publication schedule. The remaining two issues of the 1963 volume will be released on schedule. Copy for the first two issues of the 1964 volume has been processed. Manuscripts currently being processed will be sufficient to complete two additional issues if all are accepted. Thus there is a one year interval between receipt of manuscript and publication, which is understood to be the normal interval for most scientific journals.

Authors have been cooperative in following the Editorial Board's "Instructions" published in the December 1962 NEWSLETTER. It is planned to revise and improve these instructions for publication in MYCOLOGIA. Suggestions and criticisms will be welcome.

Approved.

Dr. Rogerson also read his report as Managing Editor of MYCOLOGIA. Income for the fiscal year, 1 July 1962 through 30 June 1963, totaled $20,960.39. Income from members was $4,710.00; income from subscribers was $11,700.00; income from sales of back issues was $3,092.02; income from excess page and illustration charges was $208.37; income from endowment was $1,250.00. Expenses totaled $22,660.71, which includes $21,190.43 for the printing and distribution of 10 issues of MYCOLOGIA. Thus $1100.32 more was spent than was received. However, there was an unexpended balance of $23,723.20 from the previous year, leaving a present balance of $22,466.00. MYCOLOGIA endowment was increased by $790.00 and now stands at $27,466.00.

Approved.

Dr. C. J. Alexopoulos rose to suggest a vote of thanks to Dr. Rogerson for his efforts and achievements in behalf of MYCOLOGIA. Members present responded with applause.

The Secretary-Treasurer presented the Report of the Council Meeting for 1963.

Approved.

Dr. H. E. Bigelow, Chm., of the Foray Committee, commented that the three days of collecting had already yielded a preliminary list of 400 species identified. Attendance figures for the field trips reached a maximum of 94 on the final day. Vice-President R. K. Benjamin called for an expression of appreciation for the excellent arrangements made by the local foray committee.

The report of the Auditing Committee (Elwyn T. Reese, Chm., and Richard T. Darby) was read by Dr. Reese.

Approved.

The Secretary-Treasurer presented a list of applicants for membership in the Society and moved their election. All applicants were elected to membership.

Unfinished Business

None.

New Business

Dr. K. B. Raper referred to the earlier comments of Dr. Ebert concerning AIBS and asked if any Council action had been taken toward ratifying the new AIBS charter. The Secretary replied that neither the charter nor a request for action had been received by the Council. Mr. J. A. Stevenson, MSA representative to AIBS, added that his report to Council was based on a preliminary draft of the charter still subject to revision. The final draft, when received, will be brought to the attention of Council and the Society for action.
The meeting was adjourned at 9:10 a.m. President Barnett then presented his Presidential Address "Mycoparasitism".

Respectfully submitted,

Emory G. Simmons
Secretary-Treasurer

IV. REPORT OF THE AUDITING COMMITTEE

July 25, 1963

To The Mycological Society of America:

Your Auditing Committee has examined the records of the Secretary-Treasurer, Emory G. Simmons, for the period August 15, 1962, to July 25, 1963, and has found them correct.

The present financial status of the Society is as follows:

1. Cash in the Checking Account, Framingham Trust Co., Framingham, Mass. $2939.74
2. Savings Account in the Framingham Trust Co., Framingham, Mass. 4727.21
4. Petty cash and postage 15.46

TOTAL $9682.41

Respectfully submitted,

/s/ E. T. Reese, Chm.
/s/ Richard T. Darby

V. OFFICERS, REPRESENTATIVES, EDITORS, AND COMMITTEES OF THE MYCOLOGICAL SOCIETY OF AMERICA

Officers of the Society for 1964

President--1963-1964 C. W. Hesseltine, Northern Regional Research Laboratory, Peoria, Illinois

President-Elect--1963-1964 R. K. Benjamin, Rancho Santa Ana Botanic Garden, Claremont, California

Vice-President--1963-1964 J. W. Groves, Plant Research Institute, Ottawa, Ontario, Canada

Secretary-Treasurer--1962-1965 E. G. Simmons, U. S. Army Natick Laboratories, Natick, Massachusetts

1963-1965 ........ R. L. Shaffer, University of Michigan, Ann Arbor, Michigan

1963-1965 ........ R. W. Lichtwardt, University of Kansas, Lawrence, Kansas

West--1962-1964 ........ Lois H. Tiffany, Iowa State University, Ames, Iowa

Canada--1963-1965 ........ R. F. Cain, University of Toronto, Toronto, Ontario, Canada

Past President--1962 ................ E. S. Beneke, Michigan State University, East Lansing, Michigan

Past President--1963 ................ H. L. Barnett, West Virginia University, Morgantown, West Virginia

Official Representatives of the Society

Representatives to the Council, American Association for the Advancement of Science:

1963-1964 ........ W. D. Gray, Ohio State University, Columbus, Ohio

1964-1965 ........ New appointment to be made.

Representative on the Governing Board, American Institute of Biological Sciences:
R. B. Stevens, George Washington University, Washington, D. C.

Representative on the Board of Trustees, American Type Culture Collection:
C. W. Hesseltine, Northern Regional Research Laboratory, Peoria, Illinois.

Representative to the National Research Council:
C. R. Benjamin, National Fungus Collections, Beltsville, Maryland.

Representative on the Editorial Committee, American Journal of Botany:
J. L. Lowe, New York State Univ., College of Forestry, Syracuse, New York.

Representative on the Biological Stains Commission:

Editors of the Society

MYCOLOGIA: Editorial Board

C. T. Rogerson, Editor-in-Chief and Managing Editor
L. S. Olive
L. Shaner
A. S. Sussman
G. B. Cummings
H. L. Barnett
MYCOLOGIA MEMOIRS: Board of Editors

L. Shanor, Chm.
C. J. Alexopoulos
D. P. Rogers
C. T. Rogerson, Editor-in-Chief of Mycologia
E. G. Simmons, ex officio
J. A. Schmitt, Jr., ex officio

MSA NEWSLETTER: Editor

E. G. Simmons

Standing Committees of the Society

Committee on Nomenclature

C. R. Benjamin, Chm., 1966
[Committee membership being reorganized.]

Committee on Medical Mycology

L. Ajello, Chm., 1965
C. W. Emmons
A. L. Carrion
N. F. Conant
C. W. Dodge
E. D. DeLamater
C. A. Plunkett

Committee on Membership

J. E. Peterson, Chm., 1966
[Committee membership being reorganized.]

Committee on Research Grants and Publications

Alma W. Barksdale, Chm., 1965
J. L. Lowe
K. B. Raper

Committee on Publication of Memorials

Editor-in-Chief of MYCOLOGIA, C. T. Rogerson
Historian of the Society, C. T. Rogerson
President of the Society, C. W. Hesseltine

Committee on the Annual Lecturer

R. Emerson, Chm., 1965
C. J. Alexopoulos
L. S. Olive

Committee on Sustaining Memberships

J. A. Schmitt, Jr., Chm., 1964
K. H. McKnight
J. M. McGuire
R. A. Paterson
W. W. Scott
A. H. Smith
B. S. Beneke
D. Gottlieb
W. D. Gray
P. R. Harding, Jr.
C. L. Kramer
M. A. Espenshade
VI. THE ANNUAL MEETING AND FORAY -- 1963

University of Massachusetts
Amherst, Massachusetts

The Society held its 30th annual meeting with other member societies of AIBS on the campus of the University of Massachusetts, August 27-30. H. A. McKenzie handled the needs of the Society by acting as our representative in all local program and meeting arrangements. The annual foray, held August 24-26, was planned and managed by H. E. and Margaret (Barr) Bigelow.

About 60 papers were presented in the programs of the Mycological Society and in a joint session with the Microbiological Section of the Botanical Society. The Society also met in joint session with the Microbiological Section of the Botanical Society for a Symposium: Versatility among the Fungi, M. S. Fuller presiding, with speakers R. Emerson, H. C. Whisler, T. W. Johnson, and P. Cook.

Dr. Barnett delivered his presidential address under the title "Mycoparasitism". The 11th Annual Lecture of NSA was presented by K. B. Raper, who used as his subject "Patterns of Aggregation and Differentiation in the Acrasiaeae".

VII. MYCOLOGIA

It is fitting to bring to the attention of the Society the fact that the November-December 1963 issue of MYCOLOGIA (vol. 55, no. 6) was distributed in December 1963, thus marking the return of the editing and publishing of our official journal to a completely normal schedule.

Dr. Rogerson, in his double role as Editor-in-Chief and Managing Editor of MYCOLOGIA, wishes to present at this time a notice on page charges for MYCOLOGIA and a call for volunteers to cooperate in the preparation of a proposed Cumulative Index to volumes 1-55 of MYCOLOGIA. The system of page charges, approved by Council and membership at the annual meeting, August 1963, is described below. The call for volunteers on the 55-year Index is appended as a separate page of this issue of the NEWSLETTER.

Page Charges for MYCOLOGIA

The increasing cost of printing research articles in MYCOLOGIA will necessitate decreased numbers of pages in each volume. It once was possible for a society and a nonprofit institution to produce a journal of high quality with dues paid solely by members and from subscription sales. This can be done now only by increasing dues and subscriptions substantially. An alternative method for obtaining additional funds is "page charges".

Many serials, particularly in physiology and physics, also BRITTONIA and ECONOMIC BOTANY, now are published with the aid of "page charges". That is, the institution with which a contributor is associated, or the sponsor of his research, is asked to
subsidize the publication of his article, the amount requested depending upon the number of pages in the article. The charge may amount to the total cost of publication of the article or any fraction thereof.

Scientific policy representatives of Federal agencies, stimulated by the National Science Foundation, have established a policy for honoring "page charges" for research papers which report work supported by the Federal Government. "Page charges" must be levied impartially on all research papers published by the journal; payment of such charges must in no sense be a condition for acceptance of manuscripts by the journal; the journal must not be operated for profit.

The New York Botanical Garden is instituting the "page-charge" system with Volume 56, May-June issue, 1964, of MYCOLOGIA. The method that has proved successful for other societies is as follows:

Editorial practices remain unchanged. Each article submitted is accepted or rejected on its merits without reference to costs except for the already established policy limiting the size of articles or the proportion of illustrations. Accepted articles are sent to the printer as in the past.

With the galley-proof the author receives the usual order-blank for reprints and a form for authorization of "page charges".

The author fills in on this latter form the data that identify the article and forwards the form to the head of his department or director of his institution, who signs it and returns it to the publisher. The author has nothing further to do with it. The publisher bills the institution upon publication.

The department head or other administrative officer signs the authorization of payment, or indicates that payment cannot be made. The editor is not concerned with this at any time; the paper is already accepted and in type before the question of payment arises, and it will be published regardless of the action of the administration.

Experience of other societies has shown that a fair proportion (up to 90 per cent) of such requests for payment is honored.

For the present the charge per page of MYCOLOGIA is $15; this is not equal to the cost of publication. Authors who wish to have papers published of more than the usual length or with more than the usual number of illustrations or to have illustrations produced by other than the usual means may be asked to subsidize, as in the past, the entire cost of the pages or illustrations in question. This policy constitutes "excess or extra page charges." Authors to whom grants have been made that include funds for publication will proceed as in the past (usually by preliminary negotiation with the editor for excess pages). If such assistance amounts to $15 per page, no request for "page charges" will be made, and the author will discard any authorization form that he may receive.

Clark T. Rogerson
Managing Editor, MYCOLOGIA

VIII. THE 1964 FORAY — Tentative Arrangements

The Mycological Society will meet with the AIHS at Boulder, Colorado, in late August 1964. Our mycological foray will be held there during the two or three days immediately preceding the annual meeting. Dr. Sam Shushan, Dept. of Biology, University of Colorado, Boulder, has kindly agreed to cooperate with Dr. J. Walton Groves, MSA Vice-President, in making plans and arrangements for the foray. Facilities for examining and caring for specimens will be available. Details of final arrangements will be published in the spring issue of the NEWSLETTER.
IX. MEMBERSHIP

As of December 31, 1963, the membership of the Society, including applications on hand to be presented for election at the annual business meeting in August, 1964, was constituted as follows:

Life Members ................................................................................................................................. 8
Regular Members ........................................................................................................................... 892

Alabama 5 Minnesota 18 Virginia 17 Greece 2
Alaska 1 Mississippi 4 Washington 14 Honduras 1
Arizona 6 Missouri 3 West Virginia 13 Hong Kong 1
Arkansas 4 Montana 1 Wisconsin 21 India 12
California 77 Nebraska 3 Wyoming 3 Indonesia 2
Colorado 9 Nevada 0 Ireland 1
Connecticut 14 New Hampshire 2 Argentina 2 Israel 3
Delaware 2 New Jersey 25 Australia 5 Italy 1
Dist. Columbia 14 New Mexico 0 Belgium 3 Japan 10
Florida 18 New York 70 Brazil 6 Mexico 3
Georgia 17 No. Carolina 20 Canada 67 Netherlands 2
Hawaii 5 No. Dakota 2 Chile 2 Norway 2
Idaho 3 Ohio 23 China 1 Pakistan 1
Illinois 40 Oklahoma 7 Colombia 1 Philippines 3
Indiana 16 Oregon 12 Costa Rica 2 Poland 1
Iowa 13 Pennsylvania 27 Czechoslovakia 1 Portugal 2
Kansas 13 Rhode Island 8 Denmark 1 Puerto Rico 7
Kentucky 3 So. Carolina 6 Egypt 1 Scotland 2
Louisiana 17 So. Dakota 3 El Salvador 1 South Africa 3
Maine 5 Tennessee 7 England 11 Sweden 5
Maryland 31 Texas 21 Finland 1 Switzerland 2
Massachusetts 28 Utah 8 France 3 Yugoslavia 1
Michigan 31 Vermont 2 Germany 2

Associate Members ...................................................................................................................... 58
Emeritus Members .......................................................................................................................... 16
Corresponding Members .............................................................................................................. 1
Sustaining Members ...................................................................................................................... 26
Affiliated Societies ........................................................................................................................ 6

Boston Mycological Club
Cercle des Mycologues Amateurs de Quebec
Mycological Society of San Francisco
New York Mycological Society
Oregon Mycological Society
People-to-People Committee on Fungi

Total ............................................................................................................................................. 1007

New Members

At the business meeting of the Society held at the University of Massachusetts, August 26, 1963, the following were elected to membership in the Mycological Society of America:

SUSTAINING

Parke, Davis & Co., Detroit, Michigan
Refined Syrups & Sugars, Inc., Yonkers, New York
Wallerstein Co., Staten Island, New York
EMERITUS

Ernest A. Atwell, Ottawa, Ont., Canada
Frank B. Cotner, Bozeman, Montana
David R. Sumstine, Pittsburgh, Pennsylvania

LIFE

Heinz Kern, Zürich, Switzerland

REGULAR

Miss Punugu Adilakshamamma, New Orleans, La.; Syed I. Ahmed, Toronto, Ont., Canada;
Henry C. Aldrich, Austin, Texas; Dr. Eduardo Angel G., New Orleans, La.; Dr. Minoru
Aragaki, Honolulu, Hawaii; James A. Baker, El Paso, Texas; Robert E. Baldwin, Painter, Va.;
Srikrisna Ballal, Knoxville, Tenn.; Dr. Walter M. Banfield, Amherst, Mass.; Dr. Elton R.
Barrett, Monroe, La.; Prof. George L. Barron, Guelph, Ont., Canada; Dr. Allan B. Bartlett,
Orlando, Fla.; Mrs. Virginia L. Bavendam, Springfield, Ohio; Maria Esther Belaval,
Santurce, Puerto Rico; Robert G. Berger, Jr., Ithaca, N. Y.; Dr. Huey I. Borders, Port
Lauderdale, Fla.; Dr. Alice M. Boyle, Tucson, Ariz.; Dr. Carl W. Bretzloff, Wheaton, Ill.;
Dr. Michael P. Britton, Urbana, Ill.; Oswald D. R. Brown, Bellflower, Calif.; Harold H.
Burdeall, Jr., Ithaca, N. Y.; Dr. Richard John Campana, Orono, Maine; A. Ralph Cavaliere,
Durham, N. C.; Marjorie Ann Christiansen, Ithaca, N. Y.; Dr. Isadore Cohen, Springfield,
Mass.; W. Michael Colt, Davis, Calif.; John L. Converse, Frederick, Md.; Elmer E. Davis,
Washington, D. C.; James J. Deploey, Buffalo, N. Y.; Mrs. Mary Ruth Henney, Austin, Texas;
Teofila Herrera-Suarez, Mexico, D.F.; Mexico; Dr. Annette Hervey, New York, N. Y.; Calvin E. Higgens, Indianapolis,
Ind.; Dr. Hal H. Hilt, Urbana, Ill.; Dr. Alfred D. Hoadley, Napoleon, Ohio; Don Howe,
Atlanta, Texas; Dr. Henry B. Howe, Jr., Athens, Ga.; Virgil K. Howe, Ames, Iowa; Dr. Donald
Huffmann, Fella, Iowa; Dr. Frederick F. Jewell, Gulfport, Miss.; Dr. Abraham Z. Joffe,
Jerusalem, Israel; Dr. John R. Keller, South Orange, N. J.; James W. Kimbrough, Ithaca,
N. Y.; Dr. William A. Kreutzer, Fort Collins, Colo.; John C. Krug, Toronto, Ont., Canada;
Dr. Martin M. Kulik, Beltsville, Md.; Michael J. Larsen, Syracuse, N. Y.; W. Edgar
Leedy, Jr., Wheeling, West Virginia; Walter Litten, Rochester, N. Y.; Larry J. Littlefield,
St. Paul, Minn.; Felix L. Lukezic, Davis, Calif.; Dr. James A. Lyle, Auburn, Ala.

Dr. Zofia Maciejowska, Reguly, Poland; Dr. D. W. R. Mackenzie, Belfast, N. Ireland;
Dr. Donald H. MacLeod, Sault Ste. Marie, Ont., Canada; A. Mahadevan, Lafayette, Ind.;
Merle E. Marriott, Logan, Utah; Dr. Paul B. Marsh, Beltsville, Md.; Philip M. D. Martin,
Los Angeles, Calif.; Dr. Merle E. Michaelson, St. Cloud, Minn.; Dr. Lawrence P. Miller,
Yonkers, N. Y.; Allen C. Nelson, Madison, Wis.; Richard A. Nolan, Berkeley, Calif.;
Dr. J. A. B. Nolla, Mayaguez, Puerto Rico; Dr. F. Pern Och, Columbus, Ohio; Paul D. Olexia,
Buffalo, N. Y.; Madan M. Pandila, Syracuse, N. Y.; Dr. Arthur D. Partridge, Moscow, Idaho;
H. S. Pepin, Vancouver, B. C., Canada; Harriet A. Peters, Ann Arbor, Mich.; Dr. Joseph L.
Peterson, New Brunswick, N. J.; Dr. Robert W. Powell, Jr., Spartanburg, S. C.; David
Punter, Maple, Ont., Canada; Charles R. Quillin, Providence, R. I.; Patricia Sullivan
Reisert, Providence, R. I.; Dr. Earl G. Ruppel, Mayaguez, Puerto Rico; Dr. K. M. Safeeulla,
Pullman, Wash.; Dr. Earl John Savage, Notre Dame, Ind.; Edmund A. Schofield, Jr.,
Worcester, Mass.; Marvin N. Schwalb, Buffalo, N. Y.; Dr. George Semeniuk, Brookings, S. D.

ASSOCIATE


AFFILIATE

The New York Mycological Society: New York, New York; People-to-People Committee on Fungi: Portsmouth, Ohio.

DECEASED MEMBERS

Agathe Louise van Beverwijk died suddenly in July 1963 after a very brief illness while on vacation. Miss van Beverwijk for several years was mycologist-collaborator and from 1958 to the time of her death was Directrice of the Centraalbureau voor Schimmelcultures, Baarn, Netherlands. [1907-1963]

Prof. Dr. Ernst Albert Gümpp died in December 1963 after a continuing illness of several months. Professor Gümpp was for many years the director of the Institut für spezielle Botanik, Eidgenössische Technische Hochschule, Zürich, Switzerland. [1893-1963]

Dr. Robert Marvin Johns, recently on the teaching staff of the Department of Botany, Indiana University, Bloomington, Indiana; age 35. [Notice just received without details.]

Total membership in the Society has increased from 816 at this time a year ago to the current 1007, with new applications arriving almost daily. Formal application blanks are available from the newly-appointed Chairman of the Membership Committee, Dr. John E. Peterson, Department of Botany, University of Missouri, Columbia, Mo., or from the Secretary of the Society. Each of the last two pages of this issue of the NEWSLETTER contains a form which also may be used in application to the Society for membership.
X. SUSTAINING MEMBERS OF THE MYCOLOGICAL SOCIETY

Funds received from Sustaining Members provide for the Mycological Society Graduate Fellowship and the Annual Lecturer; we are extremely grateful for this support. These organizations are listed below in alphabetical order. Patronize them and let their representatives know of our appreciation whenever possible.

ABBOTT LABORATORIES
Pharmaceutical products for the medical profession since 1888
North Chicago, Illinois

Baltimore Biological Laboratory, Inc.
A division of Becton, Dickinson and Company
Products for the microbiological laboratory

BIOFERM CORPORATION
Subsidiary of International Minerals Chemical Corporation
Wasco, California

BUCKMAN LABORATORIES, INC.
Industrial microorganism control specialists
Memphis 8, Tennessee

BUTLER COUNTY MUSHROOM FARM
West Winfield, Pennsylvania

CIBA PHARMACEUTICAL PRODUCTS, INC.
In the service of medical science
Summit, New Jersey

CONсолIDATED LABORATORIES, INC.
COLAB and OXOID Products for the Laboratory
Chicago Heights, Illinois

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XI. PUBLICATIONS

Publications Offered for Sale or Otherwise Available


Cunningham, G. H. The Gasteromycetes of Australia and New Zealand. Several copies are reported to be available through the administrator of Dr. Cunningham's estate: Dr. E. E. Chamberlain, Plant Diseases Division, Private Bag, Auckland, New Zealand. About $9.50 including postage.


Lloyd, C. G. Assorted issues of mycological writings (9 issues for $10.00) available from Mr. V. P. Tewari, Plant Pathology Dept., Agriculture College, Banaras Hindu University, Varanasi-5, U. P., India.

Morris, Everett F. The Synnematous Genera of the Fungi Imperfecti. Western Illinois Univ. Ser. Biol. Sci. no. 3, 1963. A copy was sent to each MSA member listed in the NEWSLETTER of June 1962. Additional free copies are available upon request to the author: Dept. of Biological Sciences, Western Illinois University, Macomb, Ill.

A collection of several hundred reprints dealing with the Aquatic Phycomycetes is available to any interested party free of charge. Address Dr. Libero Ajelllo, Chief, Mycology and Parasitology Section, Communicable Disease Center, Atlanta 22, Ga.

Reprints on Emmonsia and a bibliography on the same genus are available from Dr. William L. Jellison, 50th S. 3rd St., Hamilton, Mont. 59840.

Approximately 10 linear shelf feet of mycological and related botanical reprints are for sale. Correspondence is invited by Dr. George T. Johnson, Dept. of Botany and Bacteriology, University of Arkansas, Fayetteville, Arkansas.

Mushroom Science V, The Proceedings of the Fifth International Mushroom Congress held in Philadelphia in November 1962, is now available at a cost of $5.75 from The American Mushroom Institute, Box 373, Kennett Square, Pa. This 611 pp. book, published through the courtesy of Campbell Soup Co., contains among other items the complete texts of the 58 papers presented.

Miscellaneous issues and a few complete volumes are available in broken runs of LLOYDIA (vols. 5-19), PHYTOPATHOLOGY (vols. 2, 10-12), and AMERICAN JOURNAL OF BOTANY (vols. 36-37). Price is original publication price plus postage. For specific issues available, contact Dr. George F. Weber, 406 Rolfs Hall, University of Florida, Gainesville, Florida.
Publications Wanted

Annals of the Phytopathological Society of Japan. The Librarian of the Commonwealth Mycological Institute, Ferry Lane, Kew, Surrey, England, is anxious to obtain by purchase, loan, exchange, gift, or microfilm a copy of these Annals, vol. 3, parts 2-4, with title-page and index, and she would be most grateful for any information or suggestions leading to the location of this item. (G. C. Ainsworth)

Bonner, J. T. The Cellular Slime Moulds. Robert G. Franke, Dept. of Botany, University of Texas, Austin, Texas.


Smith, A. H. Mushrooms in Their Natural Habitats. Dr. Alexander H. Smith, University Herbarium, University of Michigan, Ann Arbor, Michigan.


[? = Une nouvelle maladie des raisins, 1. c.] Prof. A. E. de Are†a Leão, Instituto Oswaldo Cruz, Caixa Postal, 926-ZC-00, Rio de Janeiro, Brazil.


XII. RESEARCH MATERIALS

Notices of the availability of cultures of unusual fungi particularly suitable for teaching purposes or for special types of research are acceptable for the NEWSLETTER from those who are willing to distribute them. Requests for cultures of fungi (not available from the ATCC) and of other research materials also are acceptable for this section.

Cultures or Materials Available for Distribution

1. Fusicladium effusum Wint. -- Dr. George L. Barnes, Dept. Botany and Plant Pathology, Oklahoma State University, Stillwater, Okla.
2. Representatives of a number of rare or unusual genera of Hyphomycetes from soil are available. -- Dr. George L. Barron, Botany Department, Ontario Agricultural College, Guelph, Ont., Canada.

3. A collection of isolates of Fomes annosus from various hosts and geographical regions of the world is being maintained at the School of Forestry at Yale University. -- Dr. Ellis B. Cowling, Yale Univ. School of Forestry, 370 Prospect St., New Haven, Conn.

4. Class study material of Pezizales is available in exchange for locally abundant members of that order. -- Dr. William C. Denison, Dept. of Biology, Swarthmore College, Swarthmore, Penna.

5. Microsporum nanum isolates from swine. -- Dr. Lucille K. Georg, Mycology Unit, Communicable Disease Center, Atlanta 22, Georgia.

6. Candida slooffii, strains of Candida bovina with partial requirements for choline and carnitine. -- S. H. Hutner, Haskins Laboratories, 305 E. 43rd St., New York 17, N. Y.

7. Preserved animal material of Emmonsia from North America, Europe, and Argentina. -- Dr. W. L. Jellison, 50th S. 3rd St., Hamilton, Mont. 59840.


9. Some members of the People-to-People Committee on Fungi are willing to collect fleshy fungi on request. -- Harry Knighton, Chem., Committee on Fungi, 1721 Grandview, Portsmouth, Ohio.


Cultures, Materials, or Information Wanted

1. Freshly collected specimens of the lichen Cora pavonia. -- Prof. Vernon Ahmadjian, Clark University, Worcester 10, Mass.

2. Any species of the genus Nocardia. -- Dr. Yousef Al-Doory, Dept. of Health, Room 909, 125 Worth Street, New York 13, N. Y.

3. Species of Leptosphaeria. -- Dr. C. J. Anastasiou, Dept. of Biology and Botany, Univ. of British Columbia, Vancouver 8, B. C., Canada.

4. Determined strains of Micromonospora and Streptomycyes. -- Dr. A. E. de Arêa Leã, Instituto Oswaldo Cruz, Caixa Postal, 926—20—60, Rio de Janeiro, Brazil.

5. Cultures of isolates belonging to the Aspergillus flavus—oryzae series from any source, for use in studies on toxin—producing strains. -- P. K. C. Austrick, Central Veterinary Laboratory, Weybridge, Surrey, England.

6. Isolates of Fusicladium effusum obtained from various varieties of pecan trees. -- Dr. George L. Barnes, Dept. Botany and Plant Pathology, Oklahoma State University, Stillwater, Okla.

7. Stachybotrys (incl. Memnoniella and Hyalostachybotrys); Chloridium (sensu Hughes, incl. Bispoporomycetes and Cirrhomyces); rare or unusual Hyphomycetes from soil anywhere. -- George L. Barron, Botany Dept., Ontario Agricultural College, Guelph, Ont., Canada.
8. Dried specimens of Polyporus officinalis. -- Dr. J. M. Bauchet, 4450 St. Hubert St., Montreal 34, Que., Canada.

9. Armillaria mellea single sporings with data on the parent sporophore if possible. -- Harold H. Burdsall, Jr., Dept. of Plant Pathology, Cornell University, Ithaca, N. Y.

10. Specimens of Pezizales from Mexico and Central America. -- Dr. William C. Denison, Dept. of Biology, Swarthmore College, Swarthmore, Penna.

11. Any homothallic (primary or secondary) Basidiomycetes with clamp connections; any homothallic Saprolegniaceae whose oospores are known to germinate, preferably Thraustotheca primoachlya. -- Dr. Stanley Dick, Biological Laboratories, Harvard Univ., 16 Divinity Ave., Cambridge 38, Mass.

12. Large amounts of Fuligo septica spores for research project; would like to have pertinent collection data. -- Robert G. Franke, Dept. of Botany, Univ. of Texas, Austin, Texas.

13. Cultures or fresh material of Hypoxylon pruinatum or H. mammatum. -- Prof. David W. French, Dept. of Plant Pathology & Physiology, Univ. of Minnesota, St. Paul, Minnesota. 55101.


15. Any recent collections of Pucciniastrum vaccinii (Wint.) Jörest. (P. purpurea (Schum.) Arth.) on any ericaceous plants; any rusts on Tsuga spp. -- Dr. Yasuyuki Hiratsuka, Forest Entomology & Pathology Lab., 409 Federal Bldg., Victoria, B. C., Canada.

16. Cultures of Aspergillus flavus producing toxins from groundnuts or other sources. -- Dr. Abraham Z. Joffe, Dept. of Botany, Hebrew Univ. of Jerusalem, Jerusalem, Israel.

17. Rhizoctonia. -- Dr. E. Silver Keeping, Dept. of Genetics, Univ. of Alberta, Edmonton, Canada.

18. Cultures of any fungi which fruit when stimulated by light. -- Dr. Charles M. Leach, Dept. of Botany & Plant Pathology, Oregon State Univ., Corvallis, Oregon.

19. Recently isolated strains of Nocardia asteroides and N. brasiliensis. -- Dr. N. M. McClung, Dept. of Bacteriology, Univ. of Georgia, Athens, Ga.

20. Specimens of Discina, particularly from Western U. S. -- Dr. Kent H. McKnight, Dept. of Botany, Brigham Young Univ., Provo, Utah.

21. Cultures of Tuber melanosporus and T. magnatum, spore cultures preferred but tissue cultures acceptable. Sources of the antitoxin for Amanita phalloides, with the idea of serving as a supply center for the area. -- Mycological Society of San Francisco, Josephine D. Randall Junior Museum, Roosevelt Way & 16th Street, San Francisco, Calif.

22. Species of Gymnoascaceae; cultures of Anixiopsis and Aphanoascus. -- Dr. G. F. Orr, Biological Div., Dugway Proving Ground, Dugway, Utah. 84022.

23. Any member of Curvularia, particularly those isolated from soil. -- Prof. Francis V. Ranzoni, Dept. of Plant Science, Vassar College, Poughkeepsie, N. Y.
24. Cultures of any species of Cryptospora and Cryptosporella; also collections of species of these genera, either on loan or exchange. -- Dr. James Reid, Laboratory of Forest Pathology, R. R. #2, Maple, Ont., Canada.

25. New records of occurrence of Cephaloascus fragrans Han. (Ascochyta grovesii Wells) in log material. -- Jack W. Roff, Forest Products Laboratory, 3620 N. W. Marine Drive, Vancouver 8, B. C., Canada.


27. Fungi pathogenic for insects. -- Dr. Martin H. Rogoff, Bioform Division, I. M. C., Wasco, Calif.

28. Germinated teliospores of Puccinia graminis showing basidiospores (slides) or material from which slides can be prepared. -- Prof. Eugene W. Smith, Aquinas College, 1607 Robinson Rd., S.E., Grand Rapids, Mich.

29. Cultures of operculate discomycetes from Western U. S. -- Edmund E. Tylutki, Dept. of Biological Sciences, Univ. of Idaho, Moscow, Idaho.

30. Teaching material of fleshy genera, Myxomycetes, and other groups for a new course being developed. -- Dr. Marvin D. Whitehead, Division of Science and Mathematics, Georgia Southern College, Statesboro, Georgia.

XIII. MAJOR RESEARCH PROJECTS

Albert Einstein College of Medicine, Dept. of Microbiol. & Immunol., New York, N. Y.

A study of the interaction of X-ray and visible radiation on Neurospora crassa; a cooperative project of Dr. R. M. Klein, New York Botanical Garden, and Dr. Deana T. Klein. -- D. T. Klein.


The effects of an orbiting satellite flight (BIO) on light emission of luminescent fungi and on the rhythmicity of Neurospora "clock" mutants and Schizophyllum "clocks"; for NASA. -- Martha D. Berliner.


Studies on the agaric flora of Uttar Pradesh, India; studies on the lignicolous Pyrenomycetes of Uttar Pradesh; studies on Asian Discomycetes, in collaboration with Dr. R. P. Korf, Cornell Univ. -- V. P. Tewari.

Brooklyn College, Biology Dept., Brooklyn, N. Y.


Nutrition of the cultivated mushroom. -- C. W. Bretzloff.

Clark Univ., Dept. of Biology, Worcester, Mass.

"Cultural Study of Antarctic Lichen Fungi", under an NSF Grant to Mr. Edmund A. Schofield and Dr. V. Ahmadjian. Dr. Ahmadjian recently returned from Antarctica where he accompanied Mr. Schofield. Mr. Schofield will remain there until Feb. 1964, visiting different parts of Antarctica to collect lichens and isolating into pure culture the fungal components and some of the algal partners. The cultures will be brought back to Clark Univ. where the basic nutritional and environmental requirements and cultural characteristics will be studied and compared with those of isolates from other climatic regions. -- V. Ahmadjian.

Several projects on soil fungi; the Neotobiotic Laboratory carries projects on fungi under strictly controlled environments; electron microscope studies on the fine structure of fungi. -- L. W. Durrell.

Communicable Disease Center, Mycology Unit, Atlanta, Georgia.

Development of specific antigens for serological tests for histoplasmosis and cryptococcosis. -- Lucille K. Georg.

Duke Univ., Dept. of Botany, Durham, N. C.

Ascocarp wall structure in marine and freshwater Ascomycetes; histochemistry of spores in marine Ascomycetes. -- T. W. Johnson, Jr.

Haskins Laboratories, New York, N. Y.

Development of the enteric thermophilic yeast *Candida* *slooffii* as a tool for chemotherapeutic research. -- S. H. Hutner.

Hebrew Univ. of Jerusalem, Dept. of Botany, Jerusalem, Israel.

Biology of *Aspergillus* *flavus* Link and its infectivity to plants and animals (USDA Grant); review of the Fusarium flora of Israel. -- A. Z. Joffe.

Instituto Oswaldo Cruz, Rio de Janeiro, Brazil.

Studies of strains of *Paracoccidioides brasiliensis*, *Streptomyces*, black yeasts, and dermatophytes; study of a new substance in treatment of cancer. -- A. E. de Arega Leão.

Laboratory of Forest Pathology, Maple, Ont., Canada.

Taxonomic studies of blue-stain fungi in Ontario. -- H. D. Griffin.

Taxonomic and cultural studies on the genera *Cryptospora* and *Cryptosporella*. -- J. Reid.


The nutritional requirements of several species of *Boletus*. -- E. S. Beneke.


The Society, in conjunction with Dr. Harry Thiers, San Francisco State College, is developing a study guide to mushrooms of the Bay Area, intended to be of value to the amateur and students.

Ohio State Univ., Dept. of Botany & Plant Path., Columbus, Ohio.

Continuation of genetic studies of *Coprinus*. -- P. R. Day.


Oklahoma State Univ., Dept. of Botany & Plant Path., Stillwater, Okla.


Ontario Agricultural Coll., Botany Dept., Guelph, Ont., Canada.

Mitotic and meiotic recombination in *Aspergillus amstelodami*; parasexual phenomena and strain hybridization in the *Penicillium cyclopium/F. viridicatum* species complex; Fungi Imperfecti from soils. -- G. L. Barron.

Oregon State Univ., Dept. of Botany & Plant Path., Corvallis, Ore.

Mechanism of light-induced reproduction in fungi. -- C. M. Leach.


Taxonomy and physiology of thermophilic molds and actinomycetes. -- C. L. Fergus.
The nature of cellulose decomposition by *Aspergillus niger*, by *Pythium spp.*, and by mucoraceous fungi; factors affecting the production of cellulase by various fungi and the different kinds of effects which such cellulases have on cotton fibers. -- P. B. Marsh.

Purdue Univ., Dept. of Biochemistry, West Lafayette, Ind.
Biochemical basis for resistance and susceptibility. -- A. Mahadevan.

St. John's Univ., Dept. of Biology, Jamaica, N. Y.

State Univ. of New York at Buffalo, Dept. of Biology, Buffalo, N. Y.
The genetic control of indigotin biosynthesis; inhibition of spore germinating growth by ammonium ion; rates of nuclear migration in dimon matings. -- P. G. Miles.

Swarthmore College, Dept. of Biology, Swarthmore, Pa.
A systematic study of the Pezizales of Central America. -- W. C. Denison.

Univ. of Alberta, Dept. of Genetics, Edmonton, Alta., Canada.
Fungal mitosis and meiosis, by staff incl. J. Weijes, A. Koopmans, D. C. Withon, C. Person, and E. S. Keeping. -- E. S. Keeping.

Univ. of British Columbia, Dept. of Biology & Botany, Vancouver, B. C., Canada.
Fungi occurring in alkali lakes; tropical marine fungi. -- C. J. Anastasiou.

Univ. of California, Dept. of Plant Pathology, Davis, Calif.

Univ. of California, Dept. of Medical Microbiol. & Immunol., School of Medicine, Los Angeles, Calif.
The intracellular behavior of *Histoplasma capsulatum*. -- D. H. Howard.

Univ. of Chicago, Dept. of Medicine, Chicago, Ill.
Physiologic basis of dimorphism; collagenase activity of pathogenic fungi. -- J. W. Rippon.

Univ. of Colorado, Biological Sciences Curriculum Study, Boulder, Colo.
Survival of slime molds during the winter in alpine and subalpine environments. -- J. L. Koevenig.

Univ. of Florida, Agric. Expt. Sta., Plantation Field Lab., Fort Lauderdale, Fla.
Root rots and soil-borne diseases of vegetable crops grown in the sandy soils of the Lower Florida East Coast; soil-borne and foliage diseases of turf grasses in the Lower Florida East Coast; diseases of ornamental crops of southern Florida. -- H. I. Borders.

Univ. of Georgia, Dept. of Bacteriology, Athens, Ga.
The lipids of *Nocardia spp.*; factors influencing sexual reproduction in keratinophilic fungi. -- N. M. McClung.

Univ. of Hawaii, Dept. of Plant Pathology, Honolulu, Hawaii.

Univ. of Houston, Dept. of Biology, Houston, Texas.
The genetic and molecular mechanisms of cell agglutination and mating type in *Hansenula wingei*. -- P. Snider.
Univ. of Miami, Institute of Marine Science, Miami, Fla.
Mycological investigations of turtle grass, Thalassia testudinum; field studies to assess the significance of fungal infestation of turtle grass; analysis of fungus-nematode associations within the marine plant community; physiologic studies of various thalassiomycetes. -- S. P. Meyers.

Univ. of North Carolina at Greensboro, Dept. of Biology, Greensboro, N. C.
Studies on the cytology of Erysiphe cichoracearum (Annu. Phil. Soc. Grant); growth of host plant callus in an attempt to infect such tissue with mildew. -- R. M. Morrison.

Univ. do Recife, Instituto de Micologia, Pernambuco, Brazil.
Soil mycology, assessing the dynamic action of soil fungi on compounds of S, P, Mn, and N; the synergic effect between fungi and bacteria in relation to the delimitation of certain plant species on forest soils. -- A. C. Batista.

Washington State Univ., Dept. of Forestry, Pullman, Wash.
Life cycles of lignicolous Ascomycetes with special emphasis on cytology. -- J. D. Rogers.

Washington State Univ., Dept. of Plant Pathology, Pullman, Wash.
Problems of spore germination in the Ustilaginales, under NSF Grant to Dr. R. Duran. -- C. G. Shaw.

Yale Univ., Forestry School, New Haven, Conn.
Autolysis in fungi (would appreciate receiving references to or reprints of work in this area). -- J. H. Ginns.

XIV. MYCOLOGICAL INSTRUCTION, SUMMER OF 1964, AND NEW COURSES

Brooklyn College
Advanced Mycology, in Spring Semester 1964, given by Dr. S. Goldstein.
(Dr. Solomon Goldstein, Biology Dept., Brooklyn College, Brooklyn 10, N. Y.)

Colorado State University
Mycology I, II, III, under Dr. Ralph Baker; Special Problems, Mycology, under Dr. L. W. Durrell. (Dr. L. W. Durrell, Dept. of Botany & Plant Pathology, Colorado State Univ., Ft. Collins, Colo.)

Communicable Disease Center
Three courses in Medical Mycology are presented each year at the C.D.C.: Laboratory Methods in Medical Mycology (4 wks.); Laboratory Methods in the Study of Pulmonary Mycoses (2 wks.); and Laboratory Diagnostic Methods in Veterinary Mycology. For further details obtain Training Bulletin by contacting Dr. Lucille K. Georg, Mycology Unit, Communicable Disease Center, Atlanta, Ga., 30333.

Duke University Marine Laboratory, Beaufort, N. C.
Research on ecology and developmental morphology of marine fungi. (Prof. T. W. Johnson, Dept. of Botany, Duke Univ., Durham, N. C.)

Hebrew University of Jerusalem
Elementary mycology now is being taught as part of the general botanical syllabus. A course in advanced mycology is offered to students of the third to fifth year. (Dr. Abraham Z. Jofe, Dept. of Botany, Hebrew Univ. of Jerusalem, Jerusalem, Israel)
Instituto Oswaldo Cruz

A course in Medical Mycology is to be offered in the summer of 1964. (Prof. A. E. de Araújo Leão, Instituto Oswaldo Cruz, C.P. 926-ZC-00, Rio de Janeiro, Brazil)

Ohio State University

A graduate seminar in lichenology will be offered by Dr. E. D. Rudolph during the Spring Quarter, 1964; a Fungal Genetics course will be given by Dr. P. R. Day during 1964-65. (Prof. John A. Schmitt, Dept. of Botany & Plant Pathology, Ohio State Univ., 1735 Neil Avenue, Columbus, Ohio 43210)

Oklahoma State University

Courses now being offered include Mycology (in Dept. of Botany & Plant Pathology) and Medical Mycology (in Dept. of Microbiology). (Dr. George L. Barnes, Dept. of Botany & Plant Pathology, Oklahoma State Univ., Stillwater, Okla.)

St. John's University

A Research Participation Program for high school science teachers (with master's degree or appropriate advanced background) is being sponsored by the National Science Foundation July 6--August 23, 1964. The research project available in microbiology will emphasize metabolism of molds. Information and application forms: Dr. Paul T. Medici, Director Research Participation Program, St. John's Univ., Jamaica 32, N. Y.

Swarthmore College

Introductory Mycology will be among the offerings in the Fall 1964. (Dr. W. C. Danison, Dept. of Biology, Swarthmore Coll., Swarthmore, Pa.)

University of Houston

The Spring 1964 course in Advanced Genetics will be on Fungal Genetics. (Prof. Philip Snider, Dept. of Biology, Univ. of Houston, Houston, Texas 77004)

University of Michigan Biological Station, Douglas Lake, Mich.

Summer 1964 offerings include Aquatic Phycomycetes (Prof. F. K. Sparrow) and beginning and advanced work on the taxonomy and ecology of the fleshy fungi (Dr. R. L. Shaffer). Facilities also are available for investigators. For information on the Station and its program write: Dr. A. H. Stockard, Director, Univ. of Mich., Biological Station, 2129 Natural Science Bldg., Univ. of Michigan, Ann Arbor, Mich.

University of Minnesota Biological Station, Itasca Park, Minn.

Introductory Mycology will be offered June 15--August 1, 1964. (Prof. David W. French, Dept. of Plant Pathology & Physiology, Univ. of Minnesota, St. Paul, Minn. 55101)

Universidad do Recife

Soil Microbiology. (Prof. A. Chaves Batista, Instituto de Micologia, Univ. do Recife, Av. Rosa e Silva 347, Pernambuco, Brazil)

West Chester State College

New courses, all in the Graduate School: Winter term, Introductory Mycology; Summer 1964, Plant Pests and Diseases (6 weeks); Winter 1964-65, Applied Microbiology. (Dr. Martin A. Eschenbruch, West Chester State College, West Chester, Pa.)

XV. VACANCIES FOR MYCOLOGICALLY TRAINED PERSONNEL

Aquinas College

Opening for a mycologist who also can teach cytology and basic microtechnique. (Prof. E. W. Smith, Aquinas College, 1607 Robinson Rd., SE, Grand Rapids, Michigan.)

***also see last item p. 26.
Bioferm Division, International Mineral & Chemical
Opening available if training is in mold physiology or genetics. (Dr. Martin H. Rogoff, Bioferm Division, I.M.C., Wasco, California)

Forest Products Laboratory
Required interest in wood-inhabiting fungi, their effect on wood, interaction and reaction to toxicants, development of test techniques for forest products pathology; preferably male. (J. W. Roff, Forest Products Laboratory, Canada Dept. of Forestry, 6620 N. W. Marine Drive, Vancouver 8, B. C., Canada)

University of Miami Institute of Marine Science
Mycologists interested in the marine field for postdoctorate work should contact Dr. C. Lane, Inst. Marine Science, Univ. of Miami, Miami 19, Fla. Fellowships are available as are ample facilities for all phases of mycological study. (Dr. S. P. Meyers)

Universidad do Recife
Two vacancies exist for work in soil microbiology and on Hyphomycetes and Ascomycetes. (Prof. A. Chaves Batista, Instituto de Micologia, Univ. do Recife, Av. Rosa e Silva 317, Pernambuco, Brazil)

XVI. MYCOLOGISTS AVAILABLE FOR TEACHING OR RESEARCH POSITIONS


Mahadevan, Dr. A.: Dept. of Biochemistry, Purdue University, West Lafayette, Indiana. Interested in securing a position in basic research beginning in September 1964. Presently employed in post-doctorate research.


XVII. ASSISTANTSHIPS, FELLOWSHIPS, AND SCHOLARSHIPS IN MYCOLOGY

Brigham Young University, Dept. of Botany, Provo, Utah.
Two fellowships are available for Ph. D. candidates in mycology. Teaching assistantships for either M.S. or Ph. D. candidates in mycology. Contact Dr. Kent H. McKnight.

Duke University, Dept. of Botany, Durham, North Carolina.
Two research assistantships are available for 1964-65 (renewable). Contact Prof. T. W. Johnson, Jr.

Hebrew University, Dept. of Botany, Jerusalem, Israel.
One vacancy exists for a graduate student as of April 1964. Contact Dr. A. Z. Joffe.

Ohio State University, Dept. of Botany & Plant Pathology, 1735 Neil Ave., Columbus 10, Ohio.
Graduate assistantships are available if interest lies in M. Sc. or Ph. D. program in fungal physiology (W. D. Gray), medical mycology (J. A. Schmitt), fungal genetics (P. R. Dey), or lichenology (E. D. Rudolph). Contact: Dr. B. S. Meyer, Chairman of the Department.

Oregon State University, Dept. of Botany & Plant Pathology, Corvallis, Oregon.
An opening may become available for a Ph. D. candidate, the research to be concerned with ultrastructure of fungi in relation to reproduction. Contact Dr. C. M. Leach.

University of Alberta, Mold Herbarium & Culture Collection, Edmonton, Alta., Canada.
Openings available for M. Sc. or Ph. D. candidates interested in taxonomy or ecology of Fungi Imperfecti. Contact Dr. J. W. Carmichael.

University of California, School of Medicine, Dept. of Medical Microbiology and Immunology, Los Angeles, California.
Predoctoral traineeships are offered for students whose primary interest is in the fundamental biology of infectious agents and in the host-parasite relationship. Medical mycology, virology, bacteriology or other areas may be selected for specialization. Contact Prof. A. F. Rasmussen or Prof. D. H. Howard.

University of Hawaii, Botany Dept., Honolulu, Hawaii 96822.
Openings available. Contact Dr. C. H. Lamoureux, Chairman of Department.

University of Kansas, Dept. of Botany, Lawrence, Kansas.
Two National Defense Education Act graduate fellowships are available for study in mycology; fellowships are for three years of work leading to Ph. D.; immediate application necessary. Also available are 2 or 3 research assistantships in mycology and some teaching assistantships. Contact Dr. L. R. Batra.

Universidad do Recife, Instituto de Micologia, Av. Rosa e Silva 3187, Pernambuco, Brazil.
Openings available. Contact Prof. A. C. Batista.

Washington State University, Dept. of Plant Pathology, Pullman, Washington 99163.
Two assistantships are immediately available, one involving research on the sexuality of Urocystis cepulae and the other research on the physiology of germination in the Ustilaginales, both under the direction of Dr. R. Duran. Additional assistantships will become available in the Fall of 1964; prompt inquiry is invited from candidates holding at least a bachelor's degree with a major in one of the biological sciences. Contact either Dr. Duran or Dr. C. G. Shaw.

Vacancies for Mycologically Trained Personnel [last minute addition]
Dept. of Biological Sciences, Univ. of California, Santa Barbara, Calif. 93106.
Mycologist, experimentally oriented, begins fall term 1964. To teach mycology and microbiology portion of intro. bio. courses and to expand grad. instr. Anticipate min. Asst. Prof. at $7700. Details from Prof. Demorest Davenport, Chm., of Dept.
MYCOLOGICAL SOCIETY OF AMERICA GRADUATE FELLOWSHIP

Funds are available for awarding a Mycological Society Graduate Fellowship for the school year 1964-1965. Candidates must be predoctoral students in residence at the institution where they are registered for the Ph.D. degree. A fellow may hold additional appointments, provided that these do not involve him in excess of half-time. The amount of the award shall be $750. Application forms may be obtained from the Secretary of the Society, Emory G. Simmons, Pioneering Research Division, U. S. Army Natick Laboratories, Natick, Mass. 01762. The completed forms must reach the Chairman of the Research Grants Committee not later than 1 April 1964.

XVIII. RECENT APPOINTMENTS AND TRANSFERS

William H. Allison recently completed requirements for the Ph.D. at Pennsylvania State University and has joined the research staff of Brandywine Mushroom Corporation, West Chester, Pa.

Mauritz G. Anderson is now teaching at Towson State College, Baltimore, Md. He formerly was histologist and microscopist with Swift & Co., Chicago, Ill.

Dr. Shira Borut recently joined the staff of the Department of Botany, Hebrew University of Jerusalem, Israel, having come from the Dept. of Botany, Duke University, Durham, N. C.

Dr. Wendell H. Bragonier has been appointed Professor of Botany and Plant Pathology and Dean of the Graduate School, Colorado State University, Fort Collins, as of September 1963. For the previous 14 years he was Professor and Head of Botany and Plant Pathology, Iowa State Univ., Ames, Iowa.

Dr. Martha Christensen, for several years project associate in the mycological laboratories at the University of Wisconsin, Madison, recently accepted a position as Assistant Professor, Botany Department, Univ. of Wyoming, Laramie, where she began her duties in September 1963.

Dr. Francisco A. da Costa Barros and H. B. P. Upadhya (formerly of Banaras Hindu Univ., India) have been added to the staff of Prof. A. C. Batista, Inst. de Micologia, Univ. do Recife, Brazil.

Dr. Arif S. El-Ani has joined the mycology group at the New York State Department of Health, Div. of Laboratories and Research, Albany, as Senior Research Scientist. He formerly was with Dr. Lindsay Olive at the Dept. of Botany, Columbia Univ., New York.

Dr. W. C. Fields, with a recent Ph. D. from Wayne State Univ., Detroit, Mich., will join the genetics program with Dr. Lindsay Olive, Columbia Univ., New York, on February 1, 1964.

Harvey S. Gold is now with Velsicol Chemical Corporation, Chicago, Ill., in the field of marine microbiology.

Dr. Hans E. Gruen, formerly Research Associate of the Farlow Herbarium, left in May 1963 for a visit to Japan, having concluded his NSF-supported research project on the physiology of sporophore development in higher fungi.
Dr. James L. Koevenig of the Biological Sciences Curriculum Study also currently is teaching Advanced Biology half-time at the Univ. of Colorado, Boulder.

Dr. C. Martin, North Adams State College, Mass., currently is working with Dr. S. P. Meyers at the Institute of Marine Science, Univ. of Miami, under an NIH postdoctorate grant. Dr. Martin's studies will involve ecological and physiological investigations of marine Phycomycetes, especially parasitic forms.

Dr. P. Orpurt has returned to Manchester College, North Manchester, Ind., after spending a year with Dr. S. P. Meyers, Univ. of Miami Institute of Marine Science, on an NIH postdoctorate fellowship. Dr. Orpurt is continuing his studies of the fungi within the turtle grass community and will return to the Univ. of Miami during the summer of 1964.

Barbara Painter, formerly of the Dept. of Bacteriology, Univ. of Georgia, Athens, now is a member of the Dept. of Microbiology, Univ. of Minnesota, Minneapolis.

New staff members at the Communicable Disease Center, Atlanta, Ga., are Dr. Leo Finn in the Mycology Unit headed by Dr. Lucille Georg and Dr. Hilliard Hardin in the Laboratory Consultation and Development Section.

Dr. John W. Rippon has been appointed Asst. Professor in the Dept. of Medicine, Section of Dermatology, Univ. of Chicago, where he is teaching medical mycology and doing research on fungus diseases. He formerly was with the Dept. of Biology, Loyola Univ., Chicago, Ill.

Dr. Jan Schwarz of the Jewish Hospital, Cincinnati, Ohio, announces two additions to the staff: Dr. K. K. Sethi, from the All India Institute of Medical Science, New Delhi; and Dr. K. Salfelder, formerly Director, Dept. of Pathology, Univ. of Merida, Venezuela.

Dr. W. G. Solheim left the Univ. of Wyoming, Laramie, in August 1963 to spend a 2-year period as Chief of Party for the University's assistance program in Afghanistan. His address during this period will be: Univ. of Wyoming Research & Education Program, U. S. Operations to Afghanistan, Kabul, Afghanistan.

William G. Sorenson completed the requirements for the Ph. D. degree in mycology at the Univ. of Texas, Austin, in November 1963. He has accepted an appointment with the USDA Northern Regional Research Laboratory, Peoria, Ill.

Henry Tabak, formerly in the Bactericidal Agents Unit, Robt. A. Taft Sanitary Engineering Center, Cincinnati, Ohio, has transferred to the Fungus Studies Unit on return from a year of graduate study at the Univ. of Wisconsin. In his new position he will work on various aspects of fungus physiology, including anaerobiosis and microaerophily.

Dr. Billy D. Thyr took up a new position as plant pathologist of the Cheyenne Horticultural Field Station, Cheyenne, Wyo., in October 1963. He recently was a graduate student at Washington State Univ., Pullman.

Dr. Kenneth Wells of the Botany Dept., Univ. of California, Davis, is spending a sabbatical leave at the Instituto de Botánica, São Paulo, Brazil.

Dr. D. W. S. Westlake has transferred from the Physiology and Biochemistry of Bacteria Section, Prairie Regional Laboratory, Saskatoon, Canada, to the Mycology Section of PRL. He will continue his studies on fungal enzymes. In this new position Dr. Westlake replaces Dr. W. A. Taber, who now is Associate Professor, Dept. of Biology, A. & M. College of Texas, College Station.
Dr. Marvin D. Whitehead recently has joined the staff of the Div. of Science and Mathematics, Georgia Southern College, Statesboro, as mycologist and plant pathologist. He formerly was at Edinboro State College, Edinboro, Pa.

XIX. NEWS OF GENERAL INTEREST

Aquatic Microbiology Newsletter

Dr. S. P. Meyers, Inst. of Marine Science, Univ. of Miami, Miami, Fla., is Editor of this new newsletter (Committee on Aquatic Microbiology of the American Society for Microbiology). He would like to hear from workers in the aquatic field wishing to receive the Newsletter and to be listed on a future list of workers in this area. Dr. Meyers would like to hear in particular from individuals working on marine fungi. Reports of observed associations of fungi with marine or terrestrial metazoans will be welcome.

British Mycological Society

The Autumn Foray of the British Mycological Society will be held in Belfast 3-10 September 1964. Any member of the Mycological Society of America attending the Botanical Congress who would like to participate should write to Mr. J. C. Taylor, Dept. of Mycology and Plant Pathology, Elmwood Ave., Belfast 9, N. Ireland. Prof. G. W. Martin has been invited to the Foray as a special guest.

Committee on Sustaining Membership

This committee of the Society will appreciate receiving suggestions on potential sustaining member companies. Better still, any individual with such suggestions or appropriate contacts may become an ad hoc member of the committee with freedom to make the initial approach themselves. A list of current Sustaining Members appears on pages 13-14 of this NEWSLETTER; the same list is published in each issue of MYCOLOGIA. Suggestions or requests for information should be addressed to the Chairman of the committee, Dr. John A. Schmitt, Dept. of Botany and Plant Pathology, Ohio State University, 1735 Neil Ave., Columbus, Ohio 43210.

Fungi of Alaska

Two new members of the Society invite the interest of other members to a check-list of species they have collected in Alaska during 1958-1962. The list ranges through more than 200 species of Ascomycetes and Basidiomycetes. These two individuals are our only members in the 49th State; it is hoped that this note may lead to dissolution of the impression that "there are times when we feel so [mycologically] isolated here that we may as well be on the moon." Virginia L. Wells, 327 Fifth Ave., Anchorage, and Phyllis E. Kempton, 1020 H Street, Anchorage.

Fungus Exsiccati of the Americas

An effort is being made to bring together an account of fungus exsiccati containing material from the Americas. At this time, at least, sets containing only Old World material will not be considered. An important feature of this compilation will be a record of the location of such sets in the New World. To this end a circular letter and a list of the sets falling within the scope of the project have been sent to curators of fungus herbaria. Some replies have been received, and it is hoped that the other curators circularized will find time to supply the data requested. In the event that mycological herbaria containing such material have been overlooked, a copy of the circular letter and list of exsiccati involved will be speedily forthcoming upon request to: John A. Stevenson, National Fungus Collections, Plant Industry Station, Beltsville, Maryland.

International Mushroom Congress

The Fifth International Congress on Scientific Aspects of Mushroom Growing held in Philadelphia October 28-November 2, 1962, was attended by 254 official delegates from 20 countries and 11 states. Dr. L. R. Kneebone served as General Chairman of the National Organizing Committee.
The Society has been successful in its request to the National Science Foundation for funds to support the project "Preparation of a Mycology Guidebook." The grant of $24,600 is budgeted for three years of work on the preparation of a reference guidebook in introductory mycology, intended for the use of instructors and to contain information on the collection, preservation, and presentation in the most effective, preferably living condition of the representative groups of fungi. The guidebook is not planned as a laboratory manual for the individual student but is intended to be an assemblage of detailed directions to help the instructor produce a balanced and stimulating course.

Prof. Russell B. Stevens, Department of Botany, George Washington University, Washington, D.C., is Project Director. He heads a committee of six or seven individuals who will assume the actual task of assembling and editing pertinent material. The Guidebook Committee, in turn, expects to rely heavily on contributions solicited from numerous colleagues in order that maximum diversity of mycological coverage may be realized. The guidebook project thus becomes a real challenge to the entire Society in the sense that its success will depend to a great extent on the willingness of many members to cooperate effectively when asked to do so by Dr. Stevens and his committee.

Pennsylvania State University
The former Department of Botany and Plant Pathology of the College of Agriculture at University Park, Pa., has been divided into two departments: a Dept. of Botany in a new College of Science and a Dept. of Agricultural Plant Pathology in the College of Agriculture. Dr. C. L. Ferguson will be a mycologist member of the new Dept. of Botany.

Publications by Members

INTRODUCTORY MYCOLOGY by C. J. Alexopoulos has been translated into Spanish by Dr. Antonio Digilio of Tucuman, Argentina, and the Spanish edition is in press. A German translation by Dr. Marie L. Farr, National Fungus Collections, Beltsville, Md., has been contracted for, and a similar arrangement has been made for a translation into Hindi.

NOTES ON CEPHALOSPORIUM SPECIES by L. W. Durrell has just been published as a limited edition of a monograph on the genus.

INDEX FONNIUM LICHENUM by I. Mackenzie Lamb was published in the spring of 1963 by Ronald Press (see review in Mycologia LV, no. 5, 1963).

XX. OTHER NEWS FROM OR ABOUT MEMBERS

Dr. Patricia Allison, Morris Arboretum, Philadelphia, Pa., reports having spent a very interesting summer teaching introductory mycology at the University of Guayaquil. She append a note that the School of Natural Sciences is a young one in great need of books and reprints and wonders if our members can help. Material can be sent in care of Mrs. M. Gilmartin, Casilla 5951, Guayaquil, Ecuador.

Dr. Minoru Aragaki (Agri. Ext. Sta., Honolulu) hopes to spend a sabbatical leave beginning July 1964 at Oregon State University, Corvallis, working on light and reproduction in fungi.

Rev. Dr. J. M. Sarchet invites the interest of members to his observations on good results he has had in fighting influenza through the use of fungi. His notes indicate the use of Trichoderma viride, members of the Coprinaceae, and Lycoperdon pyriforme. Details of his procedures may be obtained by direct correspondence: 1450 St. Hubert, Montreal, Que., Canada.
One of the Society's Sustaining Members, formerly known as the Bioferm Corporation, Wasco, Calif., has become a wholly owned subsidiary of International Mineral & Chemical, Wasco & San Jose, Calif., and now is called the Bioferm Division of IMC.

S. H. Hutner of Haskins Laboratories will be working with Dr. Amadeu Cury until about 20 Jan. 1965 at the Institute of Microbiology, University of Brazil, Avenida Pasteur 250, Rio de Janeiro, on the nutrition of thermophilic enteric yeasts.

Dr. John S. Karling, Wright Distinguished Research Professor, Purdue University, has been participating in the UNESCO-sponsored International Indian Ocean Expedition in India and Ceylon as marine mycologist and parasitologist.

Dr. Robert W. Lichtwardt, University of Kansas, will spend December 1963 through February 1964 at the University of Hawaii and March through August 1964 at the National Science Museum, Tokyo, for studies on Trichomycetes under an NSF Senior Postdoctorate Fellowship.

Dr. J. L. Love, College of Forestry, Syracuse, N. Y., will be in Europe on sabbatical leave from February to September 1964 studying polyproples, with emphasis on those of tropical origin.

Dr. N. M. McClung, University of Georgia, recently returned from a year of research under a Fulbright Research Scholarship held at the Tuberculosis Research Institute, Kyoto University, Kyoto, Japan.

Dr. Philip G. Miles, State Univ. of New York at Buffalo, is working in the laboratories of Dr. Katsuji Kimura and Dr. Tsuneo Takezawa, University of Okayama, Okayama, Japan. He will be in Japan until July 31, 1964, as a Fulbright Research Scholar.

Dr. Lindsay S. Olive will be returning to Columbia University in mid-January 1964 after a year's sabbatical around-the-world foray collecting cellular slime molds.

Dr. C. Gardner Shaw, Washington State University, has been elected to the Council of the American Phytopathological Society as the representative of the Pacific Division of the society. He also is Chairman of the Mycological Committee of the APS, which will sponsor a symposium on Taxonomy of Pathogenic Fungi at Purdue University in August 1964.

Dr. Emory G. Simmons, U. S. Army Natick Labs., skipped the country for five weeks in Europe as soon as MSA dues notices and Newsletter questionnaires were mailed late in October. Financed primarily by the Dept. of State on behalf of the Organization for Economic Cooperation and Development, he participated with directors of several other culture collections in discussions directed toward establishment of an international distribution system for isolates of biodeterioration organisms and related information; this meeting was held at the Centraalbureau voor Schimmelcultures, Baarn. Most of the remainder of the time was spent working in culture collections and herbaria in England, The Netherlands, Switzerland, and Italy. Now back in Natick, Mass., he will be pleased to receive appropriate communications from MSA members who have not yet remitted dues for 1964.

XXI. VISITING SCIENTISTS

Prof. A. E. de Area Leao lists the following recent visitors to the Instituto Oswaldo Cruz, Rio de Janeiro, Brazil: E. Vanbreuseghem, Belgium; Eduardo dos Santos Lima and Leonidas Cortez, Brazil; Erics Thiemann, Chile; Jean Courbet, J. Rioux, and Rene Jacquier, France; C. M. Hasselmann, Germany; Yoshikaka Komia, Keizo Asami, N. Yanagirama, and I. Kukutome, Japan; Pedro L. Aguiar, Mexico; Zuno B. Alva, Luis D. Gutierrez, and Wilberto A. Fernandez Ramos, Peru; Fraga de Azevedo, Portugal; A. and Marguerite Basset, Senegal; Heiti Paladrok, Sweden; Chamlong Harinasita, Thailand; Charlotte C. Campbell, John F. Kessel, and John R. Porter, U.S.A.; P. G. Serejew, U.S.S.R.

-30-
Dr. Kei Arima, Tokyo Univ., has visited in the laboratories of the Bioferm Division, I.N.C., Wasco, Calif.; Dr. Arima’s interests lie primarily with fungal amylases and enzymes in general. (M. H. Rogoff)

Prof. M. P. Bachus notes the following recent visitors at the mycological laboratories of the Univ. of Wisconsin, Madison campus: Dr. David Park, Univ. of Manchester, England; Dr. Edward Cantino, Michigan State Univ.; Dr. Amelia Stolk, Centraalbureau voor Schimmelcultures, Baarn, Netherlands; and Dr. Gerlind Eger, Max Planck Institute, Hamburg, Germany.

Cornelis Bas, Curator at the Rijksheerbarium, Leiden, The Netherlands, spent the past summer at the University of Michigan Biological Station studying fleshy fungi with Alexander H. Smith. Particular attention was paid to European species which also occur in North America. Mr. Bas joined the NSA foray at Amherst, Mass., in August and then visited L. R. Heeler at the University of Tennessee, where he did field work and studied Amanitas at the University Herbarium September 21-30.

Dr. H. L. Barnett, West Virginia Univ., visited Dr. E. S. Beneke and the mycology laboratory of Michigan State Univ. in September 1963. Dr. Barnett’s son is spending a bit longer time at East Lansing as a graduate student in physics.

Prof. A. Chaves Batista lists the following visitors to the Instituto de Micrologia, Univ. de Recife, Brazil: Dr. Peter Walker, Natl. Inst. Medical Research, London, England; Dr. Wheare, Dean, Colorado State Univ.; Dr. H. de Roesser-Boonet, Inst. of Tropical Hygiene, Amsterdam, Netherlands; Prof. Metry Bacilla, Inst. Bioquimica, Parana, Brazil; and Col. Leonard Orman, Chief, Latin America Research Office.

Dr. Lee Bonar, Univ. of California, Berkeley, visited the laboratory of Prof. T. W. Johnson at Duke Univ. in July.

Dr. W. Bridge Cooke, Robt. A. Taft Sanitary Engineering Center, Cincinnati, has visited mycologists on both the Berkeley and the Davis campuses of the University of California during the past year. (P. Snider and E. E. Wilson)

Dr. Gerlind Eger, Max Planck Institut für Kulturpflanzensichtung, Hamburg, Germany, visited the Physiology and Biochemistry of Fungi Section of the Prairie Regional Laboratory, Saskatoon, Canada, towards the end of August 1963, expressing interest in morphogenesis in Basidiomycetes. (R. H. Haskins)

Dr. Lucille K. Georg sends the following notes on two visiting scientists who will spend considerable time at the Communicable Disease Center, Atlanta, Ga. Mrs. Edith Varsavsky (Instituto Nacional de Microbiologia, Buenos Aires, Brazil) will spend a year as guest researcher at the Mycology Unit; her studies are concerned with keratinophilic and pathogenic fungi isolated from soil. Dr. Manuel E. M. Da Silva (Escola Agronomica de Bahia, Salvador, Brazil) will spend a year as guest researcher in the Mycology Unit; his studies will be concerned with development of FA reagents for the diagnosis of paracoccidioidomycosis.

Dr. J. W. Groves records the following visitors to the Mycology Section of the Plant Research Institute, Ottawa, Canada: Dr. René Pomerleau, Forest Research Lab., Sillery, Que.; Dr. R. Kenneth, Hebrew Univ., Rehovot, Israel; Dr. Lorene Kennedy, Univ. of Alberta, Edmonton; Dr. P. Kallio, Univ. of Turku, Finland; Dr. E. Silver Keeping, Univ. of Alberta, Edmonton; Dr. Gerlind Eger, Max Planck Inst., Hamburg, Germany; Mr. A. K. Parker, Forest Entomology & Pathology Lab., Victoria, B. C.; Dr. Amelia C. Stolk, Centraalbureau voor Schimmelcultures, Baarn, Netherlands; Mr. L. P. Magasi, Forest Entomology & Pathology Lab., Fredericton, N. B.

Prof. Roger Heim, Director, Musém d’histoire naturelle, and President, Académie des sciences, Paris, France, was a guest of the Cercle des Mycologues amateurs de Québec
and of Dr. René Pomerleau from October 24 to 27. He delivered a lecture "Magic and Mycology" based on material and data collected in Mexico and more recently in New Guinea.

Dr. Bryce Kendrick, Plant Research Inst., Ottawa, interspersed periods of autumn collecting in western Canada with visits to the Dept. of Plant Pathology, Washington State Univ., Pullman, and to the Univ. of Alberta Mold Herbarium, Edmonton. (C. G. Shaw and J. W. Carmichael)

Dr. Alie Koopmans, Genetisch Inst., Haren, Netherlands, discussed general and microbiological karyology during a recent visit in Dr. E. Silver Keeping's laboratory at the Univ. of Alberta, Edmonton, Canada.

Dr. J. L. Lowe, New York College of Forestry, visited the laboratory of Dr. C. J. Alexopoulos, Univ. of Texas, Austin, on his way to and from Costa Rica in the summer of 1963.


Dr. John Rishbeth of Cambridge Univ., England, spent the week of July 26 in New Haven, Conn. He presented a regional seminar on the influence of Fomes annosus on pine plantations and methods for its control. (E. B. Cowling)

Dr. Isolde Schneider, Forest Res. Inst., Reinbek, Germany, is spending eight months in the Dept. of Botany and Dept. of Entomology, Univ. of Kansas, Lawrence, to work on ambrosia beetles and ambrosia fungi. (L. R. Batra)

Prof. G. Viennot-Bourgin, Inst. National Agronomique, Paris, France, was a recent visitor in the Dept. of Botany, Hebrew Univ. of Jerusalem, Israel. (A. Z. Joffe)

XXII. HONORS, DEGREES, PROMOTIONS, INVITATIONAL LECTURES

Prof. C. J. Alexopoulos participated in the Baylor University Summer Science Institute and presented a lecture, open to the public, on "The Slime Molds - Intriguing Plant-Animals" on July 5, 1963.

Prof. A. Chaves Batista has received the "Merit Medal City of Recife" presented by the Recife Government on 14 December 1963. He also has been elected a member of the Scientific Council of "Polha Medica", Rio de Janeiro. (Inst. Nicol., Univ. Recife, Brazil)

Dr. E. S. Beneke presented an invitational lecture "Problems with Saprophytes in Medical Mycology" at the annual convention of the American Association of Bioanalysts in Chicago, Ill., June 28, 1963. (Michigan State Univ., East Lansing)

Prof. S. G. Bradley recently spoke to the Research Div. of the Upjohn Company, Kalamazoo, Mich., on "Application of Microbial Genetics". (Univ. of Minnesota, Minneapolis)

Prof. George B. Cummins was the recipient of the Sc. D. degree in June 1963 from his alma mater, Montana State College (B.S., 1927). (Purdue Univ., Lafayette, Ind.)

Dr. J. H. B. Garner has been re-elected Treasurer of the Kentucky Academy of Science. He currently is Acting Head of the Botany Dept., Univ. of Kentucky, Lexington, Ky.

Dr. Roger D. Goos presented two lectures at the NSF Summer Institute for Science Teachers at the Univ. of South Dakota, Vermilion, in July 1963: "Banana production and associated problems" and "Fungus diseases of the banana". The visit was sponsored by the Botany Dept. of the University. (Natl. Inst. Health, Bethesda, Md.)
Dr. Dexter H. Howard was promoted in July 1963 from Assistant Professor to Associate Professor of Medical Microbiology in the Dept. of Medical Microbiology and Immunology, School of Medicine, Univ. of California, Los Angeles.

Dr. Abraham Z. Joffe has been invited to present a paper on "Toxin Production by Cereal Fungi Causing Alimentary Toxic Aleukia in Man" during the symposium on Fungal Toxins to be held at the Massachusetts Institute of Technology, Cambridge, 16-19 March 1964. (Hebrew Univ. of Jerusalem, Israel)

Dr. Leon R. Kneebone has been elected to a three year term as President of the International Commission on Mushroom Science. Dr. Kneebone recently completed a lecture tour of approximately a dozen presentations on topics concerning the mushroom research program at Pennsylvania State Univ., trends within the commercial mushroom industry, and the Fifth International Mushroom Congress to technical and professional audiences in Penna., W. Va., Ohio, Mich., Calif., Ore., Wash., and Canada. (Pennsylvania State Univ., University Park)

Dr. E. E. Leppik, Research Plant Pathologist, U.S.D.A., and collaborating Professor at the Iowa State Univ., has been elected a Fellow of the American Association for the Advancement of Science in recognition of his research work and standing as a scientist.

Dr. A. Mahadevan recently has given special lectures on "Trends in Biology" and "Concepts of Plant Diseases". (Purdue Univ., West Lafayette, Ind.)

Dr. M. M. McClung presented an invitational lecture "Morphology of Actinomycetes in the genus Nocardia" to a joint meeting of the Society for Actinomycetes, Japan, and the Antibiotic Society of Japan held May 28, 1963, at the National Inst. of Health, Tokyo. Dr. McClung has been elected an honorary member of the Society for Actinomycetes. (Univ. of Georgia, Athens)

Dr. Esther Meyer made an invitational presentation, covered in four lectures on mycopathological material, December 6-7, 1963, for the Virginia Society of Pathologists. The presentation was under the auspices of the College of American Pathologists and the Commission on Continuing Education. (Univ. of Illinois Coll. of Medicine, Chicago)

Dr. Philip G. Miles spoke on "Indigotin Production by the Basidiomycete Schizophyllum commune" before the Mycological Society of Japan at the annual meeting of the Japanese Botanical Society, Okayama, in October 1963. (State Univ. of New York at Buffalo)

Dr. Royall T. Moore gave two invitational lectures in June and July 1963. The first, "The Fine Structure of Fungi", was part of a symposium on the Structure of the Primitive Cell organized by the Botanical Society of America, Pacific Section, AAAS, Stanford Univ.; the second, "Structure of Primitive Cells", was to the Univ. of California extension course on Electron Microscopy of Biological Materials. (Univ. of California, Berkeley)

Dr. S. M. Pady attended the International Symposium on Biometeorology (invitational) and presented papers at the section on Biometeorology and Epidemiology of Fungal Diseases at Pau, France, 1-13 September 1963. (Kansas State Univ., Manhattan)

Dr. Demosthenes Pappagianis recently was appointed Associate Professor in the Univ. of California School of Public Health, Berkeley.

Dr. M. A. Pisano spoke on April 26, 1963, before the Div. of Microbiology, New York Academy of Sciences, on "Activities of the Cephalosporia". (St. John's Univ., Jamaica, New York)

Dr. Martin H. Rogoff has been promoted from Head, Microbiological Research Lab., to Director, Microbiological Research, at the Bioferm Division, L.M.C., WASCO, Calif.
Dr. Albert Schatz has been elected an Honorary Foreign Member of the Odontological Society of Concepción (Chile). Dr. Schatz now is Professor on the Faculty of Medicine, University of Chile, Santiago.

Dr. William W. Scott has been promoted to Professor of Botany in the Dept. of Biology, Virginia Polytechnic Institute, Blacksburg, Va.

Dr. Robert L. Shaffer, Curator of Fungi & Lichens in the University of Michigan Herbarium, has been promoted from Assistant to Associate Professor of Botany. (Univ. of Michigan, Ann Arbor)

Dr. Philip Snider has been appointed Associate Professor (Genetics) in the Dept. of Biology, Univ. of Houston, Texas.

Prof. F. K. Sparrow will act in several capacities at the X International Botanical Congress, Edinburgh, August 1964. He will be an Honorary Vice President of the Congress, will serve as Chairman of the Symposium on "Biology of Aquatic Fungi", and will read a paper on "Evolutionary Trends and Convergences in Aquatic Phycomycetes". (Univ. of Michigan, Ann Arbor)

Dr. Billy D. Thyr, after completing all requirements for his Ph. D. degree in plant pathology at Washington State Univ., Pullman, has accepted a position with the USDA, ARS, Cheyenne Horticultural Field Station, Cheyenne, Wyoming.

Dr. Edmund E. Tylutki has been promoted to Associate Professor of Botany in the Dept. of Biological Sciences, Univ. of Idaho, Moscow.

Dr. George F. Weber was the recipient of a research award and an honorarium presented by the Florida Fruit and Vegetable Association during its 1963 annual meeting at Miami Beach, Fla. The awards were in recognition of Dr. Weber's basic research in Florida on the diagnostic symptoms of major plant diseases and the life cycles of the parasites causing them. (Univ. of Florida, Gainesville)

XXIII. MARRIAGES AND NEW CHILDREN

The Instituto de Micología, Univ. do Recife, Brazil, was in a state of great commotion during December 1963, according to a list of staff marriages reported by Prof. Batista: Dr. José Oliveira da Silva (Dec. 21), Dr. José Luiz Bezerra (Dec. 20), and Dr. Ana Amelia Salgado Alves da Silva (Dec. 20).

Mary Virginia Charlton was married May 31, 1963 to William Brooks Dublin, Jr., at Provo, Utah.

Dr. Michael Dick and Dr. Christine Martin were married on September 6, 1963, in the Memorial Chapel, University of Glasgow.

Joan Pangburn became Mrs. Clyde W. Robb on May 18, 1963.

Billy D. Thyr announces the birth of daughter Amy Sue on May 29, 1963, at Pullman, Wash., thus providing company and competition for Gregory Dean (2).

Vijai Pratap Tewari comments on the birth of his "fourth (and the last) son" in Varanasi, U.P., India.

Dr. and Mrs. Edmund E. Tylutki record the birth of their fifth child, a son, on October 30, 1963, at Moscow, Idaho.
XXIV. AFFILIATED SOCIETIES OF MSA

The Boston Mycological Club schedules almost weekly summer and autumn walks as well as frequent winter and spring indoor meetings at their club rooms in the Farlow Herbarium, Cambridge, Mass. It is interesting to note that the Boston Club held its 68th annual business meeting and election of officers last spring.

The Mycological Society of San Francisco recently published an excellent book of mushroom cookery, "Kitchen Magic with Mushrooms", with recipes arranged by genus and helpful notes added for the gourmet mycophagist. This spiral-bound volume of $9.50 + xxxviii pp. is available from the San Francisco group for $2.40 per copy through its Publication Office, P. O. Box 217, Berkeley 1, Calif.

The Oregon Mycological Society holds regular meetings on the first Monday evening of each month in addition to their field trips. Their publication "Mush Rumors" indicates broad interests involving outside speakers, classes in microscopy, and mushroom shows.

The 6th Annual Convention of the People-to-People Committee on Fungi is announced for 16-18 August 1961 at the Univ. of Michigan Biological Station on Douglas Lake near Pellston, Mich. Forays will be led by Dr. Robert L. Shaffer of the University staff. The Committee made its 3rd Annual Award for "Outstanding Contributions to Amateur Mycology" to Miss Margaret Hicken, Olympia, Wash.

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Last evening in manorial base
Roundworm and fungus face to face
See how the stage is set!
Proliferate loops from every node
To catch the wily nematode;
Heuristic bulbs also perpend
Sweet bait to tempt wayfaring friend;
But the smooth eel, eschewing such toils and joys,
Eyeless acuminate head with acumen deposes
And slides its long slimy length unharmed out of the hunter's net.

I. Mackenzie Lamb
The preparation of a cumulative INDEX to Volumes 1-55 of MYCOLOGIA is planned. Volunteers are needed who are willing to index one or more volumes. Three sections in the INDEX are planned: Index to Fungal Taxa; General Index (subjects, authors, titles); Host Index.

The indexer should be willing to go through his volume line-by-line and carefully type (or have typed) each pertinent item on a separate 3 X 5 card. The Editor will not be able to send volumes of MYCOLOGIA to the indexer; the assigned volume must be available at his own institution. Also, the Editor cannot undertake to supply the cards but trusts that each indexer will agree to contribute these to the Society along with his indexing services.

When cards for all the volumes have been accumulated, the Society and The New York Botanical Garden plan to approach the National Science Foundation for the funds required to collate, type copy, and publish the INDEX.

If you would be willing to volunteer your services to the project by indexing one or more volumes, please fill out the following form, indicating any preference as to particular volume(s). Mail the completed form to Dr. Clark T. Rogerson, Editor, NYCOLOGIA, The New York Botanical Garden, Bronx, N. Y. 10458.

I am willing to index one - two (please indicate) volume(s) of MYCOLOGIA.

Name: ____________________________________________
Address: ____________________________________________
Title: ____________________________________________
Volume preference: ____________________________________________

THE MYCOLOGICAL SOCIETY OF AMERICA -- Application for Membership

Name in full ____________________________________________
Academic Degree? ____________________________________________
Position (Title, Dept. & Institution) ____________________________________________

Complete mailing address (if different from Position) ____________________________________________

Signature of member who is endorsing application ____________________________________________

This form or a letter with the same information may be used in applying for membership. Formal application cards also are available from the Secretary and from the Membership Committee. All persons interested in the study of fungi are eligible to membership. Annual dues for regular individual membership are US$8.00, which include receipt of the entire current volume of Mycologia. Applications with remittance of dues payable to the Mycological Society of America should be mailed to the Secretary, E. G. Simmons, Pioneering Res. Div., U. S. Army Natick Labs., Natick, Mass. 01762.
MYCOLOGICAL SOCIETY OF AMERICA
THIRTIETH ANNUAL MEETING, AUGUST 28, 1963
Amherst, Massachusetts

BUSINESS MEETING

Agenda

1. Call to order .................................................. President Barnett
2. Announcements ............................................... President Barnett
4. Report of the Secretary-Treasurer ............................ E. G. Simmons
5. Announcement of the new officers ............................. President Barnett
6. Report of the Editor-in-Chief of MYCOLOGIA ............... C. T. Rogerson
9. Comments from the Foray Committee ........................ H. E. Bigelow, Chm.
11. Election of new members ...................................... E. G. Simmons
MYCOLOGICAL SOCIETY OF AMERICA

NEW MEMBERS - 1963

EMERITUS

Atwell, Ernest A.: Ottawa, Ont., Canada
Cotner, Frank B.: Bozeman, Montana
Sumstine, David R.: Pittsburgh, Pennsylvania

SUSTAINING

Parke, Davis & Co., Detroit, Michigan
Refined Syrups & Sugars, Inc., Yonkers, New York
Wallerstein Co., Staten Island, New York

REGULAR

Adilakshamma, Miss Punugu: New Orleans, Louisiana
Ahmed, Syed I.: Toronto, Ont., Canada
Aldrich, Henry C.: Austin, Texas
Angel, Dr. Eduardo G.: New Orleans, Louisiana
Baker, James A.: El Paso, Texas
Baldwin, Robert E.: Painter, Virginia
Ballal, Srikrishna: Knoxville, Tennessee
Barrett, Dr. Elton R.: Monroe, Louisiana
Barron, Prof. George L.: Guelph, Ont., Canada
Bartlett, Dr. Allan B.: Orlando, Florida
Bavendam, Mrs. Virginia L.: Springfield, Ohio
Belaval, Maria Esther: San Juan, Puerto Rico
Berger, Robert G., Jr.: Ithaca, New York
Borders, Dr. Huey I.: Fort Lauderdale, Florida
Boyle, Dr. Alice M.: Tucson, Arizona
Bretzloff, Dr. Carl W.: Wheaton, Illinois
Britton, Dr. Michael P.: Urbana, Illinois
Brown, Oswald D., Jr.: Bellflower, California
Burdensall, Harold, H., Jr.: Ithaca, New York
Campana, Dr. Richard John: Orono, Maine
Cavaliere, A. Ralph: Durham, North Carolina
Christiansen, Marjorie Ann: Ithaca, New York
Cohen, Dr. Isadore: Springfield, Massachusetts
Colt, W. Michael: Davis, California
Converse, John L.: Frederick, Maryland
Davis, Elmer E.: Washington, D. C.
Depoe, James J.: Buffalo, New York
Dobson, Ann Lillian: Morgantown, West Virginia
Donchue, Maureen: Bellport, New York
Dodding, Oscar J.: Alexandria, Louisiana
Dorworth, Elizabeth B.: Saint Paul, Minnesota
Elliot, Dr. Arthur M.: Lubbock, Texas
Endo, Dr. Robert M.: Riverside, California
England, Wayne H.: Morgantown, West Virginia
Filer, Theodore H., Jr.: Stoneville, Mississippi
Fink, Dr. Harry C.: San Luis Obispo, California
Funk, Dr. Alvin: Victoria, B. C., Canada
Gauntt, Wayne M.: Claremont, California
Goeden, Richard D.: Madison, Wisconsin
Goncalves, Jose Rubens: Belem, Para, Brazil
Griffin, Dr. David M.: Sydney, N.S.W., Australia
Gross, Henry L.: Syracuse, New York
Haa, Richard T.: Manhattan, Kansas
Halisky, Dr. Philip M.: Davis, California
Harmish, Wayne H.: Morgantown, West Virginia
Henney, Mrs. Mary Ruth: Austin, Texas
Herrera-Suarez, Teofila: Mexico, D.F., Mexico
Harvey, Dr. Annette: New York, New York
Higgins, Calvin E.: Indianapolis, Indiana
Hilu, Dr. Hal M.: Urbana, Illinois
Hoadley, Dr. Alfred D.: Napoleon, Ohio
Howe, Don: Atlanta, Texas
Howe, Dr. Henry B., Jr.: Athens, Georgia
Huffmann, Dr. Donald M.: Pella, Iowa
Jewell, Dr. Frederick F.: Gulfport, Mississippi
Joffe, Dr. Abraham Z.: Jerusalem, Israel
Keller, Dr. John R.: South Orange, New Jersey
Kimbrough, James W.: Ithaca, New York
Kreutzer, Dr. William A.: Fort Collins, Colorado
Krug, John C.: Toronto, Ont., Canada
Kulik, Dr. Martin M.: Beltsville, Maryland
Larsen, Michael J.: Syracuse, New York
Leedey, W. Edgar, Jr.: Wheeling, West Virginia
Littlen, Walter: Rochester, New York
Littlefield, Larry J.: St. Paul, Minnesota
Lukezic, Felix L.: Davis, California
Lyle, Dr. James A.: Auburn, Alabama
Maciejowska, Dr. Zofia: Reguly, Poland
Mackenzie, Dr. D. W. R.: Belfast, N. Ireland
MacLeod, Dr. Donald M.: Sault Ste. Marie, Ont., Canada
Mahadevan, A.: Lafayette, Indiana
Marriott, Merle E.: Logan, Utah
Marsh, Dr. Paul B.: Beltsville, Maryland
Martin, Philip M. D.: Los Angeles, California
Nelson, Allen C.: Madison, Wisconsin
Nolan, Richard A.: Berkeley, California
Nolla, Dr. J. A. B.: Mayaguez, Puerto Rico
Och, Dr. F. Fern: Columbus, Ohio
Oleria, Paul D.: Buffalo, New York
Pandila, Madan M.: Syracuse, New York
Partridge, Dr. Arthur D.: Moscow, Idaho
Peters, Harriet A.: Ann Arbor, Michigan
Peterson, Dr. Joseph L.: New Brunswick, New Jersey
Powell, Dr. Robert W., Jr.: Spartanburg, South Carolina
Punter, David: Maple, Ont., Canada
Quillin, Charles R.: Providence, Rhode Island
Reisert, Patricia Sullivan: Providence, Rhode Island
Safeeulla, Dr. K. M.: Pullman, Washington
Savage, Dr. Earl John: Notre Dame, Indiana
Schofield, Edmund A., Jr.: Worcester, Massachusetts
Schwalb, Marvin N.: Buffalo, New York
Semeniuk, Dr. George: Brookings, South Dakota
Sguros, Dr. Peter L.: Miami, Florida
Simms, Horace R.: Boulder, Colorado
Smith, Donald H.: Arendtsville, Pennsylvania
Sobers, Dr. Edward K.: Gainesville, Florida
Solem, Joanne K.: Ithaca, New York
Sreeramulu, Dr. T.: Waltair, India
Suprihatin, Dr. Dumliah: Djakarta, Indonesia
Swierczewski, John A.: Storrs, Connecticut
Tews, Leonard L.: Madison, Wisconsin
Therrien, C. Dale: Austin, Texas
Thompson, Thomas W.: Madison, Wisconsin
Thyr, Billy D.: Pullman, Washington
Tjetrosomo, Miss Soetarni: Urbana, Illinois
Trappe, Dr. James M.: Portland, Oregon
Treshow, Dr. Michael: Salt Lake City, Utah
Troller, Dr. John A.: Cincinnati, Ohio
Vail, William J.: Morgantown, West Virginia
Van Bruggen, Dr. Theodore: Vermillion, South Dakota
van Warmelo, Konrad T.: Pietermaritzburg, South Africa
Walker, Dr. Alma Toevs: Athens, Georgia
Wenger, Carlton J.: Morgantown, West Virginia
Wescott, E. W.: Collegedale, Tennessee
West, John A.: Seattle, Washington
Wicker, Ed. F.: Pullman, Washington
Wiley, Miss Bonnie Jeanne: Natick, Massachusetts
Williamson, Ollie C.: Lawrence, Kansas
Young, Dr. Robert J.: Greeley, Colorado
Zuck, Dr. Robert K.: Madison, New Jersey

AFFILIATE

People to People Committee on Fungi: Portsmouth, Ohio

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Rubin, H. L.: Coral Gables, Florida
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Schweitzer, H. E.: Peoria, Illinois
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Trueblood, Ellen: Nampa, Idaho
MYCOLOGICAL SOCIETY OF AMERICA

NEW MEMBERS - 1964

REGULAR

Aragaki, Dr. Minoru: Honolulu, Hawaii
Banfield, Dr. Walter M.: Amherst, Massachusetts
Goss, Dr. Robert C.: Cedar Falls, Iowa
Griffin, H. Dennis: Maple, Ont., Canada
Halpin, Dr. James E.: Clemson, South Carolina
Howe, Virgil K.: Ames, Iowa
Michaelson, Dr. Merle E.: St. Cloud, Minnesota
Miller, Dr. Lawrence P.: Yonkers, New York
Pepin, H. S.: Vancouver, B.C., Canada
Ruppel, Dr. Earl G.: Mayaguez, Puerto Rico
Smith, Dr. Harlan E.: Washington, D. C.
Sproston, Dr. Thomas: Burlington, Vermont
Wells, Mrs. Virginia L.: Anchorage, Alaska
Zak, Dr. Bratislav: Corvallis, Oregon