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Editors' note: Please consult your current Society Directory for the addresses of contributors.

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George L. Grimes
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GATHERINGS

* The Mycological Society of Toronto will sponsor the Third Annual Cain Foray near Dorset, Ontario. Persons interested in participating should contact Mrs. Connie Morgan, 24 Glengrove Ave. East, Toronto M4N 1E7, Ontario, Canada. The foray will be held Sept. 23-25, 1977.

* Claude Nash of Smith, Kline & French Laboratories calls to our attention the following workshop sponsored by the Society for Industrial Microbiology. Interested persons should contact SIM or Dr. Nash.

  Environmental Aspects of Industrial Fermentation Processes
  Sunday, August 21, 1977, Michigan State University
  East Lansing, Michigan 9:30A - 4:30P

This workshop will provide an opportunity for individuals concerned with the operation, management or legislative regulation of industrial microbiological processes to become more familiar with current and impending regulations, and to develop strategies for meeting these process control requirements. The faculty for this workshop will provide information on the philosophy of regulatory bodies related to this area, and on approaches and criteria used in establishment of standards. In addition, individuals involved in microbiological process waste management will discuss approaches and procedures in current use and under development, and their strategies for meeting future environmental regulations. This will be followed by a round table-type discussion, where each speaker will have an opportunity to bring points of further concern into focus. A summary discussion between faculty and participants will then be used to develop a general strategy for future work.

Introduction
  Donald A. Klein, Program Convener

Environmental Criteria - Development and Strategies
  Slew T. Davis, Director, Office of Analysis and Evaluation, USEPA, Washington, D.C.

Process Control and Strategy Development
  Laboratory and field-scale investigations of mycelial waste decomposition in the soil environment. Darrell Nelson, Department of Agronomy, Purdue University.
  Evaluation of longer-term impacts of antibiotics and related residues on terrestrial and aquatic ecosystems. D. W. Thayer, Texas Technical University, Lubbock, Texas.
  Victor J. Cabelli, Health Effects Research Laboratory, USEPA, West Kingston, Rhode Island.

* The Stuntz Foray will be held Sept. 16-18 at McCall, Idaho. Contact Marcia Wicklow.

* Jim Trappe asks us to take note of A Mushroom Symposium: An Interdisciplinary Approach to Mycology. To be held Nov. 5-7, 1977 under the sponsorship of Linn-Benton Community College, Albany, Oregon. Participating MSA members include D.E. Stuntz, J.M. Trappe, H.D. Thiers, R. J. Molina, W.C. Denison and
L. R. Roth. Information may be obtained from Mr. A. B. Walters, L.B.C.C.,
6500 SW Pacific Blvd., Albany, OR 97321.

* The Aspen Mushroom Conference will be held August 7-12, 1977. For further
information write: Beth Israel Hospital, 1601 Lowell Blvd., Denver, CO
80204, Ph. 303-825-2190 Ext. 354. Stop off on your way to IMC-2.

* The International Symposium on Microbial Ecology will be held in Dunedin,
New Zealand, August 22-26, 1977. Contact Dr. M. Loutit, Microbiology Dept.,
University of Otago, P.O. Box 56, Dunedin, NZ.

* The Ohio Mushroom Society Fall Foray will be held Sept. 24-25, 1977.
For details write Richard Grimm.

* A Tree Disease Foray will be held in conjunction with the Annual Meeting
of the American Phytopathological Society at East Lansing. Contact
Dr. John Hart, Dept. of Plant Pathology, Michigan State University,
East Lansing, Michigan.

* The North American Mycological Association Foray will be held July 21-24, 1977
at Concord College, Athens, W.Va. For details write the NAMA, 4245 Redinger
Rd., Portsmouth, Ohio 45662.

* The Tenth International Congress on the Science and Cultivation of Edible
Fungi is scheduled for June 5-15, 1978 in Bordeaux. Details may be obtained
from the Secretary, 10th Congres des Champignons, I.N.R.A. Bordeaux, 33140
Pont-de-la-Maye, France.

NEW MYCOLOGICAL RESEARCH PROJECTS

* Garry Cole is now doing colonization and ultrastructural studies of gastro-
intestinal candidiasis in mice.

* Ann Bell is studying the taxonomy and ecology of coprophilous fungi of
New Zealand and would like to communicate with other persons sharing her
interests.

* Jack States has two new projects. He is studying competitive interactions
among Hyphomycetes in soils of cool desert grassland and the role of
soil inhabiting fungi in the water repellancy of desert soils.

* Characterization of antigens associated with hypersensitivity in pneumonitis
is the current work of Viswanath Kurup.

* During 1977-78 Terry Johnson will be collaborating on a monograph of the
Saprolegniaceae with Roland Seymour while he is on sabbatical from Duke.
The work will be carried out at Ohio State.

* William Elsik is chairman of the newly formed American Association of Stratigraphic
Palynologists Study Group. They will be investigating the stratigraphic occurrence of fungal spores. More details of this work will
be announced at IMC-2.

* A world monograph of the Leotiaceae-Polydesmoideae is being prepared by
Richard P. Korf. He is also doing cultural studies of Bispora (= Calycella).
* Broom rusts of conifers and **Dothishiza** canker of lombardy poplar are the current work of **Pritam Singh**.

* Marcia Wicklow has begun two new projects. One concerns the microbial ecology of geothermal waste water discharge into the Boise River. The second is a study of fungi associated with Engleman spruce in the Payette National Forest.

* **John Baxter** has undertaken an ultrastructural study of mycorrhizal fungi and a scanning EM study of spore surfaces.

* **Gregory Mueller** is doing a systematic and cultural study of **Laccaria** in Southern Illinois.

* Mary Palm and Elwin Stewart have initiated studies on **Fungi Imperfecti** isolated from wood and wood products. Stewart is continuing to collect and identify hypogeous fungi from the midwest and Louisiana.

* The Western Pennsylvania Conservancy has given a grant to **Susan Rabatin** to study the seasonal dynamics of endomycorrhizal fungi in Pennsylvania prairie and pasture soils.

* **David Largent** is studying the agarics of the Marble Mountain Wilderness Area and doing work on the histochemistry of agarics. He is also working on the mycorrhizae of Madrone-Manzanita-Douglas Fir-Arctic-Alpine meadows.

**IDENTIFICATIONS**

The persons listed below are willing to identify the organisms listed.

* **Ascomycetes:**

  Hyaloscyphaceae—Arachnopezizae, Polydesmia, Bispora (with cultures), **Ascocoryne** (with cultures). Richard P. Korf.

  Lophiostomataceae. Ann Bell

  Gymnoascaceae except Arthroderma and Nannizzia. G.F. Orr


* **Basidiomycetes:**

  Rhizopogon and related hypogeous genera. David Hosford.

  Hypogeous Basidiomycetes. Robert Fogel.

  Amanita. David Jenkins.


  Lepiota sensu lato. Walter Sundberg.

* **Miscellaneous:**


  Any Plasmodiophoromycete. Charles Miller.

  New isolates of thermophilic actinomycetes. Viswanath Kurup.

Second International Mycological Congress

University of South Florida
Tampa, Florida, U.S.A.

Saturday 27 August -- Saturday 3 September
1977

PRELIMINARY PROGRAM
Dear Colleagues:

In just a few short weeks we hope you will join us at IMC$^2$ on the campus of the University of South Florida. This event has been in preparation for nearly five years and has resulted in an exciting program and associated activities which should provide many things for all participants.

When you arrive in late August you will find the subtropical climate encourages informality, i.e., "T"-shirts in lieu of ties!

USF is basically a commuter university located just northeast of Tampa and is easily accessible via I-75. Tourism and topography in Florida have resulted in the use of the automobile as the basic mode of transportation. However, late August is a non-peak tourist time and one will find ample room on the highways. You also will find that many of the more interesting natural areas are only accessible via auto, for example: Cockroach Bay, the fossil pits near Bartow, Dade Battlefield and canoeing on the Withlacoochee. Parking on campus is unlimited.

For those arriving via plane, Florida Limosine Service, located in the vicinity of baggage pickup is the most economical transportation to USF.

Tampa is no different from any other large city. Personal checks are very difficult to cash but traveler's checks can be obtained from major world currencies at the travel office on the University of South Florida campus.

Students attending IMC$^2$ may earn 3 credits through USF for work done while attending the congress. For information contact Dr. Fred Eilers, IMC$^2$, Biology Department, University of South Florida, Tampa, Florida, 33620.

All letters coming to USF should identify the Congress logo, IMC$^2$ on the envelope. The phone number of the Tampa Congress of USF is (813) 974-2011.

We hope we have planned well for these meetings and have anticipated your needs. We think the theme for this congress may well be IMC$^2$ - Interacting, Mixing/Colleagues$^2$.

Things to Remember:

1. Address while attending is:
   c/o IMC$^2$ - University Center 124
   University of South Florida
   Tampa, Fl 33620
   phone (813) 974-2011

2. Go to Housing first - follow map and signs

3. Return to UC for IMC$^2$ Registration

4. Food available in UC for early arrivals

In anticipation of August,

Diane T. Wagner-Merner, Fred I. Eilers
Co-Chairpersons of the Local Arrangements Committee
IMC$^2$
SECOND INTERNATIONAL MYCOLOGICAL CONGRESS

To all IMC2 Participants:

This is the only program you will receive prior to your arrival in Tampa for the Congress. This program contains all essential details of special meetings and scientific sessions. Titles of symposium papers have been omitted to conserve space; they will be included in the final program, which you will receive along with the abstract volume when you arrive in Tampa. Refer to the letter from Drs. Merner and Eilers, the local arrangements committee, for final instructions concerning your arrival in Tampa, housing, registration, etc.

REGISTRATION

Deadlines for submission of contributed papers passed long ago. However, registrations can still be accepted. There is no late penalty for registrations received before June 30, 1977. A registration form is appended after the program in this booklet for your convenience. It should be completed and sent with remittance to Dr. Fuller at the address at the bottom of the back page.

PRE-Congress MEETings, SOCIAL EVENTS, GENERAL ANNOUNCEMENTS

Films:

Films of scientific and general interest will be shown on a continuous, scheduled basis in adjacent theaters, rooms 121 and 122 LET (Arts and Letters Bldg.). The entire program will be shown every day, on a schedule appearing in your final program. A number of scientific films from the German Film Institute are scheduled, as well as one on the Life Zones of Florida and one on Edward Curtis, a pioneer in documentary filming of American Indians.

Commemorative T-shirts:

T-shirts displaying the congress logo and an attractive mycological design will be sold in the University Center area on a first-come, first-served basis during the week. Look for the signs.

Continuous displays:

Mycological art will be displayed daily in the first floor art gallery of the University Center (Congress Headquarters).

A collection of scanning micrographs on the subject "Patterns of Development in Conidial Fungi" will be displayed by Garry Cole and Robert Samson in the lobby of the LET (Arts and Letters Building).

Rare and historic books on mycological topics will be exhibited in the rare books area of the University Library.
Social events:

There will be a reception sponsored by the Mycological Society of America for all Congress Participants, at 8 PM, Sunday, August 28, in Andros Dining Hall. Wives (and husbands) of Congress participants are invited to a tea sponsored by the University of South Florida, Tuesday, August 30, from 10:30 to 11:30 AM in the President's Dining Room on the Second Floor of the University Center. Both events are free of charge.

Meetings:

Meeting of Council, Mycological Society of America: Room 200, UC (University Center), 5 PM, Sun., August 28. There will be no general business meeting of the MSA this year.

Nomenclature Committee Meetings:

The International Mycological Association Nomenclature Committee (R.P. Korf, chairman) has scheduled the following activities during the Congress. Those desiring further information should consult *Mycotaxon* V (2): 491-492.

Subcommittee Meetings:

August 27, 2 PM, 201 UC (University Center): Subcommittee A (Art. 59)

August 28, 9 AM, 201 UC: Subcommittee D (Starting point dates)

August 29, 8 PM, 201 UC: Subcommittee B (Living type material)

202 UC: Subcommittee C (Registry & Art. 39)

August 30, 8 PM, 201 UC: Subcommittee E (Infraspecific taxa not now covered)

202 UC: Subcommittee F (Generic names with misapplied type-species names).

General nomenclature sessions:

August 31, 5:00 - 6:00 PM, Gymnasium

September 1, 5:00 - 5:30 PM, Gymnasium
THE SECOND INTERNATIONAL MYCOLOGICAL CONGRESS

Preliminary Program

The Daily Schedule

8:30 AM - 12 Noon - Symposia

1:30 PM - 4:30 PM - Symposia

9 AM - 9 PM - Contributed Papers in Poster Sessions

5 - 6 PM - All-congress plenary sessions

8 PM - exhaustion - Special Interest Meetings (Except Saturday). Open to anyone interested. Format will vary from mini-symposium to informal roundtable discussions to hands-on lab sessions. Where this has been finalized, it is indicated below. In the case of informal roundtables, congress registrants are encouraged to bring materials for discussion and/or display. Contacting the organizer in advance may be advisable if contributions to the roundtable are anticipated.

Sunday, August 28

9 AM - 10 PM Registration, University Center.

3 PM Opening Plenary Session and address, "Professor Anton de Bary", by Congress President, Prof. F.K. Sparrow. Gymnasium.

8 PM Reception for all registrants, sponsored by Mycological Society of America. Andros Dining Hall.

Monday, August 29

8:30 AM - 12 Noon Concurrent Symposia (with speakers)

1. Mycelial Growth and Morphogenesis
   Org., A.P.J. Trinci; Ch., J.H. Burnett
   M. Galun/E. Galun
   A.P.J. Trinci
   J.I. Prosser
   A.T. Bull
   G. Lysek
   H. Hohl

2. Evolution of the homobasidium
   Org. & Ch., R.H. Petersen
   D. P. Rogers
   R. Singer
   A. H. Smith
   V. Demoulin
Preliminary Program, Cont.

Monday, Aug. 29, 8:30A-12 Noon, Cont.

3. Fungus-Arthropod Mutualism and Commensalism
   Org. & Ch., L. R. Batra
   J.L. Madden/M.P. Coutts
   D.M. Norris
   L.T. Kok
   G. Jurzitza
   S.T. Moss
   N.A. Weber
   L.R. Batra

4. Biogeography of Ectomycorrhizal Fungi
   (session to be continued in PM)
   Org., J.M. Trappe, Ch., K.A. Pirozynski
   D.W. Malloch
   E. Horak
   T. Hongo/K. Kokoyama
   J.M. Trappe
   H.D. Thiers

5. Biological Control of Plant Pathogenic Soil Fungi
   Mod., T. Kommedahl
   R. Baker
   R. Rodriguez-Kabana
   T. Kommedahl
   K. Old

1:30 PM - 4:30 PM Concurrent Symposia (with speakers)

1. Mycelial-yeast Dimorphism
   Org., S. Bartnicki-Garcia; Ch., P. Szanizlo
   R. Storck
   P.S. Sypherd
   A. Cassone
   Mareska/Kobayashi
   L.M. Carbonell

2. The Basidium
   Org. & Ch., K. Wells
   B.C. Lu
   D.J. Mclaughlin
   C. Thielke
   P. Gregory
   F. Oberwinkler

3. Fossil Fungi
   Org., K.A. Pirozynski
   Ch., J.M. Schopf
   M.V. Locquin
   R. Singer
   B. Boulland
   W.C. Elsik

4. Biogeography of Ectomycorrhizal Fungi II
   Org. & Ch., J.M. Trappe
   G. Hadley
   E. Hacskaylo
   G. Chevalier/J. Greente

5. Teaching Mycology in the Tropics
   Org., R.D. Goos; Mod., F. Uyenco
   J. Saenz
   A. Nawawi
   M.H. Zoberi
   B.A. Oso
   C.V. Subramanian

6. Mycological Collections: Status of Living Herbaria
   Org., C.W. Hesseltine; Ch., J. Nicot
   T. Hasegawa/K. Tubaki
   M.A.A. Schipper/J.A. von Arx
   A.H.S. Onions
   R.H. Haskins
   D.I. Fennell

7. Lichen Phycobionts: Their Nature and Role
   Org. & Ch., V. Ahmadjian
   E. Peveling
   D. Hill
   J.W. Millbank
   P. James
   V. Ahmadjian
Preliminary Program, Cont.

Monday, Aug. 29, Cont.

5:00 PM  Plenary Session - General Lecture, Professor D. C. Smith. "What can Lichens Tell Us About Real Fungi?"

8:30 PM - until?  Special Interest Meetings (Topics and Organizers are listed)

1. Messenger RNA  (mini-symposium)
   J. Van Etten
   Dept. of Plant Pathology
   University of Nebraska
   Lincoln, Nebraska 68583

2. Chemotaxonomy (mini-symposium)
   Martha Roane
   Dept. of Biology
   Virginia Polytechnic Inst. & State Univ.
   Blacksburg, VA 24061

3. Flora Neotropica (posters & roundtable)
   K. P. Dumont
   N.Y. Botanical Garden
   Bronx, New York

5. Yeast Taxonomy Workshop (Lab)
   C. P. Kurtzman
   Fermentation Laboratory
   Northern Regional Research Center
   1815 N. University Street
   Peoria, Illinois 61604

6. Problems of Fungus Germ Plasm Banks
   C.W. Hesselteine  (Roundtable)
   Northern Regional Research Lab
   1815 N. University Street
   Peoria, Illinois 61604 (Roundtable)

7. Biological Control of Weeds with Fungi
   R. Charudattan, Plant Pathology Dept.
   University of Florida
   Gainesville, Florida 32611

8. Phylogeny of Fungi (mini-symposium)
   K. A. Pirozynski
   Palaeontology Div.
   National Museums Canada
   Ottawa, Ont., KIA OMB, Canada

9. Mycology and Analytical Technology (mini-symp.)
   D.J. Weber and W.M. Hess
   Department of Botany and Range Science
   Brigham Young University
   Provo, UT 84602

Tuesday, August 30

8:30 AM - 12 Noon  Concurrent Symposia

1. Cell Wall Biosynthesis
   Org., S. Bartnicki-Garcia
   Ch., H. J. Phaff
   J. Ruiz-Herrera
   C.E. Bracker
   E. Cabib/A. Duran
   E.C. Cantino
   G. Gooday/A. de Rousset-Hall
   M. Hori/K. Kakiki/T. Misato

2. Contemporary Problems in Ascomycete Systematics I. The Ascus, Form & Function
   Ch. C.T. Rogerson
   J.A. von Arx
   G.N. Greenhalgh/A. Beckett
   J. Van Brummelen
   M.A. Letrouit-Galinou/A. Bellemère
Preliminary Program, Cont.

Tuesday, Aug. 30, 8:30AM-12 Noon, Cont.

3. Fungal Populations, Environmental Parameters and the Niche Concept
Org., M. Witkamp; Ch. C.H. Dickinson
S.J. McNaughton
J. Stamberg
C.H. Dickinson
P.W. Flanagan
R.D. Brooks
H.A.H. Wallace/R.N. Sinha

5. RNA-containing Viruses in Fungi
Org., P.A. Lemke; Ch., W.J. Kleinschmidt
P.A. Lemke
R. Wickner
P.R. Day
K.N. Saksena
R. Ushiyama

4. Pigments of Basidiomycetes
(session to be continued in PM)
Orgs., A. Bresinsky & W. Steglich
AM Ch., A. Bresinsky
H. Husso
R.L. Edwards
W.S.G. Maass
C.H. Eugster
U. Weiss

1:30 PM - 4:30 PM Concurrent Symposia

1. Cytological Approaches to the Study of Interactions between Fungi and their Plant Hosts
Org., J.R. Aist; Ch., H.W. Israel
H. Kunoh
H. Hoch
K. Mendgen
W. Bushnell
J. Aist

4. Regulation of RNA and Protein Synthesis in Fungi
Org., & Ch., J.S. Lovett
C.S. McLaughlin
F. Lacroute
F.A.M. Alberghina
A. Huttermann
P.E. Mirkes

2. Pigments of Basidiomycetes II
Orgs., A. Bresinsky & W. Steglich
PM Ch., W. Steglich
N. Arpin/J. Favre-Bonvin
M. Moser/G. Keller
R. Singer
A. Bresinsky

5. Biology of Trichoderma
Orgs., E.T. Reese & M. Mandels
Co-Ch., M. Mandels & E.T. Reese
E.G. Simmons
G.R. Mandels/E.T. Reese/D. Sternberg
E. Galun
R.M. Danielson
J.R. Loewenberg

3. The Role of Fungi in Nutrient Cycling
Org., D.T. Wicklow; Ch. M. Witcamp
V. Gianinazzi-Pearson
P. Dowding
G. Lindeberg
K. Cromack, Jr./P. Sollins/
R. Fogel/A.W. Todd

6. Recent Advances with Entomopathogenic Fungi
Org. & Ch., D.W. Roberts
D.W. Roberts
D. Tyrrell
C.W. McCoy/L.P. Kish/R.A. Samson
R.S. Soper
J. Fargues
N.V. Lappa

5:00 PM Plenary Session - General Lecture, Professor Howard Whisler
Preliminary Program, Cont.

Tuesday, August 30, Cont.

8:00 PM - until  ?  Special Interest Meetings

1. Entomogenous Fungi
   D. W. Roberts
   Boyce Thompson Institute
   Yonkers, New York 10701

2. Teaching Medical Mycology
   N. L. Goodman
   Dept. of Community Medicine
   University of Kentucky
   Lexington, Kentucky 40506
   and
   Kazuo Iwata
   Department of Microbiology
   University of Tokyo
   7-3-1 Hongo, Bunkyo-ku
   Tokyo, Japan 113

3. Fungal Cytokinetics
   M. Girbardt
   Akademie der Wissenschaften der DDR
   Forschungszentrum fur Molekularbiologie und Medizin
   Zentralinstitut fur Mikrobiologie und exper. Therapie
   BeuthenbergstraBe 11
   DDR 69, JENA, East Germany

4. Mycological Flora of the Neotropics
   K. P. Dumont
   N.Y. Botanical Garden
   Bronx, New York

5. Conifer Needle Diseases
   D. Skillling

6. Applications of a Mycological Data Base to Principles and Concepts of Population and Community Ecology
   Paul Dowding
   Botany Department
   Trinity College
   Dublin, Ireland
   and
   Richard P. Seifert
   Department of Biology
   George Washington University
   Washington, D.C.

7. Lignicolous Hyphomycetes
   C.J.K. Wang
   Dept. of Botany & Forest Pathology
   State University of New York
   Coll. of Env. Science & Forestry
   Syracuse, New York 13210

8. Ultrastructural and Genetical Aspects of Fungal Virus Research
   C.H. Rawlinson
   Rothamsted Experimental Station
   Harpenden, Herts., England
   and
   R.F. Bozarth
   Life Sciences Dept
   Indiana State University
   Terre Haute, Indiana

   Hans R. Hohl
   Univ. Zurich, Zollikerstr. 107
   8008, Zurich, Switzerland

Wednesday, August 31

8:30 AM - 12 Noon  Concurrent Symposia

1. Spore Germination
   Org., J.L. Van Etten
   Ch., A.S. Sussman
   S. Brody  J. Van Assche
   D. Cotter  J. Van Etten
   B. Dill
   K. Horikoshi

2. Taxonomy and Phylogeny of Uredinales
   (session to be continued in PM)
   Org., Y. Hiratsuka; Ch., J.F. Hennen
   D.M. Henderson
   P. Buritica
   N. Hiratsuka/Y. Hiratsuka
Preliminary Program, Cont.

Wednesday, Aug. 31, 8:30-12 Noon, Cont.

3. Activities of Marine Fungi
   Org. & Ch., J. Kohlmeyer
   E.B. Gareth Jones/K. Fazzani
   P.L. Sguros
   J.W. Fell/I.M. Master/
   S.Y. Newell/A.S. Tallman
   R.V. Gessner
   C.E. Bland
   K. Schaumann

4. Fungi Imperfecti: Their Habits and Habits
   Org., K. Pirozynski; Ch., K. Tubaki
   K. Tubaki
   C.V. Subramanian
   H.J. Swart
   R.D. Goos
   C.J.K. Wang
   B.C. Sutton
   V. Holubová-Jehová

5. Toxicological Aspects of Mycotoxins
   Org. & Ch., J. L. Richard
   A. Ciegler
   H. Gurtoo
   A.W. Hayes
   P. Krogh
   J. Rodricks
   P.K.C. Austwick/A.C. Pier

1:30 - 4:30 PM Concurrent Symposia

1. Cell Cycle Studies with Fungi
   Org., J.S. Lovett; Ch., H.O. Halvorson
   R. F. Rosenberger
   H. Sauer
   J.E. Cummins
   J.M. Ashworth
   H.O. Halvorson

2. The Organization of Fungal Populations and Communities
   Org., D.T. Wicklow; Ch., M. Christensen
   D. Mueller-Dombois
   J. States
   M. Christensen
   R. Baker
   M. Dick
   J. Lussenhop

3. Epidemiology of Pathogenic Fungi
   A. Mantovani
   F. Swatek
   M. Otcenasek
   F. Staib

4. Structure and Growth of Fungal Walls
   Org., S. Bartnicki-Garcia; Ch., D.R. Kreger
   S.T. Moss/T.W.K. Young
   J.M. Aronson
   W.J. Nickerson/V. Swaminathan
   J.G.H. Wessels
   R. Sentandreu/M.V. Elorza/
   J.R. Villanueva
   E. Streiblova

5. Taxonomy & Phylogeny: Uredinales II
   (Continued from AM)
   Org., Y. Hiratsuka; Ch., J.F. Hennen
   Z. Urban
   D.B.O. Savile
   G. Durrieu
   L. Holm

6. Parasitism and Parasymbiosis in Lichens
   Org. & Ch., J. Poelt
   J. Poelt
   J. Hafellner
   L. Tibell
   D.L. Hawksworth
   J. Kohlmeyer
   R. Santesson

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Preliminary Program, Cont.

Wednesday, Aug. 31, Continued

5 - 6 PM  Homenomenclature Session, Gymnasium

6:30 PM  Planning Session for future Spore Symposium - D. Webber; Meeting Room in Andros Cafeteria

8:00 PM - until ?  Special Interest Meetings

1. Slime Mold Phylogeny (mini-symp.)
   H. C. Aldrich
   Dept. of Microbiology
   & Cell Science
   Univ. of Florida
   1053 McCarty
   Gainesville, Fla. 32611

   M. J. Powell
   Department of Botany
   Miami University
   Oxford, Ohio 45056
   and
   E. C. Cantino
   Dept. of Botany & Plant Path.
   Michigan State University
   East Lansing, Mich. 48824

3. Taxonomy and Evolution of Rust Fungi
   J.F. Hennen (Roundtable)
   Dept. of Botany & Plant Path.
   Purdue University
   Lafayette, IN 47907

4. Mycoparasitism: Present and Future Trends in Research (Roundtable)
   H. C. Hoch
   Dept. of Plant Pathology
   Entomology-Plant Pathology Lab.
   Geneva, New York 14456

5. Mycological Flora of Neotropics II: The Basidiomycetes
   K. P. Dumont
   N.Y. Botanical Garden
   Bronx, New York

6. Techniques in Lichen Chemotaxonomy
   H. J. Dibben, Chairman
   Botany Division
   Milwaukee Public Museum
   800 West Wells St.
   Milwaukee, Wisconsin 53233

7. Cyclic Nucleotides (mini-symposium)
   P. S. Sypherd, Chairman
   Dept. of Medical Microbiology
   California College of Medicine
   University of California, Irvine
   Irvine, CA 92717

Thursday, September 1

8:30 AM - 12 Noon  Concurrent Symposia

1. Transport and Translocation
   Org. & Ch., D.H. Jennings
   M. Hoeffer
   G. Scarborough
   M.G. Pall
   K. Budd
   D.H. Jennings

   Mod./Ch. E. Mueller
   D. Malloch
   J. Kimbrough
   A. Parguey-Leduc/M.C. Janex-Favre
   E.S. Luttrell
   H.M. Jahns/A. Henssen
Preliminary Program, Cont.

Thursday, Sept. 1, 8:30 AM - 12 Noon, Cont.

3. Fungal Community Development
   Org., D. Wicklow; Ch., J.C. Frankland
   K.A. Kershaw
   P. Widden
   J.C. Frankland
   R. Watling
   S.E. Gochenaur
   G.J.F. Pugh

4. Genetic and Morphogenetic Studies in Higher Basidiomycetes
   Org. & Ch., P.G. Miles/M. Schwalb
   C.A. Raper
   Y. Koltin
   P.R. Day
   J. Stamberg

5. Mushroom Poisoning and Mushroom Toxins
   Orgs., D. Farr/P. Lentz; Ch. D. Farr
   K.F. Lampe
   W.S. Chilton
   H. Faulstich
   C.H. Eugster
   G.M. Hatfield
   D. Farr

6. Transport and Translocation
   Org. & Ch., D.H. Jennings
   M. Hoefffer
   G. Scarborough
   M.G. Pall
   K. Budd
   D.H. Jennings

1:30 - 4:30 PM Concurrent Symposia

1. Morphogenesis of Sclerotia and Capture
   Organs & Org., I. Chet; Ch. R. Aycock
   I. Saito
   D. LeTourneau
   M. Goujon
   I. Chet
   B. Nordbring-Hertz

2. Genetic and Morphogenetic Studies in Higher Basidiomycetes II (Cont. from AM)
   Org. & Ch., P.G. Miles/M. Schwalb
   J.G.H. Wessels
   D.J. Niederpruem
   M.N. Schwalb

3. The Biology and Ecology of Aquatic Hyphomycetes
   Org. & Ch., J. Webster
   F. Baerlocher/W.B. Kendrick
   P.J. Fisher
   E.B. Gareth Jones
   R.J. Bandoni
   K. Suberkropp/M.J. Klug

4. Mitosis
   Org., I.B. Heath; Ch., M. Girbardt
   A. Forer
   J. Pringle
   I.B. Heath
   D. Kubai

5:00 - 5:30 PM Nomenclature Session, Gymnasium

5:30 - 6:00 PM International Mycological Association - Business Meeting, Gymnasium
Preliminary Program, Cont.

Thursday, Sept. 1, Cont.

8:00 PM - until ? Special Interest Meetings

1. Morphogenesis of Basidiomycetes
   M. N. Schwalb
   Dept. of Microbiology
   100 Bergen Street
   Newark, NJ 07103

2. Computer Coding of Mycological Data
   M. Krichevsky (Roundtable)
   Bldg. 31, Rm. 4B36
   NIDR, NIH
   Bethesda, Md. 20014

3. The DNA and Chromatin of Fungi
   P.A. Horgen (mini-symposium)
   University of Toronto
   Erindale College
   Mississauga, Ontario L5L IC6
   Canada

   D. Wicklow (Roundtable)
   Dept. of Life Sciences
   University of Pittsburgh
   Pittsburgh, PA 15260
   and
   J. Lussenhopp
   Dept. of Biol. Sciences
   University of Illinois
   Chicago, IL 60680

5. Phytophthora (Roundtable)
   G. A. Zentmyer
   Commonwealth Mycological Inst.
   Ferry Lane
   Kew, Surrey
   England

   J. Nannfeldt
   Inst. Syst. Botany
   Univ. Uppsala, Box 541
   S-75121, Uppsala
   Sweden

7. Handling Fungi in the Lab
   R. Goos
   Dept. of Botany
   University of Hawaii at Manoa
   St. John Plant Science Lab., Rm. 101
   3190 Maile Way
   Honolulu, Hawaii 96822

   Physarum Techniques (roundtable)
   E. M. Goodman
   Dept. of Biol. Sci.
   University of Wisconsin
   Kenosha, Wisconsin

8:30 AM - 12 Noon Concurrent Symposia

1. Cytology and Biochemistry of Oomycetes
   Org. & Chh., S. Bartnicki-Garcia
   D. Hemmes
   S. Holloway/I.B. Heath
   M.J. Powell/C.E. Bracker
   J.W. Hendrix
   H. Hohl
   M. Dick

2. Hymenomycetes of Equatorial and Tropical Regions
   Ch. A.H. Smith
   Orgs., H.D. Thiers/H.E. Bigelow
   E. Horak
   D. Pegler
   D. Reid
Preliminary Program, Cont.

Friday, Sept. 2, 8:30 AM - 12 Noon, Cont.

3. The Estimation of Fungal Biomass and Productivity
   Org. & Ch., D. Parkinson
   J. Frankland
   R. Fogel
   J.S. Waid
   B. Ausmus
   L. Pike

4. Opportunistic Medical Pathogens
   Org. & Ch., H.W. Larsh
   J. T. Price
   K. Iwata/K. Uchida/Y. Yamamoto/
   T. Hiratani/H. Yamaguchi
   G. A. Land
   D. L. Greer
   H. C. Gugnani

5. Ethnomycol ogy
   Org., B. Lowy
   Hon. Ch., R. Heim/R. G. Wasson
   B. Lowy
   A.H. Smith
   G. Guzman
   R. Watling
   M. Dobkin de Rios
   B. Oso

1:30 - 4:30 PM Concurrent Symposia

1. Hormones & Mating
   Org., S. Bartnicki-Garcia
   Ch., G. W. Gooday
   W. Timberlake
   J. Pommerville
   R.P. Sutter/J.P. Whitaker/
   R.A. Mercurio/G.E. Nelson

2. The State of Fungi Imperfecti
   Org., K.A. Pirozynski; Ch. E. Mueller
   R.K. Benjamin
   W.B. Kendrick
   J.A. von Arx
   A. Bellemere

3. Interactions among Fungal Populations
   Org., D.T. Wicklow; Ch. G.C. Papavizas
   D.C. Culver
   R.D. Lumsden
   J.L. Lockwood
   D.T. Wicklow
   H.J. Hudson

6. Industrial Mycology
   Org. & Ch., A.L. Demain
   A.L. Demain
   M.A. Pisano
   C.H. Nash
   R.P. Elander
   S.N. Sehgal

7. DNA-containing Viruses and Plasmids in Fungi
   Org., P.A. Lemke; Ch. E.C. Cantino
   F. Kazama
   P. Slonimski
   R.B. Myers
   I.K. Ross
   K. Esser

4. Mitochondrial Genetics in Fungi
   Org. & Ch. C.W. Birky, Jr.
   C.W. Birky, Jr.
   P.S. Perlman
   A. Tzagoloff
   N. Martin
   R. J. Schweyen

5. Mechanisms of Pathogenicity among Zoopathogens
   Org. & Ch., D.H. Howard/D.W.R. Mackenzie
   G. Boguslawski
   H.F. Hasenclever
   R.A. Cox
   F. Staib
   D.M. Purnell

6. Obligate Parasitism
   Org. & Ch., M.C. Heath
   M.D. Coffey
   A.H. Ellingboe
   R.C. Staples
   J.L. Gay
Preliminary Program, Cont.

Friday, September 2, Cont.

5:00 - 6:00 PM  International Mycological Association - Business Meeting; Gymnasium

8:00 PM - until?  Special Interest Meetings

1. Mitosis, Microtubules & Motility
   I.B. Heath (Roundtable)
   Biology Dept.
   York University
   4700 Keele St.
   Downsview, M3J 1P3
   Ontario, Canada

2. Color in Taxonomy of Fungi
   K. H. McKnight (Roundtable)
   Mycology Laboratory
   U.S. Dept. of Agriculture
   Agricult. Research Service
   Northeastern Region
   Beltsville, Maryland 20705

3. Biology and Systematics of Xylariaceae
   J.D. Rogers (mini-symposium)
   Department of Plant Pathology
   Washington State University
   Pullman, Washington 99163

4. Rust Fungi (Roundtable)
   M. C. Heath
   Dept. of Botany
   University of Toronto
   Toronto, Canada M5S 1A1

5. Contributions of Women to Mycology
   Eunice A. Cronin (Roundtable)
   Biology Department
   Utah State University
   Logan, Utah

Saturday, September 2

8:30 AM - 12 Noon  Concurrent Symposia

1. Phylogenetics and Taxonomy of Fungi Pathogenic for Man and Animals
   Org. & Ch., K.J. Kwon-Chung
   D.S. King
   P. Austwick
   M. Takashio
   C. de Bievre
   K.J. Kwon-Chung

2. Biochemical Mechanisms of Plant Disease Resistance
   Org. & Ch., Vernon E. Gracen
   R.N. Goodman
   A.A. Bell/R.D. Stipanovic
   P. Gregory
   S.G. Pueppke
   J.M. Daly

3. Analysis of Motility in Fungi
   Org., V.T. Nachmias; Ch. K.E. Wohlforth-
   D.N. Jacobson Botterman
   M.C. Heath/I.B. Heath
   M.R. Adelman
   V.T. Nachmias/A.M. Lombardo
   D.Kessler/S.S. Matacic

4. The Role of Lichens in Ecosystems
   Org. & Ch., T. Nash, III
   P. Crittenden
   L. Pike
   D.C. Lindsay
   P. Rundel
   K.A. Kershaw
   E. Neiboer/ D.H.S. Richardson/
   F.D. Tomassini/P. Lavoie
Preliminary Program, Cont.

Saturday, Sept. 2, 8:30 - 12 Noon, Cont.

5. Cytology and Biochemistry of Conidiogenesis
   Org. & Ch., T.M. Hammill
   G.T. Cole
   T.M. Hammill
   D.E. Axelrod
   J.W. Smith/J.S. Anderson/
   S.G. Deans/B. Davis
   G. Turian

1:30 - 4:30 PM Concurrent Symposia

1. Mushroom Morphogenesis
   Org. & Ch., D.J. McLaughlin
   K. Esser
   K. Gull
   I. Uno
   H.E. Gruen
   G.W. Gooday
   T.J. Leonard

2. An Evaluation of Criteria for Determining Speciation and Relatedness in Yeasts
   Org. & Ch., C.P. Kurtzman
   N.J.W. Kreger-van Rij
   T. Tsuchiya
   H.J. Phaff
   J.N. Baptist

3. Fungi in Extreme Environments
   Org. & Ch., M. Tansey
   R. Emerson
   D.H. Marx
   O.K. Miller, Jr.
   R. Maheshwari
   M.R. Tansey

4. Population Genetics of Plant Pathogens Ch., J. Groth
   M.S. Wolfe
   R.A. McIntosh
   R.K. Webster
   C. Person/J.V. Groth

5. Mycology and the Layman
   Org., R.D. Goos; Ch., R.J. Bandoni
   M. Gilliam
   R. Watling
   M. Moser
   H. Knighton
   A.H. Smith

5:00 - 6:00 PM Plenary Session, Gymnasium

Azygosporogenesis in Mucor azygosporus. O'Donnell/Ellis/Hesseltine/Hooper.

Host-parasite interface in Piptocephalis. Manocha.

Phascolomyces articulosus to mycoparasitism by Piptocephalis unispora. Jeffries.

Dormant spore wall of Syncephalastrum. Gull/Hobot.


Zygospore formation in Phanerochaete. O'Donnell/Flegler/Hooper.

Azygospores in Gilbertella hybridization with Rhizopus. O'Donnell/Ellis/Hesseltine/Hooper.

Vegetative hyphae of the thermophile Mucor pusillus. Ellis.

Mitochondrial non-involvement in sexual differentiation in Allozymes. Morrison.

Polypl oidism in Allozymes. Olson/Borkhardt.

Microbodies and symbiotic microbodies from Blastocladiella. Mills/Cantino.

Sapromyces androgyanus. Kotelli.

Oospore germination in Achlya. Ellzey/Huizar.


Discharge apparatus in chytridiaceous fungi. Lange.

Vesicles in Chytriomycetes hyalinus. Pechak/Miller.

Zoosporangia of Phytophthora on plant roots. Hemmes/Kliejunas/Nagata.

Posteriorly unflagellated phycomycete zoospores. Lange/Olson.

Penetration of host arthropods by Coelomycetes. Travland.

Vesicle morphology in zoosporangia of oomycetes. Lunney/Bland.

Ploidy and spindles in antimitotic drug treated Saprolegnia. Heath.

Nuclear division in Plasmodiophora. Garber/Aist.

Meiosis in Catenaria anguillulae. Olson/Reichle.


Mitosis in Bullera alba. Taylor.

Mitosis in the yeast Lipomyces lipofer. Tanaka.

Apical apparatus in asci of ooperculate discomycetes. Samuelson/Kimbrough.

Apical apparatus of Thelebolus. Kimbrough/Samuelson.

Rib layer in Neurospora ascospores. Frederick/Austin.

Spore Germination in Schizosaccharomyces. Johnson/Yoo/Calleja.


Conidia of Pithomyces. van Warmelo.

Conidiogenesis in Geotrichum. Terracina/Wang.

Conidial ultrastructure in the Xylariaceae. Roe/Greenhalgh.

Conidiogenesis in Chrysosporium. Wang/Terracina.

Basidiospores and hyphae of Pisolithus. Harrington/Coons/Black.

Nuclear migration in Lentinus. Nakai/Ushiyama.

Phanerochaete c hrysosporium. I. Division I Meiosis. Setliff.

Phanerochaete chrysosporium. II. Nuclear migration through a sterigma. Setliff.

Phanerochaete chrysosporium. III. Cystidia.

Changes induced by 2-mercaptoethanol in Scierotium. Daskaloyanni/Christias.

The dimitic basidiomycete Pterula. McLaughlin/McLaughlin.

Preliminary Program, Cont.

Contributed papers, Monday, Aug. 29, Cont.

Septal pore apparatus in Pholiota. Wells.
Heterobasidiomycetous yeast protoplasts. Jouvert/Miegeville/Morin/Hadibi/Vermeil/Bastide.
Host-pathogen relationship in Gymnosporangium. Mims/Glidewell.
Telial stage of Puccinia sorghi. Rijkenberg.
Blastospore production in Aureobasidium. Pechak/Crang
Tridimensional freeze-etched fungal spores. Hess.
Freeze-etch of Schizophyllum. Charvat/Hsieh.
Meiosis in Schizophyllum. Sundberg.

Contributed Papers

Tuesday, August 30, 9 AM - 9 PM

(Lichens)

Water relations, drought hypothesis and pollution effect in soredia in culture. Margot.
Lichens as indicators of ozone air pollution. Sigal/Nash.
Thallus distribution and productivity of Lobaria. Rhoades.
Foliicolous lichens of tropical forests of Central Africa. Serusiaux.
Net CO₂ exchange in lichens from contrasting climates. Lechowicz.
Coniferous needle endophytes in the Pacific Northwest. Carroll/Carroll.
Microepiphytes in a Douglas fir canopy. Carroll/Daly
Laboratory teaching of Lobaria and Peltigera. Carroll/Pike/Cooper/Carroll/Horstmann.
Macrolichens in old-growth coniferous forests. Topik/Pike/Howe.
EM of Basidiolichens. Slocum/Floyd.
EM of the ascus apex in lecanorales. Honegger.
Ramalina siliquosa. Sheard.
Cladonia gracilis group. Ahti.
Cortical anatomy of Usnea. Tavares/Baltzo.

(Taxonomy)

Variability in Choanephora. Chien/Wu.
Mucorales in Taiwan. Chien.
Taxonomic problems in Mortierella. Gams.
Systematics and phylogeny of Rhizoctonia. Tu/Kimbrough.
Morphology of Treubiomyces. Pohlad.
Pezizales from Greenland. Dissing.
Classification of pleosporaceous fungi. Barr.
Terrestrial Sordariaceae. Udagawa.
Ceratocystis. Upadhyay.
Relationship between Cercospora zeae-maydis and Mycosphaerella. Latterell/Rossi.
Cordyceps in Mexico. Perez-Silva.
Chemotaxonomy of Hypoxylon. Edwards/Whalley.
Ascomycetes on Eucalyptus leaves. Swart.
Elemental analysis data in taxonomy of Aphyllophorales. Parmasto/Koell/Kullik.
Shape of the Basidium in Psathyrella.
Holobasidiomycete with obclavate basidia. Crane/Schoknecht.
Far-eastern and American urediniofloras. Azbukina.
Radiomycetaceae (Mucorales). Benny/Samson.
Relationships among members of Agaricus. Raper/Kaye.

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Preliminary Program, Cont.

Contributed papers, Tuesday, August 30, Cont.

Phanerochaete chrysorhizon and Hydnum omnivorum. Burdsall/Nakasone.
Fruiting and mating in Pleurotus. Manning.
Distribution del genero Laccaria en Mexico. Aguirre-Acosta.
Typhula, Pistillaria, and allied genera. Berthier.
Cultural characters in Aphyllorhales. Stalpers.
Species concept in Armillaria mellea. Ulrich/Anderson.
Tropical rubiaceous Puccinia. Eboh.
Uredinales nigeriansis. Eboh.
Fungi of Korean bamboo forest. Lee.
Basidiospore wall in Lactarius. Homola.
Cell-wall and intact cell analysis in taxonomy. Weijman.
Thermophilic and thermodetergent fungi. Samson/Tansey.
Laboulienales. Tavares.
Entomogenous fungi from Ecuador. Evans/Samson.
Entomophthora pathogenic for aphids.
Black yeasts. de Hoog.
Numerical taxonomy of imperfecti and ascomycotina. Dabinett.
Conidiospore types in Drechslera. Jain.
Speciation in Humicola. de Bertoldi.
Phialidic hyphomycetes. Gams.
The ascus apex in discolichens. Schoknecht.

Wednesday, August 31

Biochemistry and Molecular

Germination of conidia of Botryodiplodia. Armentrout/Maxwell.
Spore Germination in Rhizopus. Johri/Pandey.
Conidial germination in Neurospora. Pendyala/Wellman.
Glucanase, Cellulase and Glucan synthetase in Saprolegnia. Feyre.
Cell wall of Blastocladiella. Sikkema/Lovett.
\(\alpha\)-acetylglucosamine incorporation in Diplodia. Galun/Malik/Galun.
\(\alpha\)-Rigidification at the Neurospora apex. Burnett/Hunsley.
Physiology of Rollandina. Ghosh/Mohanty.
Osmoregulation in Dendryphiella. Jennings.
Soluble ions in fungal hyphae. Galpin/Jennings.
Griseofulvin interaction with microtubules. Gull.
Nucleic acid homology between Saccharomyces and Candida. Chaffin.
mRNA in a primitive eucaryote. Rozek/Orr/Shumard/Timberlake.
Contributed papers, Wednesday, August 31, Cont.

dsRNA: Screening by indirect agglutination. Ohlson/Adler/Pose.

ds-RNA in Histoplasma. Rose/Adler.

NAD coenzymes and regulation. Kritsky.

Phenoloxidases in higher fungi. Holitoris.

Sporulation and peroxidase in Bipolaris. Evans/Garraway.


Laccases of Podospora. Prillinger.

Lipases, pectinases, cellulases and amylases of fungi. Di Maggio/Fabbri.


cAMP during sexual development of Aspergillus. Zonneveld.


Fruiting body formation in Sordaria. Hock.

Ethylene evolution by higher fungi. Nakazawa/Akiyama/Kato.


Effects of fungal metabolites on Erwinia. Tamimi.

Abbreviated electron transport in Phytophthora. Fehrmann/Scheepens/Mieskes.

Metabolites from Aspergillus. Bennett/Missakian.

Pyricularia oryzae lesions.

Fatty acids and sterols of Cronartium. Weete/Kelley.

Lipids and fatty acids in Achlya and Saprolegnia. Clausz.


Agaricus bisporus RNA polymerases. Vaisius/Ammirati/Horgen.

Protein and amanitin biosynthesis in Amanita. Preston.

Amatoxins in Amanita. Johnson/Miller/Preston

Chemotaxonomic studies on Phymatotrichum. Gunasekaran/Pifer.

Gas liquid chromatography of Candida. Gunasekaran/Hughes.

The mycosporins. Arpin/Favre-Bonvin.

Chlorinated constituents of Pannariaceae. Maass.

Coupling of labeled rubratoxin B to ovalbumin. Davis/Richard/Stone.

( Genetics )

Instability in wild isolates of Aspergillus nidulans. Roberts/Upshall.

The characterisation of instability patterns in Aspergillus. Roberts/Upshall.

Genetic effects of fungicides on Saccharomyces and Aspergillus. de Bertoldi.

Genetics of pathogenicity in Ustilago. Burnett/Bassi.


Heteroploidy in Armillaria. Peabody/Motta/Therrien.


Differentiation of mutants of Phialo-ora. Roberts/Szaniszlo.

Heterothallic nature of Nectria. Cotter/Blanchard.

UV and caffeine mutation in Schizophyllum. Dubovoy/Munoz.

Genetic control of the mating reaction in Alkane- and Methanol-yeasts. Stahl.
Thursday, September 1

(Ecology)

Aeromycology of Philippines. Garcia.
Air-borne fungi of Oklahoma. Levetin/Horowitz.
Municipal waste compost. von Klopotek.
Chemical ecology of Pleurotus sapidus. Kurtzman.
Hyphomycetes and Asellus. Rossi/Fano/Faneli.
Geofungi of Long Island Sound. Cooke.
Cultivation of Shiitake in U.S. San Antonio.
The species-area relation of higher fungi. Thoen.
Origin and dispersal of Nematospora and Ashbya. Batra.
Fungi of an English county. Rotheroe.
Fungi in salt-affected soils. Malik.
Microflora in litter decomposition. Mehotra/Aneja.
Microfungi on Loundetia. Puppi/Rambelli/Bartoli/Maggi.
Nutrient accumulation in Basidiomycetes in Douglas-Fir and Western Hemlock
ecosystems. Vogt/Edmonds.
Forest floor microbial biomass and CO2 evolution. Vogt/Antos/Edmonds.
Decomposition in a subalpine lake. Ho.
Fungi on dead tropical trees. Libonati-Barnes/Foster.

(Medical)

Degradation of keratin by dermatophytes. (SEM). Evans/Hose.
EM of Coccidioides. Sun/Sekhon/Huppert.
Effects of Econazole on cytomembranes. Preuaser/Rostek
Pathogenicity of Entomophthora. Lopez-Martinez/Toriello/Mier.
Yeast and antibodies to Candida. Evans/Odds.
Toxicity of Diploida to animals. Rabie.
Pathogenic dematiaceous hyphomycetes from nature. Dixon/Shadomy/Shadomy.
Screening autopsy lungs for Cryptococcus. Lurie/Shadomy.
Cancer induction with ingredient of false morel. Toth/Nagel.
Normal fungal flora in otolaryngological field. Choi/Park/Lew.
Sensitization to ethanol by Clitocybe. Cochran/Cochran.
Zygomycosis caused by Basidiobolus. Dworzack/Pollock/Hodges/Griffin/Ajello/Barnes.
Cell-mediated immunity in Dermatomycoses. Hunjan/Clayton.
Chronic mucocutaneous candidiasis. Matsumoto.
Mycetoma in Nigeria. Guggnani/Suseelan/Onuigbo.
Human dermatomycoses in Peru. Gutierrez/Pavlich.
Contributed papers, Cont., Thurs., September 1

Systemic infections due to Trichosporon cutaneum. Madhavan/Eisses.
Madurella mycetomii in Madras. Tara Lakshmi/Pankajalakshmi/Arumugam/Subramanian.
Nocardial strains. Pankajalakshmi/Tara Lakshmi/Paramasivan/Subramanian/Arumugam.
Growth phase antigens of Candida. Evans/Richardson/Holland.
Diagnosis of candidosis by immunoassay. Warren/Richardson.
Youssef system for diagnostic mycology. Youssef.
Profound aphrodisiac effects of Youssef medium (on fungi). Youssef.
Fungistatic effect of (Gamastan) to Phialophora. Jen/Kuo.
Size range of Cryptococcus neoformans from aerosolized soil. Neilson/Fromling/Bulmer.

Microsporum persicolor in Montreal. English/Maciejewska.
Immunological quantitation of Candida mannan. Lehmann/Reiss.
Medium for chlamydospore formation in Candida. Gunasekaran/Hughes.
Proteins in intraspecies of Candida albicans. Pichyangkura/Plangpatanapanich.
DNA-RNA homology between Candida albicans and yeasts. Segal/Eylan.
Cystine insensitive respiration in Candida albicans. Vogel.
AMP phosphodiesterase in Histoplasma. Floeh/Medoff/Medoff.

Friday, September 2

(Applied)

Porcine aflatoxicosis. Wilson/Sangster.
Guinea pigs fed aflatoxin or rubratoxin. Thurston/Richard/Cyszewski/Pier.
Cultivation of Pleurotus. Quimio.
Antagonism between Lentinus and Trichoderma. Tokimoto/Komatsu.
Dactylosporangial analysis of Auricularia fuscosuccinea. Montes/Pavlich.
Teaching mycology in Singapore. Lim.
Growing mushrooms on industrial wastes. Lim/Tee/Avadhani.
Protein enrichment of carbohydrates. Choo/Iga/Lim.
Dematiaceous hyphomycetes in production of steroids. Koch.
Glucosinolate biosynthesis. Bevernitz/Bergman/Kaseman/Emert.
Spoilage fungi and strawberries. Dennis/Davis/Harris.
Growth of yeasts on waste liquor. Hong.
Mycoflora of spices and condiments. Misra/Bhargava.
Fungi and onion rot during storage. Natour.
Solid waste composting. Albonetti/Massari.
Military specification test fungi versus field microorganisms. Calderon.
Fungi and air spora in sewage sludge. Edmonds.

(Animal Parasitism)

Parasites of fish eggs. Srivastava/Srivastava/Bhargava.
Fungal cell walls elicit defense reactions in hosts. Unestam/Soderhall.
Preliminary Program, Cont.

Contributed papers, Friday, Sept. 2, Cont.

(Mycorrhizae)

Ectomycorrhizae and growth of pine. Mousain/Delmas/Poitou.
Distribution and culture of truffle in France. Delmas/Poitou.
Nutrition, ecomycorrhizae, and endomycorrhizae. Sihanonth/Todd.
Herbicides and growth of mycorrhiza-forming fungi. Iloha.
Nitrate reductase of mycorrhizal fungi of Douglas-fir. Ho/Zak/Trappe
Nutrition of orchid mycorrhizal fungi. Hadley.

(Plant Pathology)

Biological weed control. Templeton/TeBeest/Smith.
Biological control of onion white rot. Hafez/Chatla/El Yamani.
Biological control of Cylindrocarpon. Chung.
Biocontrol of beetle larvae with Oospora and Isaria. Hama.
Control of Pythium wet rot of cowpea. Ogundana.
Vegetative incompatibility in Endothia. Anagnostakis.
Culture and toxicity of systemic endophytic fungi. Bacon/Porter/Robbins.
Fusaria associated with roots of cowpea. Odumfa.
Obstruction of xylem by vascular parasites. Moreau/Catesson/Czaninski/Peresse.
Host-pathogen interface of Puccinia on wheat. Plotnikova/Andreev/Sassen.
Geniculodendron on spruce seed. Wicklow/Skujins.
Fungi of tropical food products. Lim/Tay/Lee.
Parasitism of Thalassiosira by a chytrid. Erb.
Parasitism of Closterium by a chytrid. Erb.
Bipolaris with elongated conidia. Chang.
Scab and anthracnose diseases in India. Wani.
Teliospore germination in Scopella. Thirumalachar.
Botryodiplodia. Ekundayo/Atasoadura.
Production of growth regulators by Armillaria. Ho/Zak.

Saturday, September 3

(Virus)

RNA from VLP's in Pyricularia. Ikegami/Hirai.
Viruses of Gaeumannomyces. Almond/Buck/Rawlinson.
Transmission of viruses in Gaeumannomyces and Phialophora. Rawlinson/Muthyalu/
Deacon.
Virus-like particles from Rhizidiomycetes. Wojcik.
Mycovirus infecting Allomyces arbuscula. Khandjian.
Virus-like particles in mushrooms. Mori/Kuida.

Development, Morphogenesis, Genetics

Clamp connections. Ormerod/Francis/Margulis.
Mitosis in giant conidia of Neurospora. Raju.
Neurospora mutant with 4-spored asci. Raju.

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Contributed papers, Saturday, Sept. 3, Cont.

Sexuality in Nectria haematococca. Bistis/Georgopoulis.
Inhibiting stipe elongation substance from Coprinus congregatus. Bret.
Coprinus basidiospores in pileus orientation. Tylutki/Wagner.
Morphogenesis in basidiomycetes. von Netzer.
Physiologic specialization in Plasmodiophora. Buczacki.
Ontogeny of Rhytisma. Kamaletdinova/Vasiliev.
Exogenous glucose and morphogenesis of Limnoperdon. McCabe.
Development of Agaricus. Wood.
Development of female gametes in Alomyces. Pommerville.
Opeculum development in Chytridium. Gauriloff/Fuller.
6-aminonicotinamide and Neurospora. Russo.
Actions of nonanal, ionone, etc., on spores. French/Long.
Basidiospore germination in Agarics and Boleti. Fries.
Germination of sclerotia of Botrytis. Jackson.
Inoculum of entomogenous fungi for biological control. Thirumalachar.
Laccase in Fomes annosus. Haars/Huttermann.
Conidiogenesis in Fomes annosus. Zweck/Huttermann.
Mycelia of Tuberales in pure culture. Fontana.
Hyphal potentials in Podospora. Knoppik/Lysek.
Mucor dimorphism. Pore/Babu/Barnett/Hill.
Citrinin production by Penicillium. Hameed/Magib/Bidawid

Invited Posters
(Room 255-256 UC)

Marine Fungi

Protein synthesis in a marine chytrid. Amon.
Physiology of marine phycomycetes. Bahnweg.
Phylogeny of Thraustochytriales. Gaertner.
Tropical Phytophthora and Pythium. Master/Fell.
Fungal communities and decomposition. Newell/Fell.
Salt tolerance of Saprolegniaceae. Padgett.
Nutritional experiments with chytridiales. Ulken.
Marine lignicolous fungi. Brooks.
Nitrogen nutrition of Zalerion. Churchland.
Conidiogenesis in marine hyphomycetes. Cole.
SEM of ascospores of marine Ascomycetes. Gareth Jones/Moss.
Dermatophytic fungi in coastal areas. Pugh.
Mangrove fungi from India. Subramanian.
Brackishwater fungi. Tubaki.

Thurs., Sept. 1

Fossil Fungi

Phylogeny of dispersed fossil fungal spores. Elsik.
Spores from carboniferous and tertiary coals. Benes.
Preliminary Program, Cont.

Invited posters, Cont., Thurs., Sept. 1

Fungi from Holocene peat bogs. van Geel.

Fossil epiphyllous fungi from Tertiary of Southern Australia. Lange.

**Taxonomy of Aquatic Hyphomycetes.**

Aquatic hyphomycetes and ascomycetous perfect states. Webster/Descals.

Conidial aquatic Basidiomycetes. Nawawi.

Aero-aquatic fungi-imperfecti. Fisher.

**Genetic and Morphogenetic Studies in Higher Basidiomycetes.**

Quantal spectra for light sensitive phases in Coprinus. Durand.

Light, temperature, and morphogenesis in Coprinus. Durand.

Griseofulvin on nuclear distribution in Schizophyllum. Raudaskowski.

Metabolism and fruit-body development in Coprinus. Robert.

Chitin synthase in Schizophyllum. Siehr/Magruder.

Friday, Sept. 2

**Slime Molds.**

Mitochondrial configurations in Mycetozoa. Dykstra.

Cell wall and surface membranes of Physarum polycephalum. Turner/Hogan.

Mitosis in haploid plasmodia of Colonia. Steffens/Wille.

Plasma membrane of Dictyostelium during mating. Erdos/Aldrich.

Nuclear pore frequency in Physarum. Aldrich/Pendland.

Development and cytology of two acrasids. Spiegel/Olive.


Ca and Si in peridial. Schoknecht/Keller.

Spore ornamentation in Myxomycetes. Kalyanasundaram.

SEM in Myxomycete systematics. Rammeloo.

SEM on Trichiaceae. Frederick/Roth.

Aggregating Polysphondylium violaceum: Role of esterases. Clark/McCoy.


Phleomycin resistance in Physarum. Evans/Biehler/Evans.


Conformational change in surface membrane of plasmodia. Kobatake.

The spheren wall of Physarum polycephalum. Zaar/Beyer/Kleinig.

Griseofulvin on mitotic timing. Hebert/Wille/Steffens.


Cycloheximide not specific inhibitor of protein synthesis. Wendelberger-Schieweg/Huttermann/Haugli.

Methyl mercury DNA damage repair system. Nagainis/Cummins.

Plasmoidal incompatibility in Didymium iridis. Clark.


Apogamic development in Echinostelium. Therrien/Haskins.
University Center (UC): Congress headquarters, poster sessions.

Some of the dormitories in which congress participants will live.
Ground level view of Social Sciences cluster of buildings, where symposia are scheduled.

Aerial view of social sciences cluster: Classroom Building A at upper left, Education building in center, Business building at upper right, Arts and Letters at lower right.
Second International Mycological Congress
Registration and Housing Form

Name
Mailing Address

Please fill in the applicable below
I have been invited by ________________________________ to present a symposium paper.
Title of paper ________________________________

Name of symposium ________________________________
I wish to present a contributed paper (in a poster session). Title: ________________________________

I wish to present a film entitled: ________________________________
I have been invited by ________________________________ to participate in an evening session.
Subject of roundtable discussion or workshop: ________________________________

I need an official invitation to participate in the activities specified above to assist in securing travel funds. Please address the invitation to ________________________________

Name
Mailing Address

In order to be assured of housing space at the University of South Florida, the following application must be received by July 1, 1977. Acknowledgment will be made. All prices are per day. See instructions p. 11.
Please check one choice.

1. I wish to reserve a bed in a private room ($7.80 + tax). No other person will be housed in this room.

2. I wish to reserve one bed in a room that will be shared with another participant ($5.20 + tax). Those who wish to room together must submit applications at the same time and indicate roommate: ________________________________

3. I wish to reserve one double room (2 single beds) for myself and the following members of my family ($10.40 + tax). See instructions p. 11.
   Spouse’s name ________________________________
   Child ________________________________
   Child ________________________________

4. I wish to reserve one bed for each member of my family.
   Names ________________________________ (5.20 + tax)
   ________________________________ (5.20 + tax)
   ________________________________ (5.20 + tax)
   ________________________________ (5.20 + tax)
   ________________________________ (5.20 + tax)
I (we) desire housing from August ____________________________ through September ____________________________.
I (we) desire food service from August ____________________________ through September ____________________________.
I accept the invitation of the Mycological Society of America to attend the reception as their guest _________________.
My spouse will accompany me _________________ (yes or no).
Arrival date in Tampa: ____________________________ Departure date ____________________________
Traveling by: car. . . bus . . . train . . . airline______________________________ Flight No. ____________________________

Please return to Dr. Melvin S. Fuller (See deadlines, p. 12)
Department of Botany
University of Georgia
Athens, GA 30601 U.S.A.
Fungi for Distribution

The following fungi are available from the persons listed below.

Some Gymnoascaceae, by arrangement. G.F. Orr
Thermoactinomyces candidus, T. vulgaris, T. sacchari, Micropolyspora faeni, Saccharomonospora viridis. V. Kurup.

Fungi Wanted (c=cultures, s=specimens)

Myxomycetes from Mexico (s). Karl Leo Braun
New or unusual isolates of Penicillium accompanied by collection and isolation data and notes on unique features. D.T. Wicklow, NRRC, 1815 N. University St., Peoria, Illinois 61604.
Endothia (s,c). R. J. Stipes
Dothichiza populae. Pritam Singh.
Polydesmia, Arachnopezia, Lasiobelonium (s,c); Bisporaella, Ascocoryne specimens with backup cultures. R.P.Korf.
Sclerotinia (= Whetzlinia) (s,c). Linda Kohn.
Hyaloscyphaceae (s,c). John Haines.
Gymnoascaceae and related genera (c). G.F. Orr.
Jelly fungi (s) identified with collection data. Paul Olexia
Fungi parasitizing lichens (s); phycophilous members of the Clavariaeae (s) Bruce D. Ryan, Biology Dept., Western Washington St. Coll., Bellingham, Washington 98225.
Poisonous, fleshy fungi from Canada (s) with notes on macroscopic characters and photos (Kodachromes if possible) Cortinarius (s) with notes on macroscopic characters. Joe Ammirati.
Rhizopogon, Tulostoma (s). David Hosford.
Amanita (c,s) especially section Vaginatae. David Jenkins.
Leptota (s) Laccaria (c,s). Walter Sundberg.
New isolates of thermophilic Actinomycetes. V. Kurup.
Endogonaceae, Tuberales, Elaphomyces, hypogeous basidiomycetes (s). Jim Trappe.
Imperfects from wood and wood products, Trichocladium (c).
hypogeous fungi from the midwest. Elwin Stewart.

Personalia

Births


* Jeffrey Alan was born to the Paul Mistrettas on March 9, 1977.

* Janna Helen Burdsall weighed in at 8 pounds on January 29, 1977.

Deaths

* Lee Bonar, emeritus member of the society died March 1 in Berkeley, Calif.

Marriages

* William Jaspers and Bernardine Mehle were married July 30, 1976.

New Affiliations

* D.T. Wicklow has joined the ARS Culture Collection at the NRRC in Peoria. He will be collaborating with Dorothy Fennell on the Aspergillaceae, Eurotiaceae and related groups as well as participating in projects related to microbial ecology.
* Eli Crisan is now an independent consultant and owner of Lee Crisan Editorial Services, 690 Alvarado Ave., Davis, CA 95616.

* Scott A. Redhead has joined the mycology group at the Central Experimental Farm in Ottawa as of March, 1977. He has taxonomic responsibility for fleshy fungi.

* Dr. James Traquair is presently working as a research associate at the North American Poison Mushroom Research Centre at Erindale College of the University of Toronto, Mississauga, Ontario.

* Paul Mistretta is now with the USDA Forest Service, Southeast Area, Forest Insect & Disease Management Aerial Survey Team at Doraville, Ga.

* William Jaspers received a B.S. in Food Science from the University of Minnesota and is now Quality Control Manager of J.R. Short Milling Company of Kankakee.

Honors, Awards, and Promotions

* Walter Sundberg has been promoted to associate professor at Southern Illinois University.

* Mike Tansey has received tenure and promotion at Indiana University.

* Florida Technological University has awarded its Excellence in Teaching Award to James L. Koevenig. Jim previously earned two similar awards at the University of Kansas.

* Mauritz Anderson received his Ph.D. from VPI and SU in botany where he studied Environmental factor differences related to growth in three species of Monoblepharella.

* Robert Fromling received the John R. Sokatch Award for excellence in graduate research at the University of Oklahoma.

* Herbert Monoson has been promoted to full professor at Bradley Univ.

* Carl B. Wishner graduated cum laude in botany at Humboldt State Univ.

* Paul A. Horren has been promoted to associate professor of botany at Erindale College of the University of Toronto.

Travels, Papers Presented

* Walter Sundberg, Darrell Borders and Glen Albright presented a paper entitled "Changes in soil microfungal populations in the Palzo strip mine spoil following sludge application" at a symposium on Municipal Wastewater and Sludge Recycling held in Philadelphia on March 23.

* Robert Ulrich spoke at the University of Virginia and at Howard University on the topic "Sexual morphogenesis in Schizophyllum".

* Marcello Intini of the Instituto di Pathologia Forestale, Florence, Italy, will be spending three months at the Forestry Sciences Lab, Moscow, Idaho. While there he will be working with E.F. Wicker on North American Polyporaceae.

* Marcel Locquin will be visiting Neal Weber at Florida State University following IMC-2.
* The University of Texas at El Paso heard Charles Mims speak on the Ultra-structure of Cedar-Apple Rust, Gymnosporangium juniperi-virginianae.

* George Bistis will be visiting Dr. S. G. Georgopoulis in Athens to collaborate on a paper on sexuality in Nectria haematococca.

* George Grimes taught a six week course on mushroom identification at the Denver Botanic Garden and is now teaching the same course at Colorado State University. He is also forming a local Mycological Society there.

* Garry Cole spoke at the University of Michigan on "Patterns of development in conidial fungi."

* Martha Christensen, currently on leave from the University of Wyoming is working with Kenneth Raper at the University of Wisconsin-Madison. On Feb. 9 she spoke to the Botany Dept. at U.W. Milwaukee on mycorrhizal fungi and the ecology of soil fungi.

* John W. Baxter visited Tucson with a desert biology class and called on George Cummins while he was there.

* Martha Powell spoke at Ohio University on "Fingerprint vacuoles in the plant pathogen Phytophthora; What they are and what they do."

* "Sexual reproduction in Chytriomyces hyalinus" was the subject of a seminar given by Charles Miller to the Botany Dept. at Ohio State.

* David Hosford will spend his sabbatical leave collecting gasteromycetes on the east coast of the U.S. and Canada while doing herbarium studies at the New York Botanical Garden and nearby herbaria.

* Jim Trappe recently spoke to the Central Washington Mycological Society and the Biology Dept. at Central Washington State College on mycorrhizae and mycorrhizal fungi. Jim will be spending May in Taiwan at the invitation of the Taiwan Forestry Research Institute to give a workshop on mycorrhizae and consult on the formation of a research program on mycorrhizae there.

**PUBLICATIONS WANTED**

* Paul Vergeer would like to receive reprints concerning polypores.

* Ranjit Dhanda needs a copy of The Polyporaceae of United States, Alaska and Canada by L.O. Overholts.

* William Jaspers needs publications on mushroom poisoning -- chemical analysis and elucidation of toxins. (English only).

* James C. McDonald will buy used copies of "Common Fleshy Fungi" by C. M. Christensen (1965).

* Elwin Stewart would like to obtain "Principles of Fungal Taxonomy" by P.H.B. Talbot (1971).
* David Jenkins is looking for volumes of Mycologia prior to 1962 and papers dealing with the culture of agarics and boletes.

* William Elsk would like papers on fungal spores and will exchange for papers on fossil fungal spores.

* K.M. Foos is in the market for Buller's "Researches on Fungi" (complete set) original or reprint.

* Bruce Horn is seeking a copy of Thaxter's Contributions toward a monograph of Laboulbeniaceae, Parts I (1896) and II (1908).

**PUBLICATIONS AVAILABLE**

* Jim Trappe will give away, to good homes, several copies of Skirgiello's Fungi -- Boletales translated from the Polish original.

* Free from John Baxter are 1) Morphologic variation in Puccinia menthae; 2) Notes on Labiate rusts (Mycologia 51, 1959); 3) New species of Uredinales on Leguminosae of Mexico (Mycologia 56, 1964).


* Ann Bell is giving away the following: 1) Fungal succession on the dung of the brush-tailed opossum in N.Zealand; 2) The Lophiostomataceae (monograph); 3) Pseudothecium development in the Lophiostomataceae, and two others.

* Clark Rogerson is selling Rev. of Applied Mycology, vol. 1-17; Rusts of Connecticut; Hymeniales of Conn.; Fungi of Nova Scotia; Zeller & Dodge Leucogaster, Hysterangium, Rhizopogon; Overholt's Polypores of Ohio; Burt's Clavaria and Merulius; Coker's Saprolegniales; Karling's Biflagellates; MacBride's North American Slime Molds; Sartory Pratique; Christensen's Danish resupinates.

* John Haines has available C.H. Peck's State Botanists Reports.

* Available from Donars Productions, P.O. Box 24, Loveland, CO 80537, 20 myxomycete transparencies for $15 with teaching guide and descriptions.


* Martha Sherwood will exchange "The Ostropalean Fungi" Mycotaxon 5;1-277 for equivalent material.

UPCOMING COURSES IN MYCOLOGY

* **Field Mycology** will be taught by Linda Kohn at the University of Vermont July 5-22. Information from Summer Session, U of V, Burlington, VT 05401.

* Marcia Wicklow will be teaching Mushrooms of Idaho August 1-5 at McCall, ID. Write Boise State Univ., Summer Session, Boise, ID 83722.

* General Mycology will be taught at Utah State University, Winter 1978 by Eunice Cronin.

* Kenneth Erb will be teaching "Algae and fungi and their relation to the environment." Fall 1977 at Hofstra.

* A course #405 on Sampling and identification of pollen & fungus spore aero-allergens will be conducted by the Air Pollution Training Institute, Research Triangle Park, N.C. 27711 on June 6-10 and Aug. 8-12, 1977.

POSITIONS AVAILABLE

* Teaching Assistantships are available in Biology at Tulane University. Contact A. L. Welden.

* Contact James P. Amon concerning an assistantship or fellowship of $3-4,000 in Biology at Wright State University, Dayton, Ohio.

* Graduate support is available for students wishing to study genetics, physiology or nucleic acids of fungi with R.C. Ulrich at the University of Vermont.

* The Anna E. Jenkins Postdoctoral Fellowship (emphasis on neotropical ascomycetes and imperfects) will be offered as funds become available (approximately every other year). Contact R. P. Korf, Cornell University.

* A position for a systematic mycologist (Ph.D.) in the Herbarium and Division of Biological Sciences of the University of Michigan will become available July 1, 1978. It will be at the assistant curator/professor level. In addition to research and curatorial work it will involve teaching one course per year. A formal announcement of the position with application instructions may be obtained in late September. Application deadline is Dec. 15, 1977. Inquiries should be directed to Robert L. Shaffer.

* David Largent may have 2-4 research assistantships available for January 1978 for Masters candidates.

POSITIONS WANTED

* Bruce D. Ryan seeks assignments in biological illustration. His specialty is cryptogamic plants. He holds a B.A. in Biology from Western Washington State College where he worked with Maurice Dubel. He will supply a resume and samples on request. Biology Dept., Western Washington St. Coll., Bellingham, Wash. 98225.

* Pritam Singh Ph.D. seeks a research, teaching and/or extension position. His interests include forest pathology, disease survey & extension work.
His specialty is the epidemiology, distribution and control of root rot disease and the physiology of parasitism. He is competent to teach taxonomy, physiology, cytology and ultrastructure of fungi.

* Dr. Maung Mya Thaung, Head, Dept. of Plant Pathology, Institute of Agriculture, University Post Office, Mandalay, Burma, seeks a suitable position at an American university to teach mycology and/or continue mycological research. He holds a Ph.D. from the University of Wisconsin (1956) and has broad experience in teaching and research.

* Dr. Mikhail D. Pirtskhalashvili, a recent emigrant from the Soviet Union seeks a research position. His experience has been in the biochemistry of walls of plant pathogenic fungi, emboloformation toxins of phytopathogenic fungi and phytoncids of plants. 1111 Lake Ave., Apt. 59, Metairie, LA 70005.

**MISCELLANEOUS**

* A handbook of the poisonous fleshy fungi of Canada is being prepared by the North American Poison Mushroom Research Center. Persons wishing to contribute Kodachromes, specimens, etc., should contact Joe Ammirati.

**THERE WILL BE NO 1977 BUSINESS MEETING OF THE MYCOLOGICAL SOCIETY OF AMERICA**

At the June meeting of the Mycological Society of America in New Orleans, the Council voted to eliminate the 1977 Annual Business Meeting since the Society will be meeting in conjunction with the SECOND INTERNATIONAL MYCOLOGICAL CONGRESS, Aug. 26-Sept. 3, 1977, in Tampa, Florida.

The COUNCIL of the Mycological Society will be meeting on Sunday afternoon, August 28, 1977. If there is business you feel needs to be brought before the Council please contact an officer of the Society before August 15, 1977. Other business of the Society will be handled by mail.
Any person interested in the study of fungi is eligible for membership. Annual dues of Regular Members are $15.00. A special annual rate of $8.00, for a maximum of 5 years, is provided for a member enrolled as a student. Regular and student members receive MYCOLOGIA and the MSA NEWSLETTER, may participate fully in the annual meeting, may submit papers for publication in MYCOLOGIA, and may vote and hold office in the Society.

Annual dues for Associate Members are $5.00. These members receive the MSA NEWSLETTER and may present one paper at the annual meeting of the Society. They do not receive MYCOLOGIA or have other privileges of membership (information about Life Membership may be obtained from the Secretary-Treasurer.)

Membership may begin either on January 1 of the current year or on next January 1.

Mail this application along with a check, money order, or bank draft in U.S. Funds covering the first year's dues to:

Dr. James W. Kimbrough, Secretary-Treasurer
The Department of Botany
University of Florida
Gainesville, Florida 32611 USA

THE MYCOLOGICAL SOCIETY OF AMERICA
Application for Membership

Name _____________________________________________________________

Mailing address ___________________________________________________

____________________________________________ ZIP ______

Do you desire to be □ Regular, □ Student, or □ Associate Member?

Date on which you wish your membership to begin: January 1, 19______

Signature of a member endorsing your application ______________________

(OVER)