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The Council meeting was called to order by President Emmons at 8:10 p.m. in the Library Conference Room, Library, Oklahoma State University.

Reports of the Committees and Official Representatives of the Society were heard and the following transactions occurred during the council meeting:

1. Dr. D. P. Rogers submitted his resignation as Editor-in-Chief of Mycologia to become effective at whatever date suits the convenience of the Editorial Board and his successor. Dr. Rogers' resignation was accepted by President Emmons and approved by the Council.

2. The Council endorsed a request by Dr. J. E. Peterson, Chm., Sustaining Membership Committee, that members of the Society suggest to him the names of individual scientists affiliated with industrial concerns who might be approached regarding possible new sustaining members.

3. Approved a request by Dr. William J. Robbins that he be relieved of his duties as chairman of the Finance Committee and that the committee be reorganized. The appointment of a new committee was left to the discretion of the incoming President, Dr. Lowe.

4. Approved a request by Dr. William A. Clark, Director, ATCC, that the Mycological Society present a resolution supporting the Board of Trustees of ATCC in their efforts to raise funds for a new building to house the culture collection.

The resolution submitted is as follows:

WHEREAS the American Type Culture Collection in the course of developing the several functions set forth in its constitution, namely "to collect, preserve, and disseminate authentic cultures of fungi, bacteria and other micro-organisms and to carry on the research necessary to solve problems arising from such activities," has outgrown its quarters;

WHEREAS the Collection has been requested by various agencies to undertake new and diverse activities all related to its work involving much enlarged collections, a broadening of its research activities, and the initiation of identification services;

WHEREAS space is not now available to house the additional personnel necessary to carry on properly the anticipated added projects of the Collection or the added equipment which will be involved;

BE IT RESOLVED that the Mycological Society of America actively support the American Type Culture Collection in its efforts to obtain funds from all possible sources to build a laboratory adequate for its expanded program of research and service.

6. Subject to the approval of the Editorial Board, voted to approve the temporary appointment of Dr. C. T. Rogerson as Editor-in-Chief of *Mycologia* in order to bring publication of the journal up to date with the least possible delay.

7. Voted to approve action by the incoming President, Dr. Lowe, to approach the National Science Foundation for funds to aid in speeding up publication of issues of *Mycologia* in arrears.

8. The Secretary-Treasurer moved with Council approval to grant the requests by Drs. John S. Boyce and G. W. Keitt for change in status from regular to emeritus membership.

9. Endorsed the prior appointment by President Emmons of Dr. Ester A. Dick to be official representative of MSA at the International Congress of Mycology to be held at Pernambuco, Brazil. This congress, originally scheduled for October, 1960, has been postponed due to severe storms in the region.

10. Voted to endorse a request by the United States Information Agency to the Citizen's Stamp Advisory Committee, Post Office Dept., that a stamp be issued to commemorate the 10th International Science Congress to be held in Honolulu, Hawaii, in 1961.

11. Approved a recommendation by President Emmons that the Council rescind a prior decision to take part in the Christmas meetings of AAAS in New York this winter.

12. Voted to endorse resolutions adopted in a report submitted by Dr. Ralph H. Wetmore, Chm., Committee on the Future Status of the Botanical Society sponsored by a grant from the National Science Foundation.

The resolutions are as follows:

1. Resolved that the representatives of the several societies here assembled recommend the implementation of the grant from the National Science Foundation to the AIBS on behalf of the Botanical Society of America for a study of the feasibility of the centralization of the Plant Sciences by appointing a Coordinator who will explore ways and means of coordinating the activities of the several plant sciences and their professional societies.

2. Resolved that the representatives of the several societies here assembled feel it is desirable that the coordination and centralization of the plant sciences and their professional societies be effected within the framework of the AIBS, if possible.

3. Resolved that it be recommended to each society that it appoint a representative to a national committee of plant scientists to serve on a continuing basis throughout the duration of this project.
4. Resolved that the original committee of the Botanical Society select and appoint the Coordinator with latitude according to commitments of the appointee with regard to the time of initiation and duration of the appointment.

13. Report of Tellers on election of officers. Dr. Wm. Bridge Cooke read the tellers' report on the election of officers for 1961:

President-Elect........................................ E. S. Beneke
Vice President........................................ H. L. Barnett
Councilor East....................................... C. R. Benjamin
Councilor West...................................... Kenneth Wells

The meeting adjourned at 11:55 p. m.

Respectfully submitted,

Richard K. Benjamin
Secretary-Treasurer

II. REPORT OF THE SECRETARY-TREASURER – 1960

During the period August 1, 1959, to July 16, 1960, covered by this report, the following business activities occurred in the Society:

A. Special Business: The Council voted by mail ballot to accept the invitation by Dr. Raymond L. Taylor, Associate Administrative Secretary, AAAS, to our Society to take part in some way in the Christmas meetings of AAAS in New York this winter, 1960.

B. Financial Condition: On July 16, 1960, our checking account stood unencumbered at $1408.42 or a decrease of $220.53 over the balance reported July 31, 1959. The balance on hand in petty cash and postage amounted to $30.02. Except for dues, the Sustaining Membership account—funds of which are designated for other uses—is separated from the operating account. Retaining Sustaining Member dues in the operating account during the fiscal year facilitates payment of the Honorarium, MSA Fellowship, and dues to AIBS and MSA. An unexpended balance of $13.00 remained this year after payment of all Sustaining Membership obligations and was transferred to the savings account.

Our Sustaining Membership account stands at $2488.75. This is on deposit in our savings account in the Security 1st National Bank, Claremont, Calif.

Our investments at the present time consist of:

1. The Life Membership Fund:
   a. $500.00 face value of U. S. Treasury Bonds at 2 1/2% interest.
   b. $300.00 in the savings account.
2. The fund from Sustaining Membership dues consisting, as stated above, of $2488.75 in the savings account.

3. The Operational Reserve Fund ($1500 face value in U. S. Treasury Bonds at 2 1/2% interest).

Thus, as of July 16, 1960, our total assets amounted to $6227.19.

a. Operating Account: During the period covered by this report, the Society collected $6603.57. Operating expenses amounted to $6794.08, exceeding receipts by $190.51. This compares with a surplus of $484.47 in 1959, a surplus of $423.95 in 1958, and a deficit of $140.94 in 1957. Unusual expenses during the past year included $368.16 for the MSA brochure, A Career in Mycology, and the cost of transferring materials of the office of Secretary-Treasurer from East Lansing, Mich., to Claremont, Calif. In addition, there were printing costs for new supplies—stationery, dues notices, etc.—which will not recur during the next two years. Considerable additional deficit was avoided because the Secretary-Treasurer performed all of the clerical work associated with operation of the office during the year. Clerical help during the previous year cost the Society $313.75.

b. The Sustaining Membership Account: As of July 16, 1960, there were 22 Sustaining Members officially listed in our books. However, only 17 of these had paid dues amounting to $900.00. Interest from U. S. Government Bonds amounted to $55.00, interest on our deposits amounted to $55.37, and $13.00 of the Sustaining Member dues remained after payment of obligations; thus, the account received a total of $123.37.

Of the $2488.75 in this account, $2000.25 is reserved by Council action for the Memoirs Fund, and the remaining $488.50 is at the disposal of the Research Grants Committee for 1961.

c. Membership: As of July 16, 1960, the Society counted 720 regular members, 7 life members, 25 associate members, 10 emeritus members, 5 affiliated societies, 3 corresponding members, and 22 sustaining members, or a total of 792. Of these, however, 46 regular*, 2 associate, and 5 sustaining members have not paid their dues. Fifty-three delinquent members at this time compares less favorably with 39 last year and 33 in 1958.

During the past year the Society enrolled 50 new members, 1 new associate member, and 5 new sustaining members. The following were lost to the Society: 13 regular members and 1 associate member resigned; 25 members were dropped for nonpayment of dues; 3 of our members died. The latter are John Hunt, Portland, Ore.; A. W. Slipp, Moscow, Idaho; A. R. Walker, London, Ont., Canada.

* As of December 5, 1960, all but 41 regular and 2 associate members had paid their dues for 1960. These have been dropped from the rolls; it is our hope, of course, that failure of these members to pay dues was an oversight and that they will return to membership in the Society.
President Emmons called the business meeting of the Society to order at 8:30 a.m., August 30, 1960.

The minutes of the Bloomington, Indiana, business meeting, Aug. 26, 1958, were read by the Secretary-Treasurer. A motion was made for approval of the minutes; this was seconded and approved.

The Secretary-Treasurer read his report summarizing business, finances, and membership changes during the past year. The report was approved as read. (See section II of this Newsletter.)

President Emmons announced the election of the following officers for 1961:

President-Elect................................. E. S. Beneke
Vice President...................................... H. L. Barnett
Councilor East................................... C. R. Benjamin
Councilor West............................. Kenneth Wells

The retiring Editor-in-Chief, Dr. D. P. Rogers, announced that the Sept.-Oct., 1959, issue of Mycologia is in galley proof and that manuscript for the Nov.-Dec., 1959, issue is ready for the printers. He stated that this material will be turned over to the new Editor-in-Chief when the latter is ready to receive it.

Approved.

The Managing Editor, Dr. C. T. Rogerson, read a summary of the report which will be published in the journal. He mentioned that Stechert-Hafner Publ. Co., N. Y., has taken over the work of handling sales of back volumes of Mycologia and that this firm also will offer for sale reprints of out-of-print issues of the journal.

Dr. G. W. Martin: Asked Dr. Rogerson to explain the method of increase in the Endowment Fund of Mycologia.

Dr. Rogerson: Explained briefly the role of the New York Botanical Garden in this regard.

Dr. Martin: Stated that he had brought up this matter in order to demonstrate the effect of good management by the NYBG staff.

Dr. Emmons: Suggested that the Secretary-Treasurer send a letter, in behalf of the Society, to the Director of the NYBG expressing appreciation for the excellence of the services rendered the Mycological Society by the Garden staff.

Dr. Martin: Moved that this be done.

The motion was seconded and approved.
Dr. A. S. Sussman: Asked if separate issues of Mycologia will be available from Stechert-Hafner.

Dr. Rogerson: Yes.

The report of the Managing Editor was approved.

The Secretary-Treasurer presented the Report of the Council for 1960. (See section I of this Newsletter.)

Dr. Martin: Pointed out that the Secretary-Treasurer had recorded the nomination of Dr. Leland Shanor as the new member of the Editorial Board whereas Dr. Shanor actually had been elected to the Board.

The report was approved as corrected.

Dr. B. Lowy presented a brief report on the Foray at Baton Rouge, La. Weather was favorable during the four days of field trips and collecting was good. There were 42 members of the society present.

Dr. Martin: Commented on the excellence of the foray and moved a rising vote of thanks to the local committee.

Dr. Cain: Seconded.

Approved.

Dr. J. E. Thomas, Local Representative of the Mycological Society at Stillwater was introduced by President Emmons.

Dr. Leland Shanor: "I move that the Mycological Society of America record its appreciation to the Oklahoma State University and to Dr. John E. Thomas, our representative on the committee on local arrangements, for the excellent arrangements that have been made for our meetings.

Dr. Thomas is to be commended for his many contributions in the planning that are so essential to the success of this annual meeting and we express to him a special vote of thanks."

The motion was seconded and approved.

The report of the Audit Committee (Dr. Ralph W. Ames, Dr. Paul R. Harding, and Mr. William M. Klein) was read by Mr. Klein.

The report was approved as read.

The Secretary-Treasurer presented a list of applicants for membership in the Mycological Society of America and moved their election. The new members were elected unanimously.

Unfinished Business.

None.
New Business.

Dr. Emmons: President Emmons reminded the Society of the loss by death of Dr. B. O. Dodge to whom so many of us are deeply and gratefully indebted for his contagious enthusiasm, his unselfish assistance and encouragement and his notable scientific contributions to mycology.

In order partly to express the membership's great regard for Dr. Dodge, the following memorial was prepared and read before those gathered at the business meeting, and the Secretary-Treasurer was instructed to send this excerpt of the minutes to Mrs. B. O. Dodge:

Word has come to us of the death of Dr. B. O. Dodge, in New York City, on August ninth, in his eighty-eighth year. Dr. Dodge had been in rather frail health for some years. A good many of us will remember with regret that he was unable to attend the dinner given during our Wisconsin meetings, in honor of his eightieth birthday and those of Dr. Thom and Dr. Duggar. Until two or three years ago he had continued to work on Neurospora and on various pathogenic fungi. This summer he commenced to grow weaker, and finally had to take to his bed, and died without any obvious specific illness or abnormal distress.

It is possible that Dr. Dodge's work that will be most widely used is his long series of studies on Neurospora. Besides establishing the cytological reproductive cycle in Ascomycetes as nothing before had done, the Neurospora work really created haploid genetics, making possible the mating of gametes of known constitution, and thence introducing actual repeatability into genetical experiment. Expansions of this work won the Nobel prize, although Dr. Dodge didn't receive it.

But Dr. Dodge himself probably set greater store by some of his other studies. The Gymnosporangium investigations, with their demonstration of the effect of host on parasite, interested him and us a good deal. For some years—ten or twelve at least—he had been anxious about his earlier pets, the orange rusts of Rubus, repeatedly observing that the whole story wasn't known, that there was interesting mycology still to be unearthed there, and that he wished he could count on time to do it. And what he seemed proudest of all about was his first paper, on the Discomycetes of Wisconsin. If he were to start all over again, he used to say, he'd like to spend a lifetime on the study of fungus taxonomy.

Dr. Dodge has given us permanently useful studies and an example of devotion in all these and other phases of mycology; and there is no doubt that the regard and affection of his fellow mycologists were worth more to him than any showier prize.

Dr. A. S. Sussman: Should a memorial issue of Mycologia be prepared for Dr. Dodge?

Dr. Emmons: Good suggestion.
Dr. Rogers: Pointed out that an article on Dr. Dodge has been published in Mycologia.

Dr. Sussman: Moved that the Society go on record as in favor of publishing a memorial issue of Mycologia dedicated to Dr. Dodge.

Dr. Shanor: Seconded.

Approved.

The meeting was adjourned at 8:15 a.m. and the retiring president delivered his address, "Fungi—Versatile Opportunists."

Respectfully submitted,

Richard K. Benjamin
Secretary-Treasurer

IV. OFFICERS, REPRESENTATIVES AND COMMITTEES OF THE MYCOLOGICAL SOCIETY OF AMERICA

Officers of the Society for 1961

President - 1960-1961............... Josiah L. Lowe, College of Forestry, State University, Syracuse, N. Y.


Secretary-Treasurer - 1959-1962...... R. K. Benjamin, Rancho Santa Ana Botanic Garden, Claremont, Calif.


1960-1962........ C. R. Benjamin, National Fungus Collections, Beltsville, Md.

West - 1959-1961........ Robert M. Page, Stanford University, Stanford, Calif.

1960-1962........ Kenneth Wells, University of Calif., Davis, Calif.

Past President - 1959................ Const. J. Alexopoulos, State Univ. of Iowa, Iowa City, Iowa.

Past President - 1960.............. Chester W. Emmons, National Institutes of Health, Bethesda, Md.
Official Representatives and Other New Appointments


Representative on the Governing Board, American Institute of Biological Sciences – John A. Stevenson, 4113 Emery Place, N. W. Wash. 16, D.C.

Representative on the Board of Trustees, American Type Culture Collection – C. L. Lefebvre, State Expt. Stations Division, Wash. 25, D.C.

Representative to the National Research Council – F. K. Sparrow, Jr., University of Michigan, Ann Arbor, Mich.

Representative to the Agricultural Research Institute – C. L. Lefebvre, State Expt. Stations Division, U. S. D. A., Wash. 25, D.C.

Representative on the Editorial Committee of the American Journal of Botany – Josiah L. Lowe, State University, Syracuse 10, N. Y.

Representative on the Biological Stains Commission – L. S. Olive, Columbia University, N. Y., N. Y.


Committees of the Society

Committee on Nomenclature
D. P. Rogers, Chm., '63
G. W. Fischer
F. D. Kern
A. H. Smith

J. N. Couch
C. W. Dodge
L. E. Wehmeyer
C. B. Cummins

Committee on Medical Mycology
Libero Ajello, Chm., '62
C. W. Emmons
A. L. Carrion
N. F. Conant

C. W. Dodge
E. D. DeLamater
O. R. Plunkett

Membership Committee
R. H. Haskins, Chm., '63
E. E. Butler
S. J. P. Chilton
C. M. Christensen
C. L. Fergus
J. W. Groves
R. P. Korf
K. E. Morrow

L. S. Olive
M. A. Petty
O. A. Plunkett
Rene Pomerleau
C. T. Rogerson
W. H. Weston, Jr.

F. T. Wolf
C. F. Weber
L. E. Wehmeyer
C. E. Yarwood
C. G. Shaw
A. W. Ziegler
Committee on Research Grants and Publications

Harry E. Wheeler, Chm., '62
Alma W. Barksdale
Kenneth B. Raper

Committee on Publications of Memorials

Editor-in-Chief of Mycologia, C. T. Rogerson (Acting)
Historian of the Society, C. T. Rogerson
President of the Society, Josiah L. Lowe

Board of Editors of Mycologia Memoirs

I. Mackenzie Lamb, Chm., '63
Const. J. Alexopoulos
D. P. Rogers
C. T. Rogerson, Acting Editor-in-Chief of Mycologia
R. K. Benjamin, Ex-Officio
J. E. Peterson, Ex-Officio

Sustaining Membership Committee

J. E. Peterson, Chm., '61
E. S. Beneke
G. D. Darker W. D. Gray A. E. Prince
E. L. Dulany C. W. Hesseltine E. T. Reese
J. C. Gilman J. M. McGuire John Routien
David Gottlieb E. M. Mrak A. H. Smith

Historian

Clark T. Rogerson, The New York Botanical Garden
Bronx Park, New York 58, N. Y.


The Mycological Society held its 27th Annual Meeting on the campus of the Oklahoma State University, Aug. 26-Sept. 1, along with other member societies of AIBS. Dr. Fred Le Crone served as Chairman of the Committee on Local Arrangements and our society was ably represented by Dr. John E. Thomas. Those of us who attended this year's meetings certainly must express our great appreciation to the local committee for the excellence of services rendered.

The programs of our society and the Microbiological Section of the Botanical Society included about 40 papers—considerably less than at past meetings, but the light program eliminated the need for concurrent sessions. The Mycological Society, the Microbiological and Phycological Sections of the Botanical Society, and the Phycological Society sponsored jointly a symposium, Some Biotic Relationships of Algae, dedicated to the memory of the late Dr. Gilbert Morgan Smith. Dr. H. C. Bold presided.

In keeping with tradition, the Annual Lecture delivered by Mr. R. Gordon Wasson, author with his late wife, Dr. Valentina P. Wasson, of
the classic Mushrooms, Russia and History, was of unquestioned success. Mr. Wasson presented a vivid account, using color slides and sound recordings, of his experiences among certain Indians of Mexico who use various mushrooms for their hallucinogenic effects. He also traced the history of man's use of mushrooms for religious purposes. The lecture was attended by more than 350 persons; the success of the talk was evidenced by a conspicuous lack of the sound of shifting feet and muffled coughs.

VI. THE 1960 FORAY - Louisiana State University.

The annual foray was held at Baton Rouge on August 22-25 with about 42 in attendance. On the evening of August 22 a reception for members was held at the home of Dr. and Mrs. S. J. P. Chilton. Three days of collecting followed, during which period several localities were visited including major stops at Walker, the Tunica Hills Area, Audubon State Park and the University Farm. About 375 miles were covered and transportation was by University bus. August was rainy, consequently fungi were abundant. The list of collections is being compiled by Dr. W. B. Cooke to whom all participants are asked to send their reports.—Bernard Lowy, Chairman, Foray Committee.

VII. THE 1961 FORAY - Tentative Arrangements.

Tentative plans are being made to hold the Annual Mycological Foray at the usual time—just prior to the AIBS meetings at Purdue University. Headquarters probably will be at Purdue with collections being made at State Parks within driving distance from Lafayette. Dr. John Tuite, Department of Botany and Plant Pathology, Purdue University, has kindly consented to be the local representative.

Because the foray was held in Indiana in 1958, it is our thought that collectors might wish to reduce the collecting time this year. We would like for all interested mycologists to express their preference for one day of collecting or two days of collecting by so indicating in the appropriate place on the ballot printed below.

Completed plans and full information will be published in the June issue of the Newsletter.—H. L. Barnett, Vice President.

-11-

1. ___ I am in favor of reducing the 1961 foray to one day.

2. ___ I am in favor of having the usual 2-day foray in 1961.

Please mark and return this ballot soon to Dr. H. L. Barnett, Dept. of Plant Pathology, West Virginia University, Morgantown, West Virginia.
On August 28, 1960, Dr. D. P. Rogers voluntarily submitted his resignation as Editor-in-Chief of Mycologia to the Council of the Society. The resignation was accepted. At that date the last published issue of Mycologia was Volume 51, No. 4 (July-August, 1959). Dr. Rogers reported to the Council that the September-October issue was in galley, that the November-December issue was partially marked for the printer, and that enough manuscripts were on hand to fill the 1960 volume.

The Council requested that the Managing Editor, Dr. Clark T. Rogerson, take over as Acting Editor and endeavor to get Mycologia back on publication schedule. Dr. Rogerson accepted this responsibility.

By January 1, 1961, enough manuscripts had been turned over to the Acting Editor to complete the November-December, 1959, and the January-February, 1960, issues. These manuscripts now are in the hands of the printer. By January 12, 1961, galley for the September-October, 1959, issue and most of the manuscripts had been turned over to Dr. Rogerson.

Authors who have submitted manuscripts but have not heard from Dr. Rogerson should contact him.

The Acting Editor and the members of the Editorial Board will process manuscripts promptly, and they assure the members of the Society that the utmost effort will be made to return Mycologia to a normal publication schedule.

All correspondence regarding Mycologia should be sent to Dr. Clark T. Rogerson, The New York Botanical Garden, Bronx Park, New York 58, New York.

Josiah L. Lowe, President
C. T. Rogerson, Acting Editor
As of December 5, 1960, the membership of the Society, including applications on hand to be presented for election at the annual business meeting in August, 1961, was constituted as follows:

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| Associate Members | 24 |
| Emeritus Members | 10 |
| Corresponding Members | 3  |
| Sustaining Members | 22 |
| Affiliated Societies | 5  |

Boston Mycological Club  
Cercle des Mycologues Amateurs de Quebec  
Mycological Society of San Francisco  
Oregon Mycological Society  
Southern Oregon Mushroom Club

Total: 761

**New Members - 1960**

At the meeting of the Society held at Stillwater, Okla., August 30, 1960, the following were elected to membership in the Mycological Society of America:

**Regular**

Raymond E. Amos, Jr., Morgantown, W. Va.; George A. Atkins, Victoria, Australia; Peter K. C. Austwick, Surrey, England; Richard E. Bishop, Nor-


Associate
Balaji Mundkur, Chicago, Ill.

Sustaining
Burroughs Wellcome and Co. (U.S.A.), Inc., Tuckahoe, N. Y.
Consolidated Laboratories, Inc., Chicago Heights, Ill.
Hoffmann-LaRoche, Inc., Nutley, N. J.
Miles Laboratories, Inc., Elkhart, Ind.
Scientific Products Foundation, Evanston, Ill.

Deceased Members

Bernard Ogilvie Dodge died at the age of 88 on August 9, 1960. One of our truly great mycologists, Dr. Dodge was a charter member of the Mycological Society and served as its fourth president in 1935. After receiving his Ph. D. at Columbia in 1912, Dr. Dodge remained on the staff of this institution until 1920 when he moved to the Bureau of Plant Industry. In 1928 he joined the staff of the New York Botanical Garden as Plant Pathologist and served there until his death. Dr. Dodge gained world-wide recognition for his many notable researches on fungi.

Maurice Blood Linford passed away suddenly on September 24, 1960; he was 59. After receiving his Ph. D. at Wisconsin in 1927, Dr. Linford served as Pathologist with the Pineapple Research Institute, Hawaii, for 20 years before moving to the University of Illinois as Prof. of Plant Pathology in 1949. Dr. Linford, one of this country's ranking nematologists, had been a Life Member of the Mycological Society since 1939.
X. SUSTAINING MEMBERS OF THE MYCOLOGICAL SOCIETY

The Society is extremely grateful for the support of its Sustaining Members. 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

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

Burroughs Wellcome and Co. (U.S.A.) Inc.
Manufacturers of Fine Pharmaceuticals
Tuckahoe 7, New York

Butler County Mushroom Farm
West Winfield, Pennsylvania

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

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

DIFCO LABORATORY PRODUCTS
The complete line of microbiological reagents and media

Hoffmann-La Roche, Inc.
Pharmaceuticals, Vitamins and Aromatic Chemicals
Nutley 10, New Jersey

THE FLEISCHMANN LABORATORIES
Standard Brands Incorporated

JOHNSON and JOHNSON
New Brunswick, New Jersey

LEDERLE LABORATORIES DIVISION, AMERICAN CYANAMID COMPANY
Antibiotic, biological and pharmaceutical research and manufacture
Pearl River, New York

ELI LILLY AND COMPANY
Pharmaceuticals, biologicals, and agricultural and industrial products
740 South Alabama Street, Indianapolis, Indiana
SUSTAINING MEMBERS OF THE MYCOLOGICAL SOCIETY

MILES LABORATORIES, INCORPORATED
Pharmaceutical and chemical research and manufacture
Elkhart, Indiana

NORWICH PHARMACEUTICAL COMPANY, EATON LABORATORIES DIVISION
Ethical pharmaceuticals
Norwich, New York

ORTHO PHARMACEUTICAL CORPORATION
Obstetrical and gynecological products, biologicals
Raritan, New Jersey

CHAS. PFIZER AND CO., INC.
11 Bartlett Street, Brooklyn 6, New York
Fine chemicals and pharmaceuticals by means of microorganisms

SCHERING CORPORATION
Pharmaceutical manufacturers
Bloomfield, New Jersey

SCIENTIFIC PRODUCTS FOUNDATION, EVANSTON, ILLINOIS
Supported by companies dedicated to the biological sciences
(Member company names on request)

THE SQUIBB INSTITUTE FOR MEDICAL RESEARCH
E. R. Squibb and Sons, Div. of Olin Mathieson Chemical Corporation
New Brunswick, New Jersey

ARTHUR H. THOMAS COMPANY
22,000 items of chemical and biological apparatus for immediate shipment
Vine Street at Third, Philadelphia, Pennsylvania

THE UPJOHN COMPANY
Fine pharmaceuticals since 1866
Kalamazoo, Michigan
XI. PUBLICATIONS

Publications offered for sale or available:

Dr. Marie L. Lack, National Fungus Collections, B. P. I., Beltsville, Md.

Offered for sale by Dr. M. F. Barrus, Dept. of Plant Path., Cornell
Univ., Ithaca, N. Y.

Nannizzi, A. Repertorio sistematico dei miceti dell'uomo e degli
animali. 558 pp. with fig. Siena. 1934.---Offered in exchange or for
sale (3,000 lires) by Dr. R. Cifferi, P. 0. Box 165, Pavia, Italy.

(reprinted) is still available in limited quantity. Write Dr. C. L.
Fergus, Dept. of Bot., Penn. State Univ., Univ. Park, Pa., if one
is desired.

Publications wanted:

Costantin, J. Les Mucédiées Simples. 1888.---Dr. Margarita Silva, 630
W. 168th St., New York 32, N. Y.

De Bary, A. Comparative Morphology and Biology of the Fungi, Myceto-
zoa and Bacteria. 1887.---Dr. Roger D. Goos, United Fruit Co., Nor-
wood, Mass.

Ellis, J. B. and B. M. Everhart. The North American Pyrenomycetes. 1892.---
Dr. R. J. Bandoni, Dept. of Biol. and Bot., Univ. of British Columbia,
Vancouver 8, B.C.

Kauffman, C. H. The Agaricaceae of Michigan. 2 vols. 1918.---Dr. James
Maniotis, Dept. of Bot., Univ. of Texas, Austin 12, Tex.

Lister, A. A Monograph of the Mycetozoa, Ed. 3, revised by G. Lister.
1925.---Wanted by the following:

Dr. D. B. Creager, State Plant Board Laboratory, P. O. Box 3777,
Univ. Station, Gainesville, Fla. Dr. Creager also wants to
obtain a copy of Ed. 2.

Dr. Adelaide E. Evenson, Dept. of Bact., Univ. of Ariz., Tucson.

Dr. James Maniotis, Dept. of Bot., Univ. of Texas, Austin 12.

Dr. F. R. Uyenco, Dept of Bot., Univ of the Philippines,
Quezon City, Luzon, P.I.

Lieske, R. Morphologie und Biologie der Strahlenpilze. Leipzig. 1921.---
Dr. N. M. McClung, Dept. of Bact., Univ. of Georgia, Athens.

Waksman, S. A. Humus.---Dr. Wm. Bridge Cooke, 1135 Wilshire Ct., Cin-
cinnati 30, Ohio.

-17-
Macbride, T. H. and G. W. Martin. The Myxomycetes. 1934.—Wanted by the following:

Dr. Adelaide E. Evenson, Dept. of Bact., Univ. of Arizona, Tucson.

Dr. F. R. Uyenco, Dept. of Bot., Univ. of the Philippines, Quezon City, Luzon, P. I.

Smith, A. L. The Lichens. 1921.—Dr. F. R. Uyenco, see above.

Thaxter, R. Contribution towards a monograph of the Laboulbeniaceae. Vols. 1-5. 1896-1931. Also his separate papers.—Dr. R. Cifferi, P. O. Box 165, Pavia, Italy.

Wardlaw, C. W. Diseases of the banana.—Dr. Roger D. Goos, United Fruit Co., Norwood, Mass.


The Reliance Varnish Co., Inc., 4730 Crittenden Dr., Louisville 9, Ky., is reviewing the problem of the use of fungicides in paints and chemical coatings. Anyone having information on the subject which he is willing to contribute to this survey may contact E. E. Wil-luweit, Assoc. Director of Research.

XII. RESEARCH MATERIALS

Notices of the availability of cultures of unusual fungi particularly suitable for teaching purposes or for special types of research will be accepted for the Newsletter from those who are willing to distribute such cultures. Requests for cultures of fungi—not available for sale by the ATCC—and of other research materials will also be accepted for this section.

Cultures or material available for distribution:

1. Dr. G. A. Atkins, Defense Standards Labs., Private Bag No. 50, Post Office, Ascot Vale, W.2, Victoria, Australia, is in a position enabling him to obtain tropical fungi from northern Australia and New Guinea. He states that he has some unusual Mucorales and Ascomycetes as well as some very cellulolytic cultures of Memnoniella echinata from New Guinea available. Also an unusual isolate of Aspergillus fumigatus from the Maralinga atom bomb site. Dr. Atkins also can obtain lichens from Antarctica.

2. Dr. H. L. Barnett, West Virginia Univ., Morgantown, has numerous species of imperfect fungi which he is willing to distribute. Many should be of value in teaching.

3. Dr. Elizabeth S. Grose, Univ. de los Andes, Bogota, Colombia, states that she has a large collection of species from Colombia. Send wants.

4. Dr. Frank A. Gilbert, Union College, Barbourville, Ky., has about 30 strains of 11 species of Morchella available for distribution.
5. Many authentic and type strains of the Sporobolomycetaceae.—Dr. Kenneth Wells, Dept. of Bot., Univ. of Calif., Davis.

6. Dr. F. R. Uyenco, Dept. of Bot., Univ. of the Philippines, Quezon City, Luzon, P.I., has specimens of Myxomycetes and Basidiomycetes, especially Agaricales, available for distribution.

7. Dr. Roy Watling, 104, Central Drive, Middlestone Moor, Spennymoor, Co. Durham, England, can supply cultures of many species of European agarics, especially Coprinaceae and Bolbitiaceae.

Cultures, Material, Information wanted:


3. Mr. Abraham S. Flexer, Dept. of Biol., Harvard Univ., Cambridge, Mass., would like very much to have cultures of (primary) homothallic species of Coprinus that fruit readily in the laboratory.

4. Dr. E. G. Duncan, Bot. Dept., Bedford College (Univ. of London), Regent's Park, N.W.1, London, is carrying out a comparative study of Auricularia auricula-judae and would like living fructifications from which monospore cultures may be secured. There is no restriction on importation of this species into Great Britain.

5. Mr. Donald Goldstrohm, Dept. of Plant Path., West Virginia Univ., Morgantown, would like to receive cultures of Dacrymycetaceae or other carotene-producing Basidiomycetes, or fresh material from which isolations can be made.

6. The Mycological Herbarium of Louisiana State University is interested in the purchase of exsiccata, domestic or foreign, of fungi of all groups. Exchanges also are welcome.—B. Lowy, Curator.

7. Isolates of species of Emericellopsis as well as any species of Cephalosporium which produce pink or orange pigmented mycelia on commonly employed culture media such as Czapek's and Malt Extract.—Dr. James H. Grosklags, Dept. of Bot., Northern Illinois Univ., DeKalb, Ill.

8. Dr. James Maniotis, Dept. of Bot., Univ. of Texas, Austin, would like the following: 1. Gelasinospora spp., or any Neurospora-like or Sordaria-like fungi possessing dark ascospores. 2. Specimens of members of Hysteriales.

9. A culture of Gonatobotrys simplex is greatly desired by Dr. H. L. Barnett, Dept. of Plant Path., West Virginia Univ., Morgantown.

10. Collections of the following are desired by Dr. John W. Baxter, Univ. of Wis., Milwaukee, 3203 N. Downer Ave., Milwaukee 11, Wis.: 1. Haplopyxis (Uropyxis) crotalariae, or any collection of rust on Crotalaria. 2. Overwintered telia of Puccinia kansensis on buffalo grass.
11. Dr. G. L. Hennebert would like cultures of *Hyphelia* (Ostracoderma) and Dr. W. B. Kendrick would like cultures of *Leptographium* and similar organisms.—Plant Res. Inst., Central Exptl. Farm, Ottawa, Canada.

12. Strains of species of *Morchella* and *Boletus edulis*.—Dr. Frank A. Gilbert, Union College, Barbourville, Ky.

13. Dr. G. A. Atkins, Defense Standard Labs., Private Bag No. 50, Post Office, Ascot Vale, W. 2, Victoria, Australia, wants very much to obtain two cultures of *Neurospora crassa* and an American *Pullularia* for comparative purposes.


16. Isolates of *Sporobolomyces* species, especially *Tilletiopsis*, and isolates or recent collections of *Tremellales*, especially *Exidia nucleata*.—Dr. Kenneth Wells, Dept. of Bot., Univ. of Calif., Davis, Calif.

17. Cultures and/or reprints concerning fungi having an optimum temperature for growth at or above 40°C or any fungi considered to be thermophilic.—E. V. Crisan, Dept. of Biol. Sci., Purdue Univ., West Lafayette, Ind.

18. Yeasts or filamentous fungi that require cystine for optimum growth.—Dr. Ilda McVeigh, Box 1549, Substation B, Vanderbilt Univ., Nashville, Tenn.

19. White rot fungi, both from conifers and broad-leaved hosts.—Dr. Wm. D. Yerkes, Jr., Pioneering Lab., Kimberly-Clark Corp., Neenah, Wis.

XIII. MAJOR RESEARCH PROJECTS

Auburn University, Auburn, Ala., Dept. of Bot. and Plant Path.

A long range program of study of lipid utilization by seed storage fungi has been initiated.—Dr. Norman D. Davis.

AVCO, RAD Division, Wilmington, Mass.

Atmospheric radiation studies.—Dr. Martha D. Berliner.

Royal L. Brown, M.D., 3956 Oakwood Place, Riverside, Calif.

Public health studies of human mycotic diseases.

Colorado State University, Ft. Collins, Colo., Dept. of Botany.

Studies of soil fungi from the Nevada A-bomb test sites and Death Valley.—Dr. L. W. Durrell.

Columbia University, New York, N. Y., Dept. of Botany.

Taxonomy and biology of cellular slime molds.—Dr. L. S. Olive.

Columbia University, New York, N. Y., Coll. of Phys. and Surgeons.

According to Dr. Margarita Silva, projects include: 1. Studies of
the nutrition and chemotherapy of the dermatophytes. 2. Studies of the factors affecting variation in the dermatophytes. 3. Studies of the physiologic effects on mice of a toxic cell extract from *Candida albicans*.


Tropical deterioration of textiles, paints, etc.—Dr. G. A. Atkins.

**Duquesne University**, Pittsburgh 19, Pa., Dept. of Biology.

Electron microscopy of the host-parasite relationships in stem rust of wheat. Study supported by a grant from NSF. Howard G. Ehrlich, principal investigator, Mary Ann Ehrlich, co-investigator.

**Duke University**, Durham, N.C., Dept. of Botany.

Developmental morphology of ascomycetes in marine and estuarine waters.—Dr. T. W. Johnson, Jr.

**Forest Products Lab.**, 6620 NW Marine Dr., Vancouver 8, B.C.

Development of brown surface stain caused by *Ascochyta grovesii* in treated lumber.—J. W. Roff.

**Institute of Mycology**, Univ. of Recife, Pernambuco, Brazil.

Incidence of *Cryptococcus neoformans* on excrement of cattle, horses, sheep, swine, and goats.—Dr. A. Chaves Batista.

**Kimberley-Clark Corp.**, Neenah, Wis., Pioneering Laboratory.

Microbiological studies of wood and wood products.—Dr. Wm. D. Yerkes.

**Oklahoma University**, Norman, Okla., Plant Science Department.

Lipid contents of pathogenic fungi and studies of *Histoplasma capsulatum* in tissue culture.—Dr. Yousef Al-Doory.

**Penn State Univ.**, Univ. Park, Pa., Dept. of Botany.

Dr. C. L. Fergus is engaged in the following researches: 1. Nitrogen nutrition of *Colletotricum phomoides*—assisted by Miss Elizabeth Kurtz. 2. Influence of light on reproduction of *Botryosphaeria dothidea*—assisted by Mr. Donald Smith.

In addition to a research program on the commercial mushroom and on hallucinogenic mushrooms, Dr. Leon R. Kneebone and his group are engaged in puffball production research under the auspices of a grant of $10,000 from the Timbukk Company of Bradford, Pa.

**Plant Introduction Station**, Iowa State Univ., Ames, Iowa.

Dr. E. E. Leppick is studying the genealogy of the stem rust, *Puccinia graminis*.

**Royal Botanic Garden**, Edinburgh 3, Scotland.

Critical taxonomy of the Bolbitiaceae using traditional and chemical as well as cultural techniques.—Dr. Roy Watling.

**San Francisco State College**, San Francisco 27, Calif., Dept. of Biology.

Dr. Harry D. Thiers spent the summer in Louisiana collecting boletes and other fleshy fungi and thus completed field work on his NSF project on the Boletaceae of the Gulf Coastal Plain.

**St. John's University**, Jamaica 32, N.Y., Dept. of Biology.

Dr. W. A. Pisano is engaged in the following investigations: 1. Lecithinase activity of various deuteromycetes. 2. Identification of
sterols produced by various Deuteromycetes. 3. Fat production by various fungi in synthetic media.

Swarthmore College, Swarthmore, Penna., Dept. of Biology.  
Extraction and characterization of hymenial pigments in operculate Discomycetes and the relationship of marine Pyrenomycetes to the Ascomycetes as a whole.—Dr. Wm. C. Denison.

Robert A. Taft Sanitary Eng. Center, Cincinnati, Ohio.  
Dr. Wm. Bridge Cooke is engaged in a study of fungus populations of waste stabilization ponds; suggestions for techniques for study of minimal oxygen requirements are welcome.

University de los Andes, Bogotá, Colombia.  
Projects under investigation by Dr. Elizabeth S. Grose include: 1. Third year of studies on spores in the atmosphere of Bogotá. 2. Grain storage studies. 3. Study of dermatophytes of soil and wild animals.

University of Arizona, Tucson, Ariz., Dept. of Bact.  
Myxomycetes of the desert.—Dr. Adelaide E. Evenson.

University of British Columbia, Vancouver, B.C., Dept. of Botany.  
Studies on biology of the Tremellaceae.—Dr. R. J. Bandoni.

University of Georgia, Athens, Ga., Dept. of Bacteriology.  
Investigation of the keratinophilic mycoflora of Central American soils.—Dr. N. M. McClung.

University of Glasgow, Glasgow, W.2, Scotland, Dept. of Botany.  
Taxonomy and ecology of the Saprolegniaceae.—Dr. Michael W. Dick.

University of Lisbon, Lisbon, Portugal, Dept. de Microbiologia.  
Dr. N. Van Uden is engaged in the following studies: 1. Taxonomy and ecology of (a) yeasts associated with man and animals and (b) marine yeasts. 2. Importance of temperature and vitamin deficiencies in yeast taxonomy.

University of Missouri, Columbia, Mo.  
The Department of Field Crops has received a NIH grant for purchase of four bioclimatic chambers. The first study using this equipment will be on Leptodiscus terrestris.—Dr. Oscar H. Calvert.

University of North Carolina, Chapel Hill, N. C., Dept. of Botany.  
Dr. William J. Kock reports the following projects: 1. Survey of the aquatic Phycomycetes of the region around Chapel Hill. 2. Study of the comparative morphology of plancts of Phycomycetes.

University of Pavia, Pavia, Italy.  
Prof. R. Cifferi is working on a second edition of his Mycoflora Domingensis (Ed. 1, 1928) comprising a list of fungi found in the Dominican Republic. In collaboration with Dr. A. Chaves Batista, Dr. Cifferi also is preparing a monographic revision of the ascosporic stages "rooty-molds."

University of the Philippines, Quezon City, Luzon, P.I., Dept. of Botany.  
Taxonomy and ecology of Myxomycetes and Basidiomycetes of Luzon.—Dr. F. R. Uyenco.
- Dr. A. Bakerspigel.

University of Wisconsin, Milwaukee, Wis., Dept. of Botany.
- An evaluation of the taxonomic significance of hygroscopic teliospore walls and hygroscopic teliospore pedicels in the rusts.—Dr. John W. Baxter.

USOM/Jordan, Dept. of State, Washington 25, D.C.
- Dr. Subhi Qassem is conducting a study of the mycoflora of the soils of the Jordan valley.—Dr. Edward L. Waldee, Agr. Res. Advisor.

West Virginia University, Morgantown, W. Va., Dept. of Plant Path.
- A NSF grant has been awarded to Drs. Lilly, Barnett, and Gallegly for physiological studies in the genus Phytophthora. This follows an earlier study at WVU by L. H. Leonian of a similar problem.

- Research projects include: 1. Genetics of the Erysiphaceae by Dr. Ralph M. Morrison. 2. Studies on bioluminescence of Panus stipticus by Dr. Martin Roeder. 3. Isolation of plant rusts in axenic culture and cytological studies on Sporobolomyces sp.

XIV. MYCOLOGICAL INSTRUCTION, SUMMER OF 1961, AND NEW COURSES

Duke University, Durham, N. C.
- The Marine Laboratory.
  During the first term of the 1961 summer session a 5 1/2 week course in aquatic mycology—marine and fresh water forms—will be offered. A limited number of predoctoral fellowships are available. Contact T. W. Johnson, Jr., Duke Univ. Marine Lab., Beaufort, N. C.

Duke Medical School.
- Medical Mycology will be offered July 3 to July 29, 1961.—Dr. N. F. Conant.

Loyola University, Chicago 26, Ill., Dept. of Biology.
- Biology 316. General and Pathogenic Mycology. To be given each fall semester. Forays to the Indiana Dunes.—Dr. J. Rippen.

National Institutes of Health, Bethesda, Md.
- Offers the following as extension courses of the USDA: General Mycology (fall), Dr. Paul Lentz (Beltsville); Medical Mycology (winter), Dr. Herbert F. Hasenclever (NIH).

University de los Andes, Bogota, Colombia.
- Dr. W. Elizabeth S. Grose will offer General Mycology (Feb. to June) and Medical Mycology (Feb. to June—Aug. to Dec.)

University of Michigan Biological Station, Douglas Lake.
- Dr. A. H. Smith will offer introductory and advanced work on the fleshy basidiomycetes during the summer of 1961.

University of North Carolina, Chapel Hill, N. C., Dept. of Botany.
- Dr. William J. Koch will offer a course in Introductory Mycology, open to graduate students and advanced undergraduates, during the second term this summer (1961) and probably during alternate summers.
University of Wisconsin, Milwaukee, Wis., Dept. of Botany. Field mycology will be offered in the summer of 1961.—Dr. J. W. Baxter.


XV. VACANCIES FOR MYCOLOGICALLY TRAINED PERSONNEL

University of Hawaii, Honolulu. There is a vacancy for an Assistant Plant Pathologist in the Hawaii Agr. Expt. Station. Write Dr. Shosuke Goto, Asst. Dean and Director.

Illinois Natural History Survey, Urbana, Ill. Opening for a mycologist for three months during summer of 1961 (June 15 to Sept. 15). Send inquiries to Dr. J. C. Carter, Natural Resources Bldg.

Wake Forest College, Winston-Salem, N. C. Wake Forest College hopes to secure a mycologist this year. All who are interested contact Dean Edwin Wilson.

XVI. MYCOLOGISTS AVAILABLE FOR TEACHING OR RESEARCH POSITIONS IN 1961

Cunningham, John L. (Expects Ph. D. in June, 1961) University of Wisconsin, Madison. Thesis: "Comparative histological studies on the penetration of pea roots by zoospores of Aphanomyces euteiches." Major in Plant Pathology (Dr. D. J. Hagedorn); minor in Mycology (Dr. M. P. Backus). A university position or postdoctoral in mycology is desired.


Petersen, Ronald H. (Expects Ph. D. in June, 1961) Columbia University, New York. Aquatic Hyphomycetes; taxonomy and morphology of fungi. (Dr. L. S. Olive)

XVII. ASSISTANTSHIPS, FELLOWSHIPS AND SCHOLARSHIPS IN MYCOLOGY

Auburn University, Auburn, Ala., Dept. of Botany. Appointments for teaching and/or research now exist for qualified graduate students. Remuneration is from $2,000 to $5,000 per year depending on appointment.—Dr. Norman D. Davis.

Brown University, Providence 12, R. I., Dept. of Botany. Persons wishing to study for advanced degrees in botany, with research interests in mycology, contact Dr. Melvin S. Fuller regarding financial support.
Columbia University, New York 27, N. Y., Dept. of Botany

A post-doctoral fellowship for research in genetics of fungi will be available in Sept., 1961. Also, a teaching assistantship in mycology and research assistantships in genetics of fungi and taxonomy and biology of cellular slime molds will be available at the same time.—Dr. L. S. Olive.

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

Research assistantship for work on developmental morphology of Ascomycetes will be available in 1961-1962.—Dr. T. W. Johnson, Jr.

New York Botanical Garden, Bronx Park, New York 58, N. Y.

The Gertrude S. Burlingham scholarship in mycology for advanced predoctoral study will be available for the summer of 1961. The stipend is $700; work under this appointment may begin at any time after June 1 and should continue for approximately 3 months. Nominations or applications should be sent to the Director before April 15.

A full-or part-time assistantship for a graduate student in mycology will be available during the spring and/or summer of 1961 at the New York Botanical Garden. For a 40 hour week the pay is $325 per month. The work involves preparation of culture media, isolation, examination and study of fungi in culture, etc.—Dr. C. T. Rogerson.

New York State Health Dept., New Scotland Ave., Albany 1, N. Y.

The Division of Laboratories and Research has a post-doctoral training position available for a one- or two-year period, paying $6,100 per year. Graduates interested in pursuing original research in Medical Mycology, with opportunity of access to diagnostic materials and to abundant training material, should write Dr. Morris A. Gordon.

Oklahoma University, Norman, Okla., Plant Science Department.

One pre-doctoral assistantship in Medical Mycology will be available.—Dr. Yousef Al-Doory.

Pennsylvania State University, University Park, Pa., Dept. of Botany.

Several research assistantships are available with the commercial mushroom research projects. Excellent laboratory and production facilities are available with opportunity to work in the areas of cytology, genetics, physiology, or pathology. Half-time stipends vary from $2,016- $2,280 plus tuition. Applicants are invited to contact Dr. Jessee E. Livingston, Head of the Department, or Dr. Leon R. Kneebone, in charge of mushroom research.

State University of Iowa, Iowa City, Iowa, Dept. of Botany.

A graduate assistantship is available for a student interested in the taxonomy of the Myxomycetes, to start, preferably, Feb. 1, 1961. The duties will be to assist Prof. G. W. Martin on a part-time basis. Thesis work will be under his direction. The stipend for the Feb.-June semester will be $1000, plus allowance for Social Security, etc., but not including tuition of $90. A stipend for the summer session of 1961 will be available and an increased stipend, if work is satisfactory, for the academic year 1961-1962. Write Dr. G. W. Martin.

University of Alberta, Edmonton, Alberta, Dept. of Bacteriology.

There is an opening for graduate work on taxonomy of Hyphomycetes or in Medical Mycology.—Dr. J. W. Carmichael.
A research assistantship is available in Plant Pathology. Write to Dr. Mamoru Ishii, Head, Dept. of Plant Pathology.

University of Lisbon, Lisbon, Portugal, Dept. of Microbiology.
Inquiries by students interested in taxonomy and ecology of yeasts are invited.—Dr. N. Van Uden.

University of Miami, Miami 49, Fla., The Marine Laboratory.
An immediate opening exists for a mycologist at the M.S. level to work on aspects of marine fungal physiology. In addition, applications are solicited from individuals interested in participation in physiological and ecological aspects of our marine yeast program.—Dr. S. P. Meyers.

University of Michigan, Ann Arbor, Mich., Medical School, Kresge Bldg.
Opportunities exist for post-doctoral trainees in the program in Medical Mycology. This program enlists the aid of both medical school faculty and the mycologists in the Dept. of Botany at the University. Write Dr. I. A. Bernstein.

Washington State University, Pullman, Wash., Dept. of Plant Pathology.
It now appears that three graduate assistantships will be available in September, 1961. These are half-time assistantships for 11 1/2 months; annual stipend is $2666.67. Write Dr. Charles Gardner Shaw.

West Virginia University, Morgantown, W. Va., Dept. of Plant Pathology.
Research assistantships are now open on physiology of reproduction in the genus Phytophthora.—Dr. H. L. Barnett.

XVIII. RECENT APPOINTMENTS AND TRANSFERS

Dr. Yousef Al-Doory, formerly Research Associate, Dept. of Microbiology, Oklahoma Univ. Med. Sch., Oklahoma City, is now a post-doctoral Fellow in Medical Mycology, Research Inst., Oklahoma Univ., Norman.

Dr. Stuart R. Andrews, formerly conducting research on decay fungi and dwarf mistletoes, Albuquerque, N. Mex., moved in September to Fort Collins, Colorado. He will be in charge of forest disease research for the Rocky Mountain Forest and Range Expt. Station, U. S. Forest Service.

Dr. Martha D. Berliner has been appointed Senior Scientist, AVCO, Research and Advanced Development Division, Wilmington, Mass.

Dr. Glenn Bulmer has accepted a position as Assistant Professor in the Microbiology Department, Univ. of Oklahoma Medical Center, 800 Northeast 13th. St., Oklahoma City. He recently completed his Ph. D. with Dr. E. S. Beneke at Michigan State University.

Dr. A. L. Carrion, for many years Associate Professor in Dermatology and Executive Head, Dept. of Dermatology and the Mycology Laboratory of the School of Tropical Medicine, Columbia Univ., San Juan, Puerto Rico, has been appointed Lecturer in Dermatology and Mycology in the Coll. of Phys. and Surgeons, Columbia Univ.

Dr. Rowland H. Davis, formerly at Harvard and Cal. Tech., is now Asst. Prof. of Botany at the Univ. of Michigan. He specializes in Neurospora genetics.
Dr. Michael W. Dick, formerly with the Dept. of Botany, Univ. of Mich., has joined the Department of Botany, The University, Glasgow, Scotland.

Dr. Albert H. Ellingboe, Research Fellow with Dr. John Raper at Harvard for the past two years, has been appointed Asst. Prof. in Plant Pathology at Michigan State University.

Dr. John J. Ellis has joined the ARS Culture Collection, Peoria, Ill., as Associate Mycologist. Dr. Ellis formerly was with the Dept. of Biol., Wartburg College, Waverly, Iowa.

Dr. A. A. Fantini recently joined the Microbiology Dept., Biochemical Research Sect., Lederle Laboratories, Pearl River, N. Y. Dr. Fantini received his training in microbial genetics with Dr. L. S. Olive, Dept. of Bot., Columbia Univ.

Mr. Tad Filer has been appointed Instructor and Jr. Plant Pathologist at Washington State University.

Dr. Clarence C. Gordon recently completed the requirements for the Ph. D. at Washington State University and has accepted a position at Montana State University in the Dept. of Botany.

Dr. Richard T. Hanlin became Assistant Plant Pathologist, Dept. of Plant Pathology, Georgia Expt. Station, Experiment, Ga., as of Sept. 1. He formerly was a graduate student at the Univ. of Michigan.

Dr. Elizabeth L. Hazen, former Associate Bacteriologist, Div. of Laboratories and Research, New York State Dept. of Public Health, and former Associate Professor of Microbiology in the Albany Medical School, has joined the College of Physicians and Surgeons, Columbia. Univ., as full-time Guest Investigator.

Dr. Y. Chen (Tokyo), Dr. P. G. Williams (Wisconsin), and Dr. T. A. Dobson (Nottingham) have taken National Research Council (Canada) post-doctoral fellowships in the Physiology and Biochemistry of Fungi Section of the Prairie Regional Laboratories, Saskatoon, Sask., with Drs. R. H. Haskins, G. A. Ledingham, and L. C. Vining. Completing NRC post-doctoral fellowships in these laboratories are: Dr. C. de Waart, returning to Amsterdam, Holland; Dr. R. Siepmann, now in Bremerhaven, Germany; Dr. H. J. Reisener, returning to Freiburg/Breisgau, Germany; and Dr. G. A. White, going to Oregon State College at Corvallis.

According to Dr. Wm. Bridge Cooke, Dr. Ronald F. Lewis has joined the R. A. Taft Sanitary Engineering Center, Cincinnati, Ohio, after doing post-graduate work at Hopkins Marine Station. Dr. Lewis will study those "higher bacteria" important in iron and sulfur transformations and water pollution. In the Microbiology Section, Dr. Lewis works with Mr. Harold F. Clark's group.

Two new Plant Pathologists recently were added to the staff of Dr. E. L. Waldee, Agr. Res. Advisor, USOM/Jordan. These are: Dr. Subhi Qassem, who studied with Dr. Clyde Christensen, Univ. of Minn., and Dr. Khalil Lubani, who studied with the late Dr. M. B. Linford, Univ. of Illinois.
Dr. Donald D. McLain, Jr., has joined the Mycology and Taxonomy Section of the Plant Research Inst., Canada Dept. of Agr., Ottawa. He received his Ph. D. in Botany from the Univ. of Ill. in June, 1960.

Dr. Ralph Morrison, formerly of the Dept. of Botany, Indiana Univ., has joined the Dept. of Biology, Woman's College, Univ. of North Carolina, as Instructor in Biology.

Dr. Walter Obrist, who has held a post-doctoral fellowship at the University of Toronto for a year and a half is returning to Zurich, Switzerland in February, 1961. He has a position in the Federal Inst. of Technology, Technische Hochschule.—Dr. Roy F. Cain.

Dr. Takumi Izuno was appointed Horticulturist at the Hawaii Agr. Expt. Station, East Hawaii Branch at Hilo, in October, 1960.—Dr. Shosuke Goto.

According to Dr. M. A. Pisano, Drs. Catherine E. Fuscaldo (Mich. State Univ.) and Harry S. McDonald (U.C.L.A.) have been appointed to the staff of the Biology Department of St. John's Univ., Jamaica, N. Y.

Dr. Thomas R. Pyke, who recently finished the requirements for the Ph. D. at Purdue University, is now with the Squibb Inst. for Medical Research, New Brunswick, N. J.

Dr. J. Rippon, formerly of the T. B. Research Section, V. A. Hospital, Hines, Ill., has joined the faculty of the Dept. of Biological Sciences, Loyola University, Chicago, Ill., where he teaches microbiology and mycology. He has been retained as consultant biochemist at the V. A. Hospital.

Dr. Robert L. Shaffer has been appointed Curator of Fungi in the Univ. of Michigan Herbarium and Assistant Professor of Botany in the Dept. of Botany. He formerly was with the Dept. of Botany, Univ. of Chicago.

Dr. Bernard J. Sloan, formerly Mycologist with the Medical Research Labs., Chas. Pfizer and Co., Groton, Conn., is now with the Research Labs., Parke, Davis and Co., Detroit, Mich.

Dr. Donald H. Spalding has completed his Ph. D. at Washington State University and has accepted a position with the Agr. Res. Service, U.S.D.A., Wenatchee, Wash.—Dr. Charles Gardner Shaw.

Recently appointed as Instructors in the Dept. of Plant Pathology at the Univ. of Calif., Berkeley, are Dr. A. R. Weinhold (U. C., Davis) and Dr. T. A. Toussoun (U. C., Berkeley).

Dr. Thomas D. Wyllie was appointed Asst. Prof. in the Dept. of Field Crops, Univ. of Missouri, Columbia, in Sept., 1960. He formerly was a research fellow, Dept. of Plant Path. and Botany, Univ. of Minn.

In July, 1960, Dr. William D. Yerkes, Jr., was appointed Biologist with the Pioneering Res. Lab., Kimberly Clark Corp., Neenah, Wis. He formerly was Plant Pathologist, Rockefeller Foundation, Mexico, D. F.

XIX. NEWS OF GENERAL INTEREST

Ayerst Research Laboratories, P. O. Box 6115, Montreal, Canada.

Dr. Claude Vezina has been appointed head of this new group of Industrial microbiologists which also includes Drs. S. N. Sehgal and K. Singh and Mr. W. Bouchier. Dr. Vezina received his Ph. D. in 1956 at the Univ. of Wis. under Dr. K. B. Raper and he has since been teaching at the Oka Agr. Inst., Ottawa. Drs. Sehgal and Singh have been post-doctoral fellows at the National Research Council in Ottawa for the past two years.

Inst. de Micologia, Univ. do Recife, Av. Rosa e Silva, 347, Pernambuco, Brazil.

A catalogue of fungus cultures is available. Write Dr. A. Chaves Batista.

Duke University Marine Laboratory.

The Mycology Section has moved into new quarters—a five room laboratory.—Dr. T. W. Johnson, Jr.

Memorial for Dr. B. O. Dodge.

A memorial program honoring the late Dr. B. O. Dodge was held at Columbia University on October 25, as a special meeting of the Torrey Botanical Club. The program was organized by Dr. Annette Hervey. Speakers were: Drs. W. J. Robbins, Chm., P. P. Pirone, L. S. Olive, E. L. Tatum, and C. C. Lindegren. The program is to be published in a forthcoming issue of the Torrey Club Bulletin.


A second mushroom research building has been completed recently at Penn. State bringing physical facility investment for this specialized program during the past three years to $100,000.

The Fifth Annual Mushroom Industry Short Course presented June 20-22, 1960, was attended by 165 delegates from 18 states and 5 foreign countries.

—Dr. Leon R. Kneebone

Second Congress of European Mycologists.

The Second Congress of European Mycologists was held in Czechoslovakia Aug. 29 to Sept. 4. About 250 attended from more than 20 countries. The only guests from America were Dr. and Mrs. Josiah L. Lowe, who found the Congress a most pleasant and rewarding experience. The first and last two days of the Congress were occupied with formal meetings at Prague; the intervening time was spent on an extensive collecting trip by bus in the western half of the country, climaxed by an extraordinarily impressive exposition of fungi at Brno, where over 400 species of fresh fungi were displayed. More than 50 species of edible fungi were served to the members of the Congress, and there was a comprehensive demonstration of the importance of fungi in the economy of Czechoslovakia. At the conclusion of the Congress a collecting trip to eastern Czechoslovakia was made and, according to reports, was most successful.—Dr. J. L. Lowe.

University of Miami, The Marine Laboratory, Miami 49, Fla.

Dr. S. P. Meyers would like to hear from members interested in all aspects of mycology and microbiology related to the deep sea. Opportunities for shipboard studies are increasing and several openings for microbiological personnel exist on cruises planned for 1961-1962. Comments on an informal gathering at the 1961 AIBS meetings to discuss the participation by mycologists in deep sea microbiology and microbiological expeditions will be most welcome.
University of Michigan Herbarium.

The University of Michigan Herbarium was honored by the receipt of a grant from the National Science Foundation for $175,000 to aid in bringing its holdings together and making them more available for scientific study. In June the Herbarium was moved into new, much enlarged quarters which, with the additional help furnished by the grant, will greatly facilitate progress of the major research projects of the Herbarium. In the Mycological division these include: Monograph of Russula by Dr. R. L. Shaffer; The Fleshy Basidiomycetes of the Western United States by Dr. A. H. Smith; A revision of the Agaricaeae of Michigan by A. H. Smith and R. L. Shaffer; and monographs for North America of Lactarius and Hygrophorus by L. R. Hesler and A. H. Smith.

USOM/Jordan, Department of State, Washington 25, D. C.

The Ministry of Agriculture of Jordan has established a Department of Scientific Research with the assistance of Point IV. Dr. Salim Nashef is Director. Staff includes two Plant Pathologists with Ph. D. degrees and two assistants with B. S. degrees. The department was established in 1958 and the plant pathology staff added in 1959 and 1960.—Dr. Edward L. Waldee, Agr. Res. Advisor.

Pennsylvania State University, University Park, Pa., Dept. of Botany.


XX. OTHER NEWS ABOUT MEMBERS

Dr. Sara Bache-Wiig retired in June, 1960, as Associate Professor Emeritus of Botany, Smith College.

Dr. Roy F. Cain, Acting Chairman, Dept. of Botany, Univ. of Toronto, spent a month during the summer of 1960 collecting coprophilous fungi in Colorado, New Mexico, and Mexico.

Persons en route to Purdue for the AIBS meetings next summer via Rt. 50 or other routes passing through Cincinnati are invited to visit the R. A. Taft Sanitary Engineering Center, especially if this visit is timed to occur before the foray.—Dr. Wm. Bridge Cooke.

As of July 1, 1960, Prof. E. B. Mains, Director of the Univ. of Mich. Herbarium, and Dr. B. B. Kanouse, Curator of Fungi, retired. However, both plan to continue work on various mycological problems.

Dr. J. B. Kendrick, Chairman of the Dept. of Plant Pathology, Univ. of Calif., Berkeley and Davis, retired July 1, 1960. Dr. L. D. Leach now is Chairman and Dr. W. C. Snyder is Vice-Chairman.

Dr. A. G. Plakidas, plant pathologist of the Dept. of Botany, Bact., and Plant Path., Louisiana State University, retired this year. He spent the summer visiting Greece and other parts of Europe.

XXI. VISITING SCIENTISTS

Guests of the Dept. of Biology and Botany, Univ. of British Columbia,
Vancouver, last summer were Drs. J. H. B. Garner, Univ. of Indonesia, and S. J. Hughes, Canada Dept. of Agr., Toronto. Dr. G. C. Hughes, III, is spending a post-doctoral year at Vancouver studying marine fungi of the region.—Dr. R. J. Bandoni.

Prof. Dow V. Baxter, Univ. of Mich., visited the Dept. of Plant Path., Univ. of Calif., Berkeley, following his 19th collecting trip to Alaska last summer.

Dr. E. S. Beneke, on leave of absence for 6 months with the Organization of American States to teach and do research in Medical Mycology at the Veterinary School, Rural Univ. of Minas Gerais, Belo Horizonte, Brazil, returned to Michigan State University Sept. 15, 1960.

Dr. Clyde Christensen, Univ. of Minn., visited the laboratory of Dr. Elizabeth S. Gross, Univ. de los Andes, Bogota, Colombia, for a month for discussions of grain storage problems.

Dr. Margarita Silva reports several visitors to the College of Phys. and Surgeons, Columbia Univ., during 1960. Paying short visits were: Dr. Francois Mariat, Chief of Laboratory, Pasteur Institute, Paris; Sir Aldo Castellani, Inst. de Med. Tropical, Lisbon, Portugal; and Dr. Harukuni Urabe, Dept. of Dermatology, Kyushu Univ., Japan. In addition, two special students remained for periods of approximately two months each: Dr. Yongyoot Sujjavanich, Dept. of Path., Chulalongkorn Hosp., Bangkok, Thailand, and Dr. Hermano Neves, Mycology Laboratory, Dept. of Dermatology, Lisbon Med. School, Lisbon, Portugal.

Dr. K. S. Thind, Punjab Univ., India, and Dr. Irma Gamundi de Amos, Univ. of Buenos Aires, visited Cornell University during the past summer to work with Dr. R. P. Korf on discomycete problems.

Dr. Kiyowa Aoshima, Forest Pathologist and Mycologist, from the Government Forest Experiment Station in Tokyo, Japan, spent the month of September, 1960, collecting forest fungi in Colorado. He was located at the Forest Disease Laboratory in Fort Collins. From October 1, 1960, to March 15, 1961, Dr. Aoshima will be working in the Forest Disease Laboratory at the Plant Industry Station, Beltsville, Md. Later he will study with Dr. Mildred K. Nobles of the Forest Disease Laboratory in Ottawa, Canada, and will visit several of the forest research stations in other parts of Canada.... Dr. Robert L. Gilbertson spent two weeks during the first part of September, 1960, working in cooperation with the Forest Disease Laboratory at the Plant Industry Station.—Dr. Ross W. Davidson.

Dr. C. W. Emmons reports the following recent visitors to his laboratory at the National Institutes of Health, Bethesda, Md.: Dr. F. Mariat, Pasteur Institute, Paris, France; Dr. Osamu Kitamoto, President, Inst. of Infectious Diseases Hospital, Univ. of Tokyo; and Dr. Antonio V. Jaenaline, Dept. of Medical Microbiology, Univ. of the Philippines.

On June 30, 1960, Dr. Chester W. Emmons visited the School of Veterinary Medicine and the Dept. of Biology, Texas A. and M. College, College Station, Texas, and delivered a lecture entitled "Mycoses of Animals."—Dr. Charles E. Miller.

Dr. T. M. Jen of Formosa is the China Medical Board Fellow for 1960-1961 at the Duke Univ. School of Medicine, Durham, N. C.—Dr. N. F. Conant.
Recent visitors to the Dept. of Plant Pathology, Univ. of Calif., Berkeley, were: Dr. Karl Björling, Univ. of Uppsala, Sweden; Dr. Z. A Patrick, Canada Dept. of Agr., Harrow, Ontario (on leave); and Dr. Charameddine Scharif, Ministry of Agr., Tehran, Iran.—Dr. M. W. Gardner.

Dr. J. G. Harrar, Vice-President, Rockefeller Foundation, visited the Univ. of Hawaii Agr. Expt. Station during October, 1960, while on a world tour......Dr. Coyt Wilson, Assoc. Director, Alabama Expt. Station led a group of eight Iranian scientists on a visit to the Univ. of Hawaii.—Dr. Shosuke Goto.

Dr. John S. Karling, Wright Distinguished Research Professor at Purdue Univ., presented six lectures on fungi during June at the Central Missouri State College, Warrensburg. He spent the remainder of the summer at the Chesapeake Biological Laboratory, Solomons Island, Md., as Consulting Biologist studying the etiologic agents of oyster mortalities in New Jersey, Maryland, and Virginia.

Dr. Jan Kohlmeyer, Berlin Museum, visited the Duke Marine Lab., Mycology Section, in the spring of 1960. He is known for his work on salt water fungi, particularly on the association of fungi with marine borers.—Dr. T. W. Johnson, Jr.

Dr. Hans Kutzner, Microbiological Inst., Rutgers Univ., visited the laboratory of Dr. N. M. McClung, Univ. of Georgia, in Sept., 1960.

Dr. Josiah L. Lowe spent five months, from May through most of September, in Europe this past summer. Four months were passed at Kew studying types and other specimens of polypores. Two weeks were spent visiting mycologists and herbaria in several Scandinavian countries and in Holland. Another two weeks were spent attending the Second Congress of European Mycologists in Czechoslovakia and in visiting the National Herbarium at Vienna where Dr. F. Petrak was a most engaging host.

Dr. W. Gunkel, Dept. of Microbiology, Biol. Anstalt Helgoland, Helgoland, W. Germany, visited the Marine Laboratory, Univ. of Miami, in September, 1960, during which time he presented a seminar on microbiological facilities at Helgoland.....Dr. N. Van Uden, Dept. of Microbiology, Inst. Bot., Univ. of Lisbon, Portugal, also spent the summer of 1960 in the Marine Laboratory working on littoral and pelagic yeasts. Currently, Dr. A. Capriotti, Inst. of Microbiology, Univ. of Perugia, Italy, is continuing the investigations of marine yeasts. Dr. Capriotti will be at the Marine Laboratory until the spring of 1961.—Dr. S. P. Meyers.

By coincidence, while I was preparing this section of the Newsletter, Bob Page of Stanford Univ., who is visiting his mother during the holidays, dropped in for a brief visit—a most pleasant and welcome diversion.—The Editor.

Dr. G. W. Martin visited the Biology Department of Fisk University, July 11-12, 1960. He was guest lecturer for the In-service Institute for High School Science Teachers sponsored by the National Science Foundation, and served as consultant for those attending the Institute.—Dr. M. E. Williams.

Dr. D. A. A. Mossel of the Central Inst. for Nutritional Research, Utrecht, Netherlands, visited the Baltimore Biol. Labs. recently.—Dr. H. D. Vera.
Dr. John T. Middleton, Dept. of Plant Pathology, Univ. of Calif., Riverside, Calif., visited the Laboratory of Pathology in Forest Practice, School of Natural Resources, Univ. of Michigan, during the latter part of April, 1960.—Dr. Dow V. Baxter.

Dr. Royall T. Moore, Cornell Univ., during the months of October, November, and December, 1960, is a visiting research fellow at the Division of Laboratories and Research, New York State Dept. of Health, where he is studying the fine structure of fungi using a Siemens electron microscope.

Recent visitors to the National Fungus Collections included: Wm. O. Davis, San Salvador, El Salvador; Rev. James Gomez, Bogota, Colombia; Dr. Oscar Tovar, San Marcus Univ., Peru; Dr. Winit Changsri, Bangkok, Thailand; G. Leslie Britton, Saigon, Vietnam; Dr. W. F. de Almeida, Sao Paulo, Brazil; Dr. Keiji Sawada, Yokohama, Japan; and Dr. Kiyowo Aoshima.—Dr. Chester R. Benjamin

Dr. Paul Neergaard visited the Imperial Ethiopian College of Agr. and Mech. Arts, Dire Dawa, Ethiopia, in June, 1960.—Dr. Robt. B. Stewart.


Dr. G. L. Hennebert, Louvain, Belgium, is working with Dr. S. J. Hughes, Plant Res. Inst., Ottawa, Canada, sponsored by a National Research Council Post-Doctoral Fellowship.

Dr. R. S. Third, Mycologist, Univ. of Punjab, visited West Virginia Univ. during the week of Sept. 12, 1960.—Dr. H. L. Barnett.

Dr. E. W. Buxton, Rothampstead, will complete a year’s stay at the Central Research Laboratories, United Fruit Co., Norwood, Mass., in March, 1961.—Dr. Roger D. Goos.

Recent guests at the Mycological Laboratories, Univ. of Mass., Amherst, were: Dr. Bessie B. Kanouse, former Curator of Fungi, Univ. of Mich.; Dr. and Mrs. J. Walton Groves and Dr. Maria Pantidou of the Mycological Section, Science Service, Ottawa.—Dr. Howard E. Bigelow.

Dr. N. Van Uden recently returned to the Inst. of Bot., Univ. of Lisbon, after nine months in the United States where he did work on marine yeasts at the Scripps Inst. of Oceanography, La Jolla, Calif., and the Marine Laboratory, Univ. of Fla., Miami.

XXII. HONORS, DEGREES, PROMOTIONS, INVITATIONAL LECTURES

Dr. G. A. Atkins, Defense Standards Labs., Victoria, Australia, recently presented to the Australian Society of Plant Physiologists meeting at the Australian National Univ., Canberra, a paper on "Specific resistance of fungi to toxic compounds as a key to cell-wall permeabilities." Dr. Atkins also has been elected to membership in the Royal Society of Victoria.
Dr. A. Bakerspigel has been promoted to Assistant Professor in the Dept. of Bact. and Immunol., Univ. of Western Ontario, London, Ontario.

Dr. Thomas D. Brock, who recently was promoted to Assistant Professor of Bact. and Microbiol., Indiana Univ., Bloomington, presented an invitational paper entitled "Permeability and the mode of action of antibiotics" at the Antibiotics Symposium in Washington, Oct. 28, 1960.

As part of the celebration of the Dr. Bailey K. Ashford Memorial Lectureship, School of Medicine, Univ. of Puerto Rico, Dr. A. L. Carrion spoke on "Ashford, A Many Sided Man: The Mycologist."

Dr. John Cazin, Jr., has been promoted to Assistant Professor in the Dept. of Bact., State Univ. of Iowa, Iowa City.

Prof. R. Ciferri has been elected a member of the Academy of XL, an old Italian academy having not more than 40 national members eminent in some scientific field of study.

Dr. Ester A. Dick is now Research Associate in Botany at Brown Univ.

Dr. Stanley Dick and Yair Parag recently completed their Ph. D.'s at Harvard under the supervision of Dr. John Raper. Dr. Dick currently is a NATO Fellow with Prof. D. Lewis, Univ. College, London, and Dr. Parag is now a Research Associate with Prof. S. Emerson, Calif. Inst. of Tech.

Dr. C. W. Emmons and John P. Utz presented at the AMA meeting, Miami Beach, in July an exhibit on experimental studies and clinical trials of a new antymycotic antibiotic. It was awarded Honorable Mention by the Amer. Med. Assoc. At the III National Congress of Microbiology held in Mexico City, in October, Dr. Emmons presented a paper entitled: "Experimental Inhalation of Cryptococcus neoformans."

Dr. Marie Farr has been promoted from Associate Mycologist to Mycologist at the National Fungus Collections, Beltsville.

Dr. M. S. Fuller, Brown Univ., was promoted from Instructor to Assistant Professor of Botany, on July 1, 1960.

By invitation, Dr. Morris A. Gordon, N. Y. State Dept. of Public Health, Albany, participated in a seminar on Fluorescent Antibody at the San Francisco meeting of the Amer. Public Health Assn., Oct. 31-Nov. 4. His topic: "Diagnostic usefulness and limitations of fluorescent antibody techniques in mycotic diseases."

Drs. Elizabeth L. Hazen and Margarita Silva each presented invitational papers at the Second Conference in Medical Mycology held by the New York Academy of Sciences on January 11 and 12, 1960. Dr. Hazen's paper, in collaboration with Dr. Rachel Brown, was entitled: "Nystatin." The title of Dr. Silva's paper was: "Growth Characteristics of the Fungi of Chromoblastomycosis."

Dr. Robert M. Johns, Dept. of Botany, Indiana Univ., Bloomington, has been promoted to Assistant Professor.

Dr. Richard P. Korf, Cornell Univ., was elected a Fellow of the New York Academy of Sciences on Dec. 1, 1960.

Dr. Leon R. Kneebone, Penn. State Univ., was promoted to Professor of Botany and Plant Pathology on July 1, 1960. He has been made an Honorary Life Member of the American Mushroom Institute and an Honorary Member of the Mushroom Growers Association of Great Britain. Dr. Kneebone recently gave a series of lectures on various facets of commercial mushroom production to groups of growers in Santa Cruz, Calif., Mt. Prospect, Ill., Ravenna, N. Y., and Cheswick, Pa.

Dr. Paul Lentz has been promoted from Mycologist to Senior Mycologist at the Bureau of Plant Industry, Beltsville, Md.

Dr. Robert W. Lichtwardt, Dept. of Botany, Univ. of Kansas, Lawrence, has been promoted to Associate Professor of Botany.

By invitation, Dr. Norvel M. McClung reviewed the morphology of actinomycetes in the genus Nocardia at the annual meeting of the Microbiological Society of Mexico, Oct. 11-16.

Dr. Michael A. Pisano, St. John's Univ., was promoted to Professor of Biology on Sept. 1, 1960.

Dr. John R. Raper, Harvard Univ., presents an invitation paper at the Symposium on Genetics and Growth of the Higher Basidiomycetes sponsored by the Brit. Mycol. Soc., London, March, 1961. Dr. Raper is the recipient of a Guggenheim Fellowship and a Fulbright Research Award for the academic year 1960-1961. Objective: To try to develop a testable hypothesis of the mode of action of the incompatibility mechanism in tetrapolar Hymenomycetes. Experimental work is being done at the Botanical Institute of the Univ. of Köln, West Germany, in collaboration with Dr. Karl Esser. Numerous visits to other laboratories are anticipated next August.

Dr. Charles Gardner Shaw has been appointed Acting Chairman of the Dept. of Plant Pathology, Washington State Univ., for one year. Dr. George W. Fischer continues as Acting Dean of the College of Agriculture at Washington State.

Dr. A. H. Smith, Univ. of Mich., visited the Dept. of Botany, Univ. of Toronto, on Dec. 1 and 2, 1960, where he delivered three lectures on the modern approach to the study of relationships of Agaricales and Gasteromycetes.—Dr. Roy F. Cain.

Dr. Robert B. Stewart has been promoted to Head, Dept. of Plant Sciences, Imperial Ethiopian College of Agr. and Mech. Arts, Dire Dawa, Ethiopia.

Dr. H. D. Vera has been named Director, Quality Control of Laboratory Products, Becton, Dickinson Co., Rutherford, N. J. Dr. Vera has been Research Microbiologist, Baltimore Biological Lab. Division.
Dr. Harry D. Thiers, San Francisco State College, recently addressed the California Botanical Society on "The genus Boletus—its Taxonomy and Distribution," and the San Francisco Mycological Society on Mushrooms of the Gulf Coastal Area.

In January, 1960, Dr. N. Van Uden, Univ. of Lisbon, Portugal, spoke on Candida and other yeasts in the intestinal tracts of animals at the Conference on Medical Mycology of the New York Academy of Sciences.

Dr. Edward L. Waldee has been appointed Agricultural Research Advisor, USOM/Jordan; he previously was Plant Pathology Advisor.

Dr. L. J. Wickerham, Northern Utilization Research and Development Division, Peoria, Ill., participated in a symposium on fungus physiology during the Third National Congress of Microbiology held in Mexico City in October. His topic was "Sexual and Biochemical Changes which Characterize the Evolution of the Genus Hansenula."

**XXIII. THE F₁ - F₂ GENERATIONS**

**THE F₁ - 4:4**

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A daughter, Linda, born May 18, 1960, to Dr. and Mrs. Oscar H. Calvert. Dr. Calvert is with the Dept. of Field Crops, Univ. of Missouri.

Dr. and Mrs. Norman D. Davis, Auburn Univ., Auburn, Ala., announce the arrival September 7, 1960, of Beverly Anita.

A third daughter, Deborah Carol, was born to Mrs. William J. Koch, in January, 1960. Deborah's father is on the staff of the Botany Dept., Univ. of North Carolina, Chapel Hill.

Noni, first child of Dr. and Mrs. R. P. Korf, Cornell Univ., Ithaca, N. Y., was born May 30, 1960.

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John and Mary Lois Cazin have a new son, Jonathan; Dr. Cazin is with the Dept. of Bact., State Univ. of Iowa, Iowa City.

Mark E. Ehrlich was born Jan. 16, 1960, to Dr. and Mrs. Howard G. Ehrlich, Duquesne Univ., Pittsburgh, Pa.

Dr. and Mrs. Melvin S. Fuller, Brown Univ., have a new son, Scott Eliot, born Oct. 12, 1960.

Dr. and Mrs. Albert O. Williams announce the arrival of a son, Anthony Ervin, on Aug. 25, 1960. Mrs. Williams (Marion E.) is on the biology staff at Fisk Univ., Nashville, Tenn.

**THE F₂ - 0:1**

Dr. C. W. Emmons reports that his first grandson (fourth grandchild) was born in July, 1960, and at the age of 3 months took his parents to London where his father is studying mycology, etc., in the London School of Hygiene.

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XXIV. OUR AFFILIATED SOCIETIES


On April 25, 1960, the 65th Annual Meeting of the Club was held and the following officers were elected for the coming year:

President.......................... Dr. William C. Boyd
Vice-President........................ Mr. Walter J. Shea
Treasurer.......................... Mr. Julian W. Ballou
Secretary.......................... Mrs. John G. Curtis
Executive Committee................. Mr. Robert T. Paine, Jr.

Accompanying the Club's Bulletin No. 1 issued in January, 1960, was a folder listing a number of interesting mushroom recipes together with hints for cooking mushrooms.

Oregon Mycological Society, 1507 S.W. 13th St., Portland 1, Ore.

A most successful Mushroom Show was held by the Oregon Mycological Society at the Oregon Museum of Science and Industry on Sunday, Oct. 16, 1960. There were about 285 species displayed attractively in beds of moss. Lectures were scheduled every hour on the hour during the afternoon. The lecturers were Joe Howard and Lynn Carson of Portland and Virginia Wells, a member who resides in Anchorage, Alaska.

Six of our members motored to Yakima, Wash., on Oct. 20 to assist the Men's Garden Club with their 2nd. Mushroom Show. It was a nice show and we felt well repaid for the efforts we made to assist them.

—Elna L. Wiehe, Sect.

Mycological Society of San Francisco, Randall Junior Museum, San Francisco 14, Calif.

Officers elected for the 1960-1961 period are:

President.......................... Mr. Frank Danis
Vice-President........................ Mr. Vincent Coio
Secretary.......................... Miss Ester Whited
Treasurer.......................... Mrs. Helen Brooks

XXV. MYCOLOGICAL POETRY

Several items have been submitted for this section; because of the length of this Newsletter only the following are published here. Others will appear in the June issue.

COLD WEATHER RESISTANCE

Isn't it remarkable that Gnomonia
Can spend the winter under snow
Without catching pneumonia!

IF APHANOMYCES COULD SEE

I wonder what Aphanomyces
While rummaging through
Root cells of peas!

—John L. Cunningham,
Univ. of Wisconsin
Come everybody, gather round; get ready for a treat;  
The subject of my discourse is  

THE MYXOMYCETE

I grieve to say the history with scandal will be rife,  
For every Myxo is compelled to lead a double life.  
At first, in piles of rotten leaves, in sodden logs or stumps,  
 Pretending to be animal, it crawls and creeps and clumps,  
Then, ere it shifts to fungous form, it seeks the outer air,  
And if your eyes are keen enough you're sure to find it there.  
As animal, the shape it takes we call plasmodium (1);  
Bacteria and yeasts and spores serve as its pabulum (2);  
It eats them all and goes its way and waxes fat and strong,  
Nor ever wonders whether such behavior may be wrong.  
Its lack of moral scruple is without a doubt complete;  
No conscience has been noted in the Myxomycete (3).  
Anon its fruiting stage begins. Before our startled eyes  
It hastens to transform itself into a fungus guise.  
With curious excitement all its veins become suffused,  
Its nuclei meiotically divide and are reduced (4).  
Into aethaliurn, sporange, or curved plasmodiocarp  
The change is sudden, quick, abrupt, distinct, decisive, sharp (5).  
It gleams as iridescent orbs (6) or waves as feathered plumes (7),  
Or livens up a bit of bark with particolored blooms (8);  
Or turns a dingy fallen leaf into a beauty-spot (9);  
But some of them, I must confess, are not so very hot (10).  
The firm peridium dries and splits and through each tiny tear  
Each passing breeze releases spores by clouds into the air,  
Until some capillitial tufts, an empty stalk or two,  
Are all that's left to mark the place whereon the slime mold grew.  
But now the spores have dropped by scores in humid cul-de-sacs;  
There each small cell begins to swell and soon the spore wall cracks;  
Out slips a protoplasmic globe which squirms a bit and then  
Develops a flagellum and thus swims beyond our ken (11).  
It eats, divides, and eats again, but soon there comes a time  
When food tastes flat, and life like that seems scarcely worth a dime.  
Each lonely little swarm-cell seeks to find a fitting mate,  
And round and round they dance in pairs, nor ever hesitate (12).  
They closer press, the clasp grows tight, and soon the two are one,  
The nuclei fuse, flagella are retracted, and its done (13).  
This is the new plasmodium. The cycle now repeats;  
It joins with others, crawls around, and eats and grows and eats,  
And in its time it fruits again, and so the tale is told  
Of this, as every living thing, forever new, though old (14).  

The morals of my tale are neither many nor profound,  
And since they are the common sort that everywhere abound,  
I will not waste your time and mine by trying to expound:—  
Just help yourself to what you want and pass the rest around.  


—C. W. Martin