MYCOLOGICAL SOCIETY OF AMERICA NEWSLETTER

Vol. XIV, No. 1 June 1963
Edited by Emory G. Simmons

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Pioneering Research Division
Natick Laboratories, U. S. Army
Natick, Massachusetts
Members of the Mycological Society of America:

First, may I express my deep appreciation for the privilege and honor of serving as your President the past year.

Thanks to our Editor-in-Chief, Dr. Clark T. Rogerson, and all of you who have cooperated so willingly with him, MYCOLOGIA has survived the crisis and publication is now back on schedule. This accomplishment has put us in a position to persuade biologists in related fields of interest to become members of our society. To this end, each of us should support the efforts of the Membership Committee.

Thanks are also due to our new Secretary-Treasurer, Dr. Emory G. Simmons, for a fine job of handling the Newsletter and the other numerous duties of his office, and to those who have willingly accepted various committee assignments that require time from their regular duties.

We must also recognize the foresight and enthusiasm of Dr. Russell B. Stevens in his efforts in promoting a Guidebook for Mycology Teachers in the interests of improving mycological instruction.

The future of mycology, with its many fascinating research problems, is brighter than ever before. It is our responsibility to "sell" our science to promising young biologists and to give them the right kind of advice and training so that they can make the most of their opportunities. We must educate and train young men and women in all fields of mycology, not forgetting the basic need for taxonomists or the need for basic training in related sciences.

I hope that all of you have had a successful year and have had fun with the fungi. I hope to see you at the meetings at Amherst.

H. L. Barnett
President
II. THE ANNUAL FORAY—AMHERST

August 24-26, 1963

Drs. Howard E. and Margaret E. Bigelow are the local committee in charge of the Foray. Dr. Wm. Bridge Cooke will act as recorder.

Headquarters will be maintained in Room 205, Morrill Science Center, with field trips departing from and returning to the campus each day. Library, laboratory, and drying facilities will be available. Individuals should provide their own collecting and pressing equipment.

Field trips are scheduled for Saturday, Sunday, and Monday, August 24, 25, and 26. Saturday's field trip will be to Conway State Forest, a round trip of about 35 miles. Sunday's field trip will be to Mt. Toby State Reservation, a round trip of about 20 miles. Monday's field trip will be to Savoy Mountain State Forest, a round trip of about 100 miles.

Assembly point for start of field trips. On Saturday and Monday the trips will leave at 8:00 a.m. daylight saving time from the parking lot south of Morrill Science Center and Clark Hall. Sunday's field trip will leave at 9:00 a.m. from the same place.

Transportation will be by one bus and private cars on all three days. The bus must be used to capacity to alleviate convoy difficulties and parking limitations at the collecting sites.

Meals. Sack lunches will be available for all three days. These can be obtained each day at the University Dining Commons during breakfast. Breakfast and dinner also will be on an individual basis.

Housing. Limited university housing will be available the week prior to the AIBS meetings. Details of housing, as well as preregistration forms, have been published in the AIBS Bulletin. Persons not receiving the AIBS Bulletin should write directly to Mr. H. C. Durgin, University Conference Coordinator, South College, University of Massachusetts, Amherst, for housing information and preregistration forms.

The foray committee requests, if you plan to attend the foray, that you please complete and send the form printed below to: Dr. H. E. Bigelow, Department of Botany, University of Massachusetts, Amherst, by August 1.
III. THE ANNUAL MEETING—1963. UNIVERSITY OF MASSACHUSETTS.

The Annual Meeting will be held August 27-31, 1963, on the campus of the University of Massachusetts, Amherst. Information on housing accommodations and food service has been published in the April issue of the AES Bulletin. You are urged to preregister before August 1, 1963. The fee until August 1 is $10.00; the preregistration fee for graduate students is $3.00. The fee for all delegates who wait to register on arrival in Amherst is $12.00. An application form is appended to this issue of the NEWSLETTER.

Dr. H. L. Barnett will deliver his presidential address "Mycoparasitism". The fourteenth annual lecture will be presented by Dr. K. B. Raper: "Patterns of Aggregation and Differentiation in the Acrasieae".

Formal meetings of the Society begin on Tuesday, August 27. Seven half-day sessions have been arranged. Five of these include papers contributed by MSA members. The other two are joint sessions of the Mycological Society and the Microbiological Section of the Botanical Society of America. One of the joint sessions is in the form of a symposium, "Versatility among the Fungi", with speakers R. Emerson, H. C. Whisler, T. W. Johnson, and P. Cook.

Dr. Malcolm A. McKenzie, Director of Shade Tree Laboratories, University of Massachusetts, is local representative on program arrangements for the Mycological Society.

IV. MYCOLOGICAL SOCIETY GRADUATE FELLOWSHIP

The Committee on Research Grants and Publications, composed of Drs. Alma W. Barksdale, Chm., Kenneth B. Raper, and Josiah L. Lowe, has selected Mr. Larry J. Littlefield, Dept. of Plant Pathology and Botany, University of Minnesota, St. Paul, to be recipient of the Mycological Society Graduate Fellowship for 1963-1964. The stipend awarded was $750. An Honorable Mention award of $100 also was made to Mr. Donald T. Kowalski, University of Michigan, Ann Arbor.

V. ELECTION OF OFFICERS

Ballots for election of new officers to serve for 1964 have been prepared for distribution in June. Ballots may be returned to the office of the Secretary-Treasurer up to a few days before the beginning of the Annual Foray in August.

VI. MYCOLOGIA

MYCOLOGIA is now on a normal publication schedule. Enough manuscript has been reviewed and accepted for publication to complete the 1963 volume; manuscript is accumulating for the 1964 volume.

Our present income will allow us to publish 700-800 pages per volume. The critical need is for more income to publish more pages. Members should be aware of the release from NSF (19 October 1961) which presents a policy designed to help scientific journals to meet their costs in publishing research results. This program
allows applicants for research funds to include in their budget funds for honoring page charges of research publication. A recent survey by AIBS of 100 journals, including *MYCOLOGIA*, indicates that *MYCOLOGIA* should be able to obtain considerable support for page charges. Authors and their institutions should give careful consideration to this means of obtaining funds for publication of research in *MYCOLOGIA*. Additional income will help us to increase the number of pages. A thousand pages per volume should be our goal. — Clark T. Rogerson, Editor-in-Chief, The New York Botanical Garden, Bronx 58, New York.

VII. ARCHIVES

Dr. H. M. Fitzpatrick, Historian of MSA, 1931-1949, compiled 7 volumes of historical material as the Archives of the Society. An arrangement was made between Dr. Fitzpatrick and Dr. Seaver by which the Archives would be deposited permanently in the library of The New York Botanical Garden, where they would be available to mycologists for consultation (not to be loaned). Volume I consists of the tabulated results and questionnaires sent to mycologists in 1931 concerning the establishment of an independent mycological society in America; II contains a list of charter members and their applications for membership; III consists of letters of historical significance in the early days of MSA; IV contains programs, year books, membership lists, and presidential addresses for the period 1931-1943; V contains information on meetings, and photographs (mostly group photos at forays); VI, same as V for 1944-1958; VII, same as IV for 1944-1958. Volume VIII consists of the News-Letter, volumes 1-10, 1950-1959.


VIII. MEMBERSHIP

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

<table>
<thead>
<tr>
<th>Category</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Life Members</td>
<td>7</td>
</tr>
<tr>
<td>Regular Members</td>
<td>773</td>
</tr>
<tr>
<td>Sustaining Members</td>
<td>25</td>
</tr>
<tr>
<td>Affiliated Societies</td>
<td>5</td>
</tr>
<tr>
<td>Corresponding Members</td>
<td>2</td>
</tr>
<tr>
<td>Emeritus Members</td>
<td>13</td>
</tr>
<tr>
<td>Associate Members</td>
<td>50</td>
</tr>
</tbody>
</table>

With 875 members in all categories, the Society has a net gain of 54 members over last year at the same time. It is entirely possible that the membership
figure could reach 900 by the time of the August meetings, particularly if the 16 former members who were dropped from active membership in April for delinquency in 1963 dues should request reinstatement. Sixteen members resigned this year. No notices of death of members have been received since the issue of the December 1962 Newsletter.

With MYCOLOGIA on schedule and membership in a growth phase, the Membership Committee (R. H. Haskins, Chm.) is planning an active campaign for new members.

IX. 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

Consolidated Laboratories, Inc.
Colab and Oxoid Products for the Laboratory
Chicago Heights, Illinois

Difco Laboratory Products
The complete line of microbiological reagents and media

Fisher Scientific Company
Manufacturer-Distributor of Laboratory Apparatus & Reagent Chemicals
Mycological needs of all types in stock at convenient local branches

The Fleischmann Laboratories
Standard Brands, Incorporated
HEINICKE INSTRUMENTS COMPANY
Foremost Manufacturer of Laboratory Glassware Washers and Cage Washers
Hollywood, Florida

HOFFMANN-LA ROCHE, INC.
Pharmaceuticals, Vitamins and Aromatic Chemicals
Nutley 10, 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

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

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

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

PARKE, DAVIS & COMPANY
Pioneers in Better Medicines
Detroit 32, Michigan

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

REFINED SYRUPS & SUGARS, INC.
Yonkers, New York

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

THE UPJOHN COMPANY
Fine pharmaceuticals since 1886
Kalamazoo, Michigan

WALLERSTEIN COMPANY
Division of Baxter Laboratories, Inc.
Research and Production of Enzymes and Fermentation Chemicals
X. PUBLICATIONS

Publications Offered for Sale or Otherwise Available

Hagelstein, R. Reprints of some of the Hagelstein papers on myxomycetes still are available. Contact Dr. C. T. Rogerson, New York Botanical Garden, Bronx 58, N. Y.

MacBride, T. H. About 50 unused copies of "North American Slime Moulds", 1922 edition, are available free on request to Prof. M. A. Rosinski, Dept. of Botany, State University of Iowa, Iowa City, Iowa.


Velenovsky, J. Novitates Mycologicae Novissimae. Dr. Rolf Singer has a copy offered in exchange for mycorrhiza literature. Florida 656, Buenos Aires, Argentina.

Publications Wanted


Lloydia, vols. 7, 8, and 9 (1944-1946). Wanted to purchase by Prof. Richard P. Korf, Dept. of Plant Pathology, Cornell Univ., Ithaca, N. Y.


Waksman, S. A., Humus. Dr. W. Bridge Cooke, 1135 Wilshire Ct., Cincinnati 30, Ohio.


Miscellaneous:

Keys for imperfect fungi. Dr. Lorraine Friedman (address above).

Papers dealing with the microflora of muck soils; literature dealing with yeasts in the soil and taxonomy of yeasts. Dr. Zofia Maciejowska, Instytut Ochrony Roslin, Reguly, p. Plastow, woj. Warszawa, Poland.

References to or reprints of taxonomic keys to fungi. Dr. Royall T. Moore, Electron Microscope Lab., Univ. of California, Berkeley l, Calif.
XI. RESEARCH MATERIALS

Cultures Available for Distribution


2. Microsporum vanbreuseghemii, a new dermatophyte species. -- Dr. Lucille K. Georg, Mycology Unit, Communicable Disease Center, Atlanta 22, Ga.

3. Many isolates of Dictyostelium mucoroides, D. discoideum, and other cellular slime molds from Central America will be available in the late fall of 1963. -- Dr. Donald M. Huffman, Dept. of Biology, Central College, Pella, Iowa.

Cultures, Collections, or Information Wanted

1. Any strains available of Nocardia asteroides and N. brasiliensis. -- Dr. Yousef Al-Doory, Dept. of Health N.Y.C., 125 Worth St., New York 13, N. Y.

2. Any specimens of Myxomycetes collected in the last two or three summers; collection data should accompany specimens. Mailing costs will be refunded gladly by Prof. C. J. Alexopoulos, Dept. of Botany, University of Texas, Austin 12, Texas.

3. Cultures of species of Leptosphaeria. -- C. J. Anastasion, Dept. of Biology & Botany, Univ. of British Columbia, Vancouver 8, B. C., Canada.

4. Recent collections of any species of Tremella which have been air dried at room temperature. -- R. J. Bandoni, Dept. of Biology & Botany, Univ. of British Columbia, Vancouver 8, B. C., Canada.

5. Telial material of Puccinia kansensis on buffalo grass. Rust collections (any spore stage) on Crotolaria spp. -- Dr. John Baxter, Univ. of Wisconsin at Milwaukee, 3203 N. Downer Ave., Milwaukee 11, Wis.

6. Fresh apothecia of Bulgaria inquinans for experimental work. -- Claire M. Berg, Botany Dept., Columbia Univ., New York 27, N. Y.

7. Luminescent Basidiomycetes, either fresh specimens or cultures. -- Dr. Martha D. Bernier, AVCO, Research & Advanced Development Div., 201 Lowell St., Wilmington, Mass.

8. Isolates of Thielaviopsis paradoxa. -- Dr. Arif S. El-Ani, Dept. of Botany, Columbia Univ., New York, 27, N. Y.

9. Fresh or dried needles of Abies spp. bearing fruiting material of a "black mildew" fungus (fam. Asterinaceae Hansf.) that forms large, black, epiphyllous blotches. -- Dr. M. L. Farr, National Fungus Collections, Plant Industry Station, Beltsville, Md.

10. Any recent collections of Diachea species. -- Robert G. Franke, Dept. of Botany, Univ. of Texas, Austin 12, Texas.

12. Cultures and voucher specimens of Rutstroemia, Lambertella, and Chlo­
splenum, as well as any collections of Discomycetes of Asia. -- Prof. Richard P.
Korf, Dept. of Plant Pathology, Cornell Univ., Ithaca, N. Y.

13. Perithecial strains of Glomerella cingulata. -- Dr. B. T. Lingappa,

14. Cultures of species of Botrytis (in particular not of the cinerea-type).
-- Prof. James W. Lorbeer, Dept. of Plant Pathology, Cornell Univ., Ithaca, N. Y.

15. Gelasinospora spp. -- Dr. James Maniotis, Dept. of Biology, Wayne State
Univ., Detroit 2, Mich.

16. Marine ascomycetous forms, especially isolates of Lulworthia. -- Dr.
Samuel P. Meyers, Institute of Marine Science, Univ. of Miami, 1 Hickenbacker
Causeway, Miami, Fla.

17. Any unidentified gymnoascaceous material from all substrates but espe­
cially from soil. Identified or tentatively identified Gymnoascaceae and organisms
which may be closely allied. -- Dr. G. F. Orr, Biological Div., Dugway Proving
Ground, Dugway, Utah.

18. Fresh collections of Badhamia (any species) and Physarum compressum. --
Dr. Ian K. Ross, Dept. of Biology, Yale Univ., New Haven, Conn.

19. Cultures of Fomes subroseus or F. roseus or fresh sporophores from
which these fungi may be isolated. If you have these or would be able to collect
them, please contact Dr. Lewis F. Roth, Dept. Botany & Plant Path., Oregon State
Univ., Corvallis, Ore.

20. Specimens of smutty onions of current crop, but specimens 1-2 years old
desired also. -- Dr. Ruben Duran, Dept. of Plant Pathology, Washington State Univ.,
Pullman, Wash.

Laboratory, Montreal Rd., Ottawa, Ont., Canada.

22. Oak mycorrhiza fungi. -- Dr. Rolf Singer, Florida 656, Buenos Aires,
Argentina.

23. Type cultures of yeast species that are not represented in the collection
of the CBS, Yeast Division, Delft, Netherlands. -- Dr. N. Van Uden, Dept. de Micro­

XII. MAJOR RESEARCH PROJECTS

Electron microscopy of luminescent and nonluminescent fungi. Use of fungi
in space satellite programs. Periodicity of physiological functions in fungi and
other microorganisms. -- Martha D. Berliner.

Brooklyn College, Dept. of Biology, Brooklyn 10, N. Y.
Investigations concerned with morphological variation, nutrition, and glu­
cose dissimilation in lower marine Phycomycetes are being carried out at present
by Drs. Solomon Goldstein and M. Belsky. The work is supported by a grant from
the National Science Foundation. -- S. Goldstein.
Central College, Dept. of Biology, Pella, Iowa.
Cytogenetic investigations of the cellular slime molds. -- D. M. Huffman.

Studies on the self-inhibition of germination of conidia of several fungi are being made by Drs. Yamuna and B. T. Lingappa under a 2-year grant received recently from the National Science Foundation. -- B. T. Lingappa.

Communicable Disease Center, Mycology Unit, Atlanta 22, Ga.

Cornell University, Dept. of Plant Pathology, Ithaca, N. Y.

Instytut Ochrony Roslin, Regul, p. Piastow, Warszawa, Poland.
A research project has been started on the microflora of muck soil with a special emphasis on fungi associated with root rots of crucifers. -- Zofia Maciejowska.

Iowa State University, Plant Introduction Station, Ames, Iowa.
The study of seed-borne pathogens on introduced plants is being expanded. Information is requested about Plasmopara or any other pathogen on Dimorphotheca, collected or observed in the United States or elsewhere on the American continent. -- E. E. Leppik.

Jacksonville University, Dept. of Biology, Jacksonville 11, Fla.
Collecting and work with Myxomycetes, with special interest in those occurring in Northeast Florida. -- D. B. Creager.

John Ohman and K. J. Kessler are conducting an investigation of sapstreak disease of sugar maple caused by Ceratocystis coerulescens. -- K. J. Kessler, Jr.

Natal Agricultural Res. Inst., Pietermaritzburg, South Africa.
Investigations of the nuclear cytology of Mycosphaerella pinodes. It is intended to widen the investigation to include other species of Mycosphaerella for comparative study. -- K. T. van Warmelo.

Plant Research Institute, Central Experimental Farm, Ottawa, Canada.
Experimental applications of computers to the taxonomy of fungi are being investigated by W. B. Kendrick and J. R. Proctor. -- J. W. Groves.

Purdue University, Dept. of Botany & Plant Pathology, Lafayette, Indiana.
Taxonomy and biology of the grass rust fungi of the Mexican border region. -- G. B. Cummins.
Ultra-violet microscopy of filamentous fungi and yeasts. A listing of the families of fungi with authorities, references, type genera and ordinal designation, where known. HELP!  -- W. E. Cooke.

Univ. of British Columbia, Dept. of Biology & Botany, Vancouver, Canada.
Studies of fungi occurring in alkaline lakes.  -- C. J. Anastasius.
Studies of the Tremellales.  -- R. J. Bandoni.

Univ. of California, Dept. of Plant Pathology, Berkeley, Calif.
David Teakle is working on transmission of plant viruses by zoospores of Pythium.  -- M. W. Gardner.

Univ. of Iowa, Dept. of Microbiology, Coll. of Medicine, Iowa City, Iowa.

Univ. of Kansas, Dept. of Botany, Lawrence, Kans.
Ambrosia fungi, fungi found inside insect galls, and taxonomy of Kansas Discomycetes.  -- L. R. Batra.

Univ. of Lisbon, Dept. of Microbiology, Inst. Botanico, Lisboa, Portugal.

Univ. of North Carolina, Dept. of Botany, Chapel Hill, N. C.
"Studies of the posteriorly uniflagellated series of fungi, especially Chytridiales, with emphasis on their motile cells" is a project being supported by a $26,500 N. S. F. grant awarded Jan., 1963.  -- W. J. Koch.

Univ. of Puerto Rico, Dept. of Plant Path., Agr. Expt. Sta., Rio Piedras, P. R.
Incidence, isolation, and identification of airborne fungi in relation to allergic diseases; project leader, Juan J. Vilella, M. D.  -- A. Sanchez-Miranda.

Univ. of Texas, Dept. of Botany, Austin, Texas.

Univ. of Wisconsin, Milwaukee, Wis.

Yale University, Dept. of Biology, New Haven, Conn.
Investigations on the cytology and sexuality of Myxomycetes grown in pure culture.  -- I. K. Ross.

XIII. MYCOLOGICAL INSTRUCTION AND NEW COURSES

Brooklyn College
Introductory Mycology (Morphology and Nutrition), Biology 217, will be given in Spring 1964. (Dr. S. Goldstein, Dept. of Biology, Brooklyn Coll., Brooklyn 10, N. Y.)
Communicable Disease Center
Three courses in Medical Mycology are presented each year at the C.D.C.: 
a. Laboratory Methods in Medical Mycology - 4 weeks; b. Laboratory Methods in 
the Study of Pulmonary Mycoses - 2 weeks; c. Laboratory Diagnostic Methods in 
Veterinary Mycology. For further details, obtain Training Bulletin. (Dr. 
Lucille K. Georg, Communicable Disease Center, Atlanta 22, Ga.)

Univ. de Buenos Aires
A mycology course is offered each year. (Dr. Rolf Singer, Fac. Ciencias 
Exactas y Naturales, Univ. de Buenos Aires, Florida 656, Buenos Aires, Argentina.)

State Univ. of Iowa
"Field Mycology" is being offered at the Iowa Lakeside Laboratory Summer 
Session, June 10 to July 12. (Prof. M. A. Rosinski, Dept. of Botany, State Univ. 
of Iowa, Iowa City, Iowa.)

Jacksonville University
"Jacksonville University, being only 7 years old as a full 4-year university, 
is in the process of rapid building. Botany is one phase which really needs 
building up. A mycology course is in the hands of the Curriculum Committee at 
the present time and I'm hoping the course will be approved and be started in the 
fall trimester of 1963. My duties here are to build up botany, mycology, other 
more basic courses such as general botany, plant taxonomy, and ecology are already 
established in the curriculum. Courses in plant anatomy and morphology and plant 
physiology are in our plans, also." (Prof. D. B. Creager, Dept. of Biology, 
Jacksonville Univ., Jacksonville 11, Fla.)

Univ. of Michigan
Courses being offered at the Univ. of Michigan Biological Station, Douglas 
Lake, Mich., in Summer 1963 include Phycomycetes (F. K. Sparrow) and Higher Fungi 
(A. H. Smith). (Prof. F. K. Sparrow, Dept. of Botany, Univ. of Michigan, Ann 
Arbor, Mich.)

State Univ. of New York at Buffalo
Current offerings include a full program in mycology, encompassing under-
graduate courses in mycology, microbiology and experimental microbiology (the 
latter mycologically oriented), under the direction of Drs. Wilbur Spencer and 
Phil Miles. Starting the academic year 1963-64, a graduate course in mycology 
also will be offered under Dr. Ron Petersen. Excellent facilities are available 
for graduate research in these fields. (Dr. R. H. Petersen, Dept. of Biology, 
State Univ. of N. Y. at Buffalo, Buffalo 14, N. Y.)

Univ. of North Carolina
A course in Introductory Mycology will be taught by Dr. C. J. Umphlett 
during the second summer session (July 22-Aug. 30). The course is open to grad-
uate and advanced undergraduate students. (Dr. W. J. Koch, Dept. of Botany, 
Univ. of North Carolina, Chapel Hill, N. C.)

Ohio State University
Aquatic Mycology at F. T. Stone Laboratory, Put-in-Bay, Ohio (Ohio State 
Univ. Biol. Sta.), is being offered 1st term, June 17-July, by J. A. Schmitt. 
For further information write: Dr. Loren Putnam, Dir., F. T. Stone Lab., Dept. 
Zool. & Entomology, Ohio State Univ., 1735 Neil Ave., Columbus 10, Ohio.

Univ. of South Carolina
A one year course in mycology will be offered at the University for the 
first time beginning the fall semester of the 1963-64 academic year. (Dr. G. T. 
Cowley, Dept. of Biology, Univ. of South Carolina, Columbia, S. C.)
Washington State University

Field Mycology, Plant Path. 550 (Summer 1963), will be presented by Dr. C. Gardner Shaw and will involve field collecting in Seven Devil Mts. of Idaho. (Prof. C. G. Shaw, Dept. of Plant Pathology, Washington State Univ., Pullman, Wash.)

Univ. of Wisconsin at Milwaukee

A new course, Yeasts, Molds and Actinomycetes, will be taught during the spring semester of the 1963-1964 academic year. (Dr. John W. Baxter, 3203 N. Downer Ave., Univ. of Wisconsin-Milwaukee, Milwaukee 11, Wis.)

XIV. VACANCIES FOR MYCOLOGICALLY TRAINED PERSONNEL

Aquinas College

A vacancy exists for a mycologist who also could handle cytology and technique courses (or possibly other courses). (Mr. Eugene W. Smith, Aquinas College, 1607 Robinson Rd., S. E., Grand Rapids 7, Mich.)

AVCO, Research & Advanced Development Div.

Interested in a mycologist or microbiologist with M.S. and some experience. (Dr. Martha D. Berliner, AVCO, Res. & Adv. Dev. Div., 201 Lowell St., Wilmington, Mass.)

Communicable Disease Center

Opening in the Career Civil Service for a Ph.D. mycologist interested in directing a broad program of consultation, training, evaluation of laboratory competency, and methodology research activities in medical mycology directed primarily to state and local health department laboratories. Depending on the qualifications of applicant, salary range is $9475 to $12,815 per annum. (Mr. Jimmy L. Pedigo, Communicable Disease Center, 1600 Clifton Rd., N. E., Atlanta 22, Ga.)

Cornell University

Opening available immediately for a qualified Assistant Curator of the Herbarium. B.Sc. or M.Sc. in Mycology. Possibly of interest to a post-doctoral student. (Prof. Richard P. Korf, Dept. of Plant Pathology, Cornell University, Ithaca, N. Y.)

Eli Lilly and Company

Position open for a qualified mycologist in the culture development laboratory, which is responsible for generation, selection, and primary evaluation of improved strains of production cultures. Involves application of known methods of mutation and selection as well as some experimental studies on new or improved methods. An individual with a master's degree and good background in mycology and microbiology is preferred; a strong B. S. degree candidate would also be considered. After a period of familiarization, candidate would be expected to direct and participate in the work of two or more technicians. (Mr. R. C. Pittenger, Manager, Antibiotic Fermentation Development, Eli Lilly and Co., Indianapolis 6, Ind.)

Robt. A. Taft Sanitary Engineering Center

No internal vacancies, but because of development of Regional Laboratory program, interested persons may file Civil Service Form 57 with Personnel Officer, R. A. Taft Sanitary Engineering Center, 4676 Columbia Parkway, Cincinnati 26, Ohio.

Universidade do Recife

Vacancies exist. (Prof. A. Chaves Batista, Instituto de Micologia, Univ. do Recife, Av. Rosa e Silva, 347, Pernambuco, Brasil.)
Yale University
Post-doctorate NIH training grant available; to work on growth and development of slime molds. (Dr. Ian K. Ross, Dept. of Biology, Yale Univ., New Haven, Conn.)

XV. MYCOLOGISTS AVAILABLE

Madej, Mgr. Tadeusz: Katedra Ochrony Roslin, Wyssza Szkoła Rolnicza, il. Slowackiego 17, Szczecin, Poland. Receiving his doctorate. Dissertation: Research on mycotrophy of family Ericaceae in natural plant communities in Poland. (Major professor, Dr. Tadeusz Dominik).

Sorenson, William G.: Dept. of Botany, University of Texas, Austin 12, Texas. Expects to receive his doctorate in August 1963. Special interest: nutrition and taxonomy of aquatic Phycomycetes, especially the genera Thraustotheca, Calyptralegnia, and Brevilegnia. (Major professor, Dr. C. J. Alexopoulos).

XVI. ASSISTANTSHIPS, FELLOWSHIPS and SCHOLARSHIPS IN MYCOLOGY

Brown University
Teaching assistantships, research assistantship, traineeships, and NDEA fellowships will be available in the fall of 1964. (Prof. Melvin S. Fuller, Dept. of Biology, Brown Univ., Providence 12, R. I.)

Cornell University
Teaching and research assistantships in mycology and plant pathology. (Prof. G. C. Kent, Head, Dept. of Plant Pathology, Cornell Univ., Ithaca, N.Y.)

Tulane Univ. School of Medicine
Predoctoral fellowships in medical mycology. No obligation for routine service. Stipends parallel in general those of the USPHS. (Dr. Lorraine Friedman, Tulane Univ. School of Medicine, 1430 Tulane Ave., New Orleans 12, La.)

University of California, Riverside
Two assistantships are available at $3080/year for study of certain aspects of the subject "Studies of the physiology, nutrition, and morphology of the reproduction and growth processes in the genus Phytophthora" under Drs. C. A. Zentmyer and D. C. Erwin. Interest is in good students with a B. S. in biology; need not be in agriculture or plant pathology. Brochures and information available on request. (Dr. D. C. Erwin, Dept. of Plant Pathology, University of California, Riverside, California)

University of Iowa
A predoctoral fellowship or assistantship is available in the Dept. of Microbiology for training in medical mycology and microbiology. Stipend is $2750 on a 12 month basis; tuition is paid by the student. (Dr. J. R. Porter, Chm., or Dr. John Cazin, Jr., Dept. of Microbiology, College of Medicine, University of Iowa, Iowa City, Iowa.)

University of Miami
Openings are available for students interested in marine yeast physiology and ecology; excellent research assistantships. (Dr. Samuel P. Meyers, Institute of Marine Science, Univ. of Miami, 1 Rickenbacker Causeway, Miami, Fla.)
Universidade do Recife
Openings exist. (Prof. A. Chaves Batista, Instituto de Micologia, Univ. do Recife, Av. Rosa e Silva 347, Pernambuco, Brasil.)

University of Toledo
Teaching assistantships are available in freshman botany or general biology at $2000 minimum for academic year, renewable; more for especially well-qualified persons. Thesis for Ph.D. in science-education of M.S. in biology may be in mycology or plant pathology. (Dr. J. L. Cunningham, Dept. of Biology, Univ. of Toledo, Toledo 6, Ohio.)

Yale University
NIH training fellowships available for students interested in development of fungi. (Write to Graduate School and to Dr. Ian K. Ross, Dept. of Biology, Yale Univ., New Haven, Conn.)

Washington State University
Possible activation of two projects after July 1 may make two assistantships available at that time. Inquiry from prospective candidates is invited. (Prof. C. G. Shaw, Chm., Dept. of Plant Pathology, Washington State Univ., Pullman, Wash.)

Wayne State University
Teaching assistantships are available to qualified students interested in pursuing a M.S. or Ph.D. program. (Dr. James Maniotis, Dept. of Biology, Wayne State Univ., Detroit 2, Mich.)

XVII. RECENT APPOINTMENTS AND TRANSFERS

C. J. Anastasiou has been appointed Research Associate in Mycology at the University of British Columbia, Vancouver. (R. J. Bandoni)

Dr. Peter Day, John Innes Horticultural Institute, has accepted an appointment as Associate Professor in the Dept. of Botany and Plant Pathology, Ohio State University, effective July 1, 1963. (J. A. Schmitt)

Dr. Gene Easton was appointed Assistant Plant Pathologist at the Irrigation Experiment Station, Prosser, Wash., on February 1, 1963. Dr. Easton previously was Assistant Professor at the University of Maine. (C. G. Shaw)

Richard Graves, formerly of the Dept. of Bacteriology, University of Wisconsin, has joined the ARS Culture Collection, Northern Regional Research Laboratory, Peoria, Ill. (C. W. Hesseltine)

Dr. D. M. Huffman is returning to the Dept. of Biology, Central College, Pella, Iowa, following two years of postdoctoral research at Columbia University.

Dr. Sukeyuki Kawakita, Dept. of Microbiology, Yuntendo Univ., Tokyo, Japan, is at the Instituto Botânico, Univ. de Lisboa, Portugal, for one year under a grant of the Gulbenkian Foundation. (N. Van Uden)

Mrs. Judith Lund, formerly at the Dept. of Biology, Yale Univ., is moving to Seattle, Wash., where she will complete her thesis on cytology and development of Monoblepharidales. (I. K. Ross)
Mr. L. Magasi has joined the staff of the Fredericton Laboratory, Forest Entomology and Pathology Branch, Canada Dept. of Forestry, as Mycologist. Mr. Magasi has just completed work for his M.Sc. from the Univ. of British Columbia, where he worked under Dr. R. J. Bandoni. (R. J. Bourchier)

Dr. G. F. Orr has transferred to the Biological Division, Dugway Proving Ground, Dugway, Utah, from USPHS Kansas City Field Station, Communicable Disease Center.

Dr. Robert W. Powell, Jr., is transferring September 1963 to the Dept. of Biology, Converse College, Spartanburg, S.C., where he will be Acting Chairman and Associate Professor. He formerly was at Humboldt State Coll., Arcata, Calif.

Dr. Jack Rogers has joined the staff at Washington State University as Forest Pathologist. Dr. Rogers obtained his Ph.D. at the University of Wisconsin in January 1963, his thesis being on Hypoxylon canker of Populus spp. (C. G. Shaw)

Mr. Apolinario Sanchez-Miranda will be at the Dept. of Plant Pathology, Cornell Univ., Ithaca, N. Y., perhaps by the end of June 1963 or early July, where he will hold the position of assistant curator of the Mycological Herbarium. He is transferring from the Univ. of Puerto Rico Agr. Expt. Sta., Rio Piedras, P. R.

Ismet Taysi has gone to the Laboratory of Aquatic Microbiology, Ministry of Economy, Ankara, Turkey, from the Univ. de Lisboa, Portugal. (N. Van Uden)

Mr. C. G. van der Westhuizen is leaving the Plant Research Institute, Ottawa, to return to South Africa. For the past year and a half he has been studying Hymenomycetes with Dr. M. K. Nobles. (J. W. Groves)

Dr. A. W. Ziegler, formerly at Florida State Univ., is now Chief, Fellowships and Institutes Branch, Div. of Nuclear Education and Training, U. S. Atomic Energy Commission, Germantown, Maryland.

XVIII. NEWS OF GENERAL INTEREST

Aquatic Microbiology

Mycologists should be thinking ahead, insofar as meetings are concerned, to the Symposium in Marine Microbiology that will be held in Scotland in 1964-65 and to the Section on Aquatic Microbiology in Moscow in 1965. A better representation in Mycology, especially studies of the lower fungi, should be of first order of importance. (S. P. Meyers)

The new Newsletter and List of Members of the Aquatic Microbiology Interest Group will be coming out within the next few months. All mycologists who wish to be listed and who have news of general interest should contact Dr. Samuel P. Meyers, Institute of Marine Science, 1 Rickenbacker Causeway, Miami, Fla.

Foray Lists

Dr. Wm. Bridge Cooke submits his annual formal plea for reports from all recent forays: Louisiana in 1960, Indiana in 1961, and Oregon in 1962. (1135 Wilshire Court, Cincinnati 30, Ohio.)

Medical Mycology Directory

Dr. John A. Schmitt is nearing the end of compiling a list of departments in which graduate training in medical mycology may be obtained at either M. Sc.
or Ph. D. levels. He requests additional notes for this list, including information on which degree (or both), department, and major professors. (Dept. of Botany and Plant Pathology, Ohio State Univ., 1735 Neil Ave., Columbus 10, Ohio.)

Medical & Veterinary Mycology Newsletter
A newsletter for those interested in medical and veterinary mycology has been started recently. Copies can be obtained from Dr. D. W. R. Mackenzie, Dept. of Microbiology, Queen's University of Belfast, Northern Ireland.

New Mycological Herbarium
A mycological herbarium has been established at the University of Wisconsin--Milwaukee. The herbarium will be specialized in two areas: fleshy fungi of Wisconsin and rust fungi of North America. (Dr. John W. Baxter, Univ. of Wisconsin, 3203 N. Downer Ave., Milwaukee 11, Wis.)

The New York Botanical Garden
Two Gertrude S. Burlingham Scholarships in Mycology have been awarded by the Garden for the summer of 1963. Bill F. Isaacs, University of Michigan, Ann Arbor, will study the Garden's collections of Agaricus as part of his graduate research program. Philip M. D. Martin, University of California, Los Angeles, will study the Garden's collections of Xylariaceae. (C. T. Rogerson)

Numerical Taxonomy
The Canadian Committee on Culture Collections of Micro-organisms has set up a Subcommittee on Taxonomy, to deal with the expanding field of Numerical Taxonomy and the application of data processing to many phases of microbiology. A discussion meeting is being held during the annual meeting of the Canadian Society of Microbiologists at Guelph, Ontario, June 13-15, 1963, and an international conference on this topic is being planned for 1964. Any interested mycologists should contact Dr. W. B. Kendrick, Secretary, Subcommittee on Taxonomy, Plant Research Institute, Central Experimental Farm, Canada Agriculture, Ottawa, Ont., Canada. (J. W. Groves)

Publications
1. C. J. Alexopoulos regrets the following errors in his INTRODUCTORY MYCOLOGY, Ed. 2, and asks that until a new printing becomes available, instructors using this text make appropriate corrections in their classes:

Page 11, lines 4 and 5 from bottom (not counting footnote). Delete: "Fungi parasitizing...haustoria."

  266, lines 5, 11, 15, 22. Ascosphaeraceae is the correct spelling for this family.
  268, line 25. Substitute Ascosphaera for Pericystis in two places.
  270, Figure 99c is Myxotrichum chartarum, not uncinatum.
  290, line 2. Volume 103 instead of 193.
  293, line 11. Last word should be nine. Add the orders Clavicipitales and Diaporthales to the list that follows.
  311, lines 2 and 4. Plasmogamy instead of plamogamy.
  371, line 6 from bottom (first word) typhae instead of typhi.
  371, line 7. Same correction.
  497, Key to the Families of the Polyporales. Insert the following between the 3rd and 4th lines: "Basidiocarp usually pileate; generally fleshy, sometimes gelatinous."

The author would appreciate knowing of other errors, typographical or other, which users of this text may have noticed.

- 17 -
2. L. M. Ames, A MONOGRAPH OF THE CHAETOMIACEAE; issued as no. 2 of the U. S. Army Res. & Dev. Ser., $2.00, Supt. of Documents, Government Printing Office, Washington 25, D. C. [The title page of the volume bears the date 29 December 1961, but Dr. Ames writes that "the monograph was released for distribution on March 7, 1963."]

3. S. M. Martin (Ed.), CULTURE COLLECTIONS, PERSPECTIVES AND PROBLEMS, $8.00, Univ. of Toronto Press, Toronto, Canada, 1963. [MSA member contributors to this volume include A. L. van Beverwijk, S. G. Bradley, K. B. Raper, and E. G. Simmons.]

4. CDC LABORATORY MANUAL FOR MEDICAL MYCOLOGY; issued as Public Health Service Publ. #99h, $2.25, Supt. of Documents, Govt. Printing Office, Washington 25, D. C. [Dr. Lucille K. Georg writes: "This manual was prepared by the Mycology Unit of the Communicable Disease Center, Atlanta, Georgia. It was designed to include the basic information necessary to carry out the laboratory diagnosis of mycotic diseases and the identification of pathogenic fungi. The material includes methods for collecting of specimens and laboratory techniques useful for the demonstration and identification of pathogenic fungi. Serological methods including fluorescent antibody studies useful in the diagnosis of fungus diseases are discussed also."

5. Mr. Lew Heymann is compiling a list of foreign-language mycological publications which he will have for sale. He offers the list to individuals who express their interest to him on a postal card. His next general list will contain some 70-80 titles of mycological books. (LEW'S, 2510 Van Ness Ave., San Francisco 9, California.)

XIX. OTHER NEWS FROM OR ABOUT MEMBERS

Mr. A. E. Atwell has retired from the Ottawa Laboratory of the Forest Products Research Branch after 35 years service as wood pathologist.

Rev. Dr. J. M. Bauchet requests the help of specialists in studying two examples of bacteriostatic effect, one by wood decay by Lycoperdon pyriforme and the other by a filtrate obtained from natural decomposition of cultivated Psalliota (Agaricus) in plain water with 1/20 of soda bicarbonate.

Dr. Carroll W. Dodge, retired June 1, 1963, from Washington University, St. Louis, will be Visiting Professor, Dept. of Botany, Univ. of Vermont, Burlington, after Sept. 1, 1963.

Prof. Dr. Tadeusz Domink reports a hospital siege of four months after "hemorrhagia extractu digestivo" and total stomach resection.

Prof. M. W. Gardner has two working visitors in the Dept. of Plant Pathology, Univ. of California, Berkeley: Dr. Noel T. Fientje, Waite Agr. Res. Inst., Univ. of Adelaide, S. Australia, is visiting Assoc. Professor, Feb.-June 1963, and is working on Rhizoctonia; Dr. J. B. Taylor, Univ. of Tasmania, is a Jr. Specialist for one year, working on Verticillium.

Dr. E. Silver Keeping has been working with Dr. G. S. Bulmer since Sept., 1962, in the Univ. of Oklahoma Medical School. Neiosis and Sporogenesis in Gasteromycetes has been her major concern for this one year research visit.
Dr. N. M. McClung writes from the Tuberculosis Research Institute, Kyoto University, Kyoto, Japan, that he is in Japan by grace of a Fulbright award and has been working at the Institute since last November. Dr. McClung, with Drs. Ichiro Uesaka and Saburo Uyeda, is investigating problems related to the allergic response of animals to Nocardia allergens. On May 25 he will lecture in Tokyo at the National Institute of Health by invitation of the Antibiotic Society of Japan. The McClungs (the entire family went along) will return to the University of Georgia in either September or December 1963.

Dr. Gordon W. Robertstad, from the Division of Veterinary Science, University of Wyoming, was awarded a one year postdoctoral fellowship by the National Institutes of Health and currently is carrying out a research project at the Mycology Unit of the Communicable Disease Center, Atlanta, Ga. His project is concerned with a study of the anaerobic Actinomycetes and closely related organisms.

Prof. Eugene W. Smith, Aquinas College, reports the death of his wife on March 29, 1963, after a short illness. There are two children, Renee, age 8, and Ann, age 16 months.

Prof. F. K. Sparrow spent the 2nd semester 1962-63 at the University of Hawaii investigating marine and fresh-water Phycomycetes. He returns to Michigan for the Univ. of Mich. summer session at Douglas Lake.

XX. VISITING SCIENTISTS

Dr. Libero Ajello of the Communicable Disease Center, Atlanta, Ga., paid a short visit to the Dept. of Botany, Columbia University, in February 1963.

Drs. Gladys Baker and Louise Potter, Vassar College, visited the Institute of Marine Science, Miami, Fla., this spring.

Prof. A. Chaves Batista, Univ. do Recife, Brazil, has had visits by Dr. Leo Y. Miedler, Univ. of Michigan Medical Center, Ann Arbor, and by the Agricultural Minister of the Brazilian Government, Dr. José Ermirio de Morais.

Prof. J. S. Boyce, Emeritus, Yale University, lectured to Prof. Dow V. Baxter's forest pathology class at the School of Natural Resources, University of Michigan, in February. Prof. Boyce told of his experiences in British Columbia while scouting for the white pine blister rust in 1921. He also lectured on the "International Aspects of Forest Pathogens" in the Botany Department Seminar.

Dr. J. J. Christensen, Professor Emeritus, University of Minnesota, has visited laboratories and classes of the Dept. of Botany and Plant Pathology, Oklahoma State Univ., where he presented two lectures on "Mechanisms of Variability in Certain Microorganisms."

Prof. Ralph Emerson and Leonard Machlis, Univ. of California, Berkeley, have been recent visitors in the Dept. of Biology, Brown Univ.

Dr. J. W. Groves and the Plant Research Institute, Ottawa, have had visits by Dr. D. Parkinson (rhizosphere and rhizoplane) and Prof. N. A. Burges (mycology and pedology), both from the University of Liverpool.

Dr. R. T. Moore records visits in the Electron Microscope Lab., Berkeley, by Dr. Roger Goos, NIAID, NIH, Bethesda, Md., and by Prof. T. S. Sadasivan, University Botany Lab., Madras, India. Both were attending an international symposium organized by Dr. W. C. Snyder.
Dr. Meinhard Moser (mycorrhiza, Cortinarius), Bodenbiologisches Institut, Inst. Tirol, participated in a program on mycorrhiza of the Nothofagus area in Patagonia, traveling with Argentine specialists (incl. Dr. Rolf Singer) to Southern Argentina and Chile during March and April 1963.

Dr. Robert Page, currently with headquarters in the Biological Laboratories, Harvard Univ., visited Yale Univ. in May to present a talk on Pilobolus to the developmental section of the Biology Department. Drs. Howard Whisler and Charles M. Wilson, McGill Univ., visited Dr. I. K. Ross at Yale April 18 and discussed fungal cytology.

Dr. Maria Pantidou of the Plant Research Institute, Ottawa, spent about a week in the San Francisco State College area last November collecting and culturing boletes.

Dr. F. K. Sparrow, Univ. of Michigan, Ann Arbor, visited Dr. R. K. Benjamin and the Rancho Santa Ana Botanic Garden, Claremont, Calif., in February.

J. A. Stevenson, USDA, Beltsville, Md., and Dr. W. C. Snyder, Univ. of California, Berkeley, were winter-time visitors (each for two weeks) at the Agr. Exp. Sta. of the University of Puerto Rico, Rio Piedras.

Miss Grace Waterhouse of the Commonwealth Mycological Institute was a visitor at the Dept. of Plant Pathology, West Virginia University, April 1 & 2, where she discussed her recent taxonomic work on Phytophthora.

Dr. C. E. ZoBell (marine bacteria and fungi), Scripps Inst. of Oceanography, Calif., has been a visitor in the laboratories of Dr. N. Van Uden, Universidade de Lisboa, Portugal.

XXI. HONORS, DEGREES, PROMOTIONS, INVITATIONAL LECTURES

Prof. C. J. Alexopoulos presented a lecture to the Dept. of Plant Science of the A. & M. College of Texas on April 19 on "The Plasmodium of the Myxomycetes." He was also the guest speaker at the Annual Sigma Xi initiation banquet of the University of Kentucky. His topic was "The Myxomycetes as Tools in Biological Research."

Papers presented from the Instituto de Micologia, Univ. de Recife, to the XIV National Botanical Congress held at Manaus, Brazil, included "Mycological Soil Prospection of Território de Roraima, Brazil" by A. C. Batista and J. A. de Lima, and "New Imperfect Lichens from Amazonas" by A. C. Batista and Generosa E. P. Peres.

Prof. Dow V. Baxter presented the lecture "Alaskan Geofungi" at the Univ. of Illinois to the Dept. of Forestry, Dept. of Plant Pathology, and to members of the Illinois Natural History Survey on March 13. On March 14 he gave a second lecture "The Prevention of Forest Diseases without the Use of Chemicals" to the Depts. of Forestry and Plant Pathology, Univ. of Illinois. This lecture was based upon stories gleaned from Case Histories of Forest Plantings, beginning in 1904 at the Saginaw Forest, a forest experimental area of the School of Natural Resources, Univ. of Michigan.

Dr. Martha D. Berliner has been promoted to Senior Staff Scientist at AVCO, Research & Advanced Development Div., Wilmington, Mass.
Dr. R. J. Bourchier has transferred to the Laboratory of Forest Entomology & Pathology, Canada Dept. of Forestry, College Hill, Fredericton, N. B., where he is now Head, Forest & Disease Investigations.

Dr. Arturo L. Carrion, during the Congress of the Pan-American Medical Association held in March at San Juan, Puerto Rico, was awarded a bronze plaque by the Board of Trustees to testify to his designation as "A medical ambassador of good will.... In grateful appreciation for your generous support of its programs of interchanging medical knowledge and research in the Western Hemisphere."

Dr. W. B. Cooke presented a paper on the fungi associated with spent sulphite liquor spray disposal in a natural sand bed in Northern Michigan in a panel on the uses of fungi before the Microbiology Section of TAPPI (Technical Assn. of the Pulp and Paper Industry) in New York Feb. 19.

Dr. S. M. Dietz, plant pathologist with the Plant Introduction Station, A.R.S., U.S.D.A., completed his Ph. D. degree in January 1963 at Washington State University.

Dr. C. L. Fergus presented an illustrated talk on "Mushrooms" to the Botanical Society of Westmoreland Co., Pa., on March 6. He also gave a lecture-demonstration to the Centre County High School science teachers on "Fungi in the High School Science Course."

Dr. M. S. Fuller's promotion to Associate Professor of Botany at Brown Univ. becomes effective July 1, 1963. He will be on leave of absence at the Univ. of California, Berkeley, for the 1963-64 academic year.

Yasuyuki Hiratsuka received his Ph. D. degree in January 1963 from the Dept. of Botany & Plant Pathology, Purdue University.

Dr. D. M. Huffman has received promotion to a full professorship at Central College, Pella, Iowa.

Dr. Rokuya Imazeki of the Govt. Forest Experiment Station, Naguro, Tokyo, was elected President of the Phytopathological Society of Japan for 1963.

Dr. V. G. Lilly was invited to give a series of lectures on fungus physiology at the Dept. of Plant Pathology, North Dakota State Univ., in May.

Dr. Robert Lindner, plant pathologist at the Tree Fruit Exp. Sta., Washington State Univ., Wenatchee, has been appointed Superintendent of the Station at which he is located.

Zofia Maciejowska graduated from Purdue Univ. in August 1962 with a Ph. D. degree in the fields of plant pathology and soil microbiology. She has returned to her post at the Plant Protection Institute (Instytut Ochrony Roslin) in Reguly, Warszawa, Poland.

Dr. Esther Meyer, Univ. of Illinois College of Medicine, Chicago, gave an invitational presentation of mycopathological material April 12, 1963, to residents in pathology as part of a tutorial program. Her material covered actinomycosis, the dermatophytes, and common saprophytes and was given under the auspices of the American Society of Clinical Pathologists Commission on Continuing Education.
Dr. Royall T. Moore, Univ. of California, Berkeley, presented a seminar to the Biology Dept. of the Univ. of Oregon, Eugene, on 24 April, titled "The Cell Biology of Fungi, an Electron Microscopic Approach."

Dr. Mildred K. Nobles of the Plant Research Institute, Ottawa, has been elected a Fellow of the Royal Society of Canada, the only representative from Plant Science to be so honored this year.

Richard A. Nolan was a James M. Goewey Fellow at Univ. of California, Berkeley, this year. He has an NSF grant for the summer of 1963 to study at Friday Harbor Labs., Univ. of Washington, and will hold a research assistantship in the Dept. of Botany at Berkeley during the 1963-64 academic year.

Dr. M. A. Pisano of St. John's Univ. gave an invitational paper "Activities of the Cephalosporia" at the New York Academy of Sciences in April.

Hideo Tachibana recently passed final examinations for the Ph. D. degree at Washington State University. He has accepted a position at Ames, Iowa, with the Agricultural Research Service, U.S.D.A., and will work on soybean diseases.

Dr. L. J. Wickerham of Northern Regional Research Labs., Peoria, Ill., presented a lecture entitled "Phylogeny and Biochemistry of the genus Hansenula" at Michigan State University on April 9, 1963.

XXII. THE F₁--F₂ GENERATIONS

Dr. John Baxter announces the adoption of Carol Elizabeth Baxter on September 28, 1962, at age 9 months (Univ. of Wisconsin, Milwaukee).

Robert S. Bourchier, born November 13, 1962, is the new son of Dr. R. J. Bourchier (Forest Ent. & Path. Lab., Fredericton, Canada).

A second son, Patrick Michael (third child), was born March 16, 1963, to Dr. John and Mary Lois Cazin, Jr. (Univ. of Iowa College of Medicine, Iowa City).

Dr. George W. Fischer (Washington State Univ., Pullman) proudly introduces his third grandson, Christopher Timothy Fischer of Wenatchee, Wash., and his first granddaughter, Julia Dianne Fischer of Stafford Springs, Conn.

A first son, James David, has been born to Dr. Jack and Ruth Parmelee (Plant Research Inst., Ottawa, Canada).

Daniel David Sanchez was born December 4, 1962, to Mr. and Mrs. Apolinar Sanchez-Miranda (Univ. of Puerto Rico Agr. Exp. Sta., Rio Piedras).

Dr. Rolf Singer has a new grandchild, Daniel Adrian, born May 2, 1963, in Buenos Aires (Univ. de Buenos Aires, Argentina).
At least three of the five societies affiliated with MSA periodically issue bulletins or newsletters. The most recent numbers which have appeared note, among other items, numerous spring and summer study sessions and field trips.

The Boston Mycological Club publishes its BULLETIN. Included with the most recent issue were three pages of recipes used at the club's annual Cookery Meeting last January. Particularly salivating were "creamed lobster with Polyporus sulphureus" and a "morel and lima bean casserole" which was about half chicken.

The Oregon Mycological Society has its MUSH RUMORS, now in vol. 3, no. 1, which reports past meetings, announces future ones, and in general stirs up interest and activity in the Northwest.

The People-to-People Committee on Fungi issues The MYCOPHILE, now in vol. IV, no. 4. A bronze and walnut plaque will be awarded "For Outstanding Contributions to Amateur Mycology" at the 1963 convention of the committee at Pellston, Michigan, August 17-19. (J. A. Stevenson and C. G. Nearing have received this award in previous years.) Nominations for the 1963 award are being received by the Chairman of this group. Dr. A. H. Smith will lead forays at the convention. Dr. C. W. Ellett, 5737 Bromley Ave., Worthington, Ohio, is Membership Secretary.

The other two MSA Affiliate Societies are the Cercle des Mycologues Amateurs de Quebec and the Mycological Society of San Francisco, from which news items would be welcome for this space.

*** *** ***

STUDENT BONERS IN MYCLOLOGY

The following few items are part of a large collection of botanical boners gleaned by Dr. John W. Baxter during the past ten years from papers of students at three midwestern universities. The collector disclaims any significant manipulation of the material. [The same disclaimer is made emphatically by Mrs. Isabelle Slack, who capably prepared the master copies of the current Newsletter for reproduction. (Ed.)]

1. The Phydomyctes are fungi that have no cross walks.
2. Some molds produce the drug penicillin, which is an antibiotic.
3. A zygote is produced by the fusing of gametes.
4. Decadent organic matter in the soil is called fungus. It enriches the soil for the growth of plants.
5. In the lab we studied a mold growing on a gelatin desert.
6. Before eating wild mushrooms, have an expert look at them. The death angel is deadly poisonous. The shaggy man is edible before it starts turning black.

Two major suggestions for enlarging the Newsletter have been received:
1. Each issue might highlight one particular phase of mycology, with the intent of noting major workers in that field; 2. the Newsletter might serve as a rapid, non-technical channel for the dissemination of information, e.g., new developments in laboratories, philosophical thoughts on current and future research and teaching, summaries of specialized meetings and symposia, reports on foreign visits, etc.

Comments are invited. It should be noted that none of these currently is excluded if the item is brief; that the Newsletter is not a medium for "priority" publication, is not copyrighted, and has no distribution outside MSA membership; and that production and distribution costs come closely close to equalling one-quarter of MSA's total contribution to the publication of MYCOLOGIA. (Ed.)
**AIBS SPONSORED MEETINGS OF BIOLOGICAL SOCIETIES**  
**UNIVERSITY OF MASSACHUSETTS**  
**AUGUST 27-31, 1963**

**PREREGISTRATION AND HOUSING APPLICATION**

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**TRAVEL ARRANGEMENTS:**  
Expected time of ARRIVAL ☐ (Date & Hour)  
(Airline & Flight No.)

| ☐ By plane at Bradley-Field | ☐ By train at Springfield |
| ☐ By car at Amherst | ☐ I desire bus service from Bradley Field to Amherst |

**HOUSING:**  
I have arranged for my own housing at: ☐  
I request University Housing Assignment ☐  
Special requirements (i.e., health, etc.) ☐  
Emergency contact? ☐

**NOTE:**  
(1) Please preregister prior to August 1, 1963.  
(2) For your convenience, you are strongly urged to prepay your registration fee of $10.00. **SORRY, AFTER AUGUST 1, THE FEE IS $12.00.** GRADUATE STUDENTS -- Reduced fee - $3.00.  
(3) Make your registration fee check payable to: "American Institute of Biological Sciences".  
(4) Mail this form (and check) to: AIBS REGISTRATION, Room 508  
2000 P Street, N.W., Washington 6, D.C.

**REGISTRATION FEE CHECK IN THE AMOUNT OF $____________ IS ENCLOSED**