CONTENTS

Sustaining Members. ........................................... 2
President's Letter. ............................................ 4
Notes on the Second International Mycological Congress. .... 5
Society Business for 1976 ..................................... 7
  Minutes, Council Meeting ................................... 7
  Minutes, Business Meeting ................................. 9
Report of the Secretary-Treasurer ............................ 11
Report of the Editor-in-Chief of Mycologia .................. 13
Report of the Managing Editor of Mycologia and Mycologia Memoirs ........................................... 13
Report of the Newsletter Editor .............................. 14
Society Organization for 1976-77 ............................. 15
Symposia, Meetings and Forays of Interest ................... 18
New Mycological Research Projects ........................... 18
Identifications ................................................ 20
Fungi Wanted .................................................. 21
Fungi for Distribution ........................................ 22
Personalia ..................................................... 22
Publications Needed ........................................... 26
Publications for Sale, Exchange or Giveaway ................ 27
Courses in Mycology .......................................... 28
Placement ..................................................... 29
Miscellaneous ................................................ 31

Editors' note: When a member's address is not listed for a given item, please consult your Society Directory or its revision in the last newsletter.

Cover Design
J. Page Lindsey
Graduate students who are candidates for the Ph.D degree in the field of mycology and in residence at an American or Canadian University are invited to apply. In selecting the recipients of the Fellowships, consideration is given to scholastic merit, research ability, and promise shown as future mycologists. The stipends of $1000 and $500 are intended as supplementary grants for two outstanding candidates and are awarded in addition to any fellowship, scholarship, or assistantship support from other sources. The stipends may be used by the recipients in any way to further their graduate studies.

Application forms may be obtained from the Secretary-Treasurer of the Society:

James W. Kimbrough, Sec-Treas.
Mycological Society of America
Department of Botany
University of Florida
Gainesville, Fla. 32611

Deadline for receipt of completed application forms

1 April 1977
SUSTAINING MEMBERS

BBL, DIVISION OF BIOQUEST
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Cockeysville, Maryland 21030

BUTLER COUNTY MUSHROOM FARM
West Winfield, Pennsylvania 16062

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P.O. Box 12087
San Diego, California 92112

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Complete line of museum storage cabinets,
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Compound and stereo microscopes for research, laboratory and schools with accessories for fluorescence, phase contrast, interference contrast and photomicrography
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Research Laboratories, Detroit, Michigan 48232

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Fine chemicals and pharmaceuticals by means of microorganisms
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PIONEER HI-BRED INTERNATIONAL, INCORPORATED
1206 Mulberry Street, Des Moines, Iowa 50308

SCHERING CORPORATION
Pharmaceutical manufacturers
Bloomfield, New Jersey 07003

G. D. SEARLE & COMPANY
Health Care Products and Service
P.O. Box 1045, Skokie, Illinois 60076

SMITH KLINE & FRENCH LABORATORIES
Prescription medicines and other health care products
Division of SmithKline Corporation
Philadelphia, Pennsylvania 19101

TRIARCH INCORPORATED
Quality prepared microscope slides, catalog listed or custom prepared to your specifications
Ripon, Wisconsin 54971

THE UPJOHN COMPANY
Fine pharmaceuticals since 1886
Kalamazoo, Michigan 49001

VELSICOL CHEMICAL CORPORATION
Agricultural and Industrial Chemical Products
341 East Ohio Street, Chicago, Illinois 60611

WALLERSTEIN COMPANY
Division of Travenol Laboratories, Inc.
Research and production of enzymes and fermentation chemicals
Morton Grove, Illinois 60053

WARNER-LAMBERT RESEARCH INSTITUTE
Central Research Affiliate of the Warner-Lambert Company
Morris Plains, New Jersey 07950
December 1, 1976

To members of the Mycological Society of America

Soon it will be the year of the Second International Mycological Congress, and it is with this special emphasis that I am pleased to extend greetings to the members of our Society.

The plans of organization of the Congress have proceeded well due to the exhaustive efforts of many people, and we will be able to participate in an exciting and interesting program. There is an incredible variety to the scheduled events, and those in every facet of our discipline should find unusual opportunities for extending their mycological backgrounds as well as meeting and discussing problems with colleagues in their immediate field. I hope that members who are still undecided about going will reconsider seriously and try to attend. Those who met at the successful First Congress at Exeter can testify about the impetus to teaching and research which is provided only by an assembly such as will be at Tampa. I hope also that many graduate students will be able to come for by their participation there is assurance of the growth and vitality of mycology in the future.

I would like to express my thanks to you for the honor of being selected president for 1976-1977. At this mid-point of the term, my experiences have been very interesting and rewarding due to the many contacts with members about diverse matters. It has been a privilege to make appointments to several committees, and I wish to thank the chairmen for their prompt cooperation and helpful responses. There has also been correspondence with the larger organizations with which MSA is affiliated, and I can assure you of their active interest in our opinions and activities.

I look forward to seeing many of you at Tampa in August.

Sincerely yours,

Howard E. Bigelow
President
NOTES ON THE SECOND INTERNATIONAL MYCOLOGICAL CONGRESS

The Second and Final Congress Circular has now been mailed to all who requested it. Mycologists who wish to attend the congress must complete and return registration and abstract forms contained in this curricular. Abstract deadline is April 1, 1977. Registration may be completed up to June 30 without added-on late charges. The Second and Final Circular may be requested directly from Dr. M. S. Fuller, Dept. of Botany, University of Georgia, Athens GA 30601.

Preparations are proceeding on schedule, and those of us who have worked on the scene in Tampa with the local arrangements co-chairpersons, Fred Eilers and Diane Merner, are very pleased with the facilities and planning there.

Evening meetings: These have been designated as Special Interest Meetings. Some details are still incomplete, but prospects are that about six per evening will be scheduled. Format will vary, at the discretion of the organizer. Some will be actually mini-symposia, with several speakers giving formal papers. Others will be intentionally unstructured, for free discussion of techniques, negative research results, or studies of particular organisms. Still others will feature hands-on lab demonstrations of techniques or teaching methods. Abstracts of the more formal Special Interest Meeting individual presentations are acceptable, but on the basis that all speakers in a given session submit them. This will ensure uniformity and eliminate piecemeal submissions. Listed below are Special Interest Meetings tentatively scheduled thus far, with their organizers. Possibly a few more could be accommodated, but I would prefer not to overcrowd these evenings. Several conflicts already exist, with the consequent scheduling difficulties. Persons wishing to have additional Special Interest Meetings considered for inclusion should contact me immediately.

SPECIAL INTEREST MEETINGS PRESENTLY SCHEDULED

Chemotaxonomy - Martha Roane
Yeast taxonomy - Cletus Kurtzman
Flora Neotropica - Kent Dumont
Culture collections - C. W. Hesseltine
Phylogeny - Kris Pirozynski
Poly-adenine - J. S. Lovett
Mycology and analytical technology - W. M. Hess
Entomogenous fungi - Don Roberts
Teaching medical mycology - Norman Goodman
Tropical fungi - Kent Dumont
Conifer needle diseases - Neil Anderson
Fungi as a data base in community ecology - Michael Swift
Lignicolous Hyphomycetes - C. J. K. Wang
Ultrastructure of fungal viruses - R. Bozarth
Development and ecology of cellular slime molds - H. R. Hohl
Slime mold phylogeny - H. C. Aldrich
Mycoparasitism - Harvey Hoch
Chemotaxonomy of lichens - Irwin Brodo
Cyclic AMP - J. S. Lovett
Handling fungi in the laboratory (workshop) - R. D. Goos
Genetics and morphogenesis, higher Basidiomycetes - P. G. Miles
Chromosomes - Paul Horgan
Physarum flops, foibles, facts, and futures - E. M. Goodman
Fungi as tools in ecology - J. Lussenhop
Phytophthora - G. Zentmyer
Ascomycete phylogeny - Don Reynolds
Microtubules and mitosis - I. B. Heath
Color standards - Kent McKnight
Teaching mycology in the tropics - R. D. Goos
Data coding for computer taxonomy - M. Krischevsky
Xylariaceae - J. Rogers
Rusts - Michele Heath
Contributions of women to mycology - Eunice Cronin

Participants are reminded that touristic excursions are being handled by the American Overseas Travel Agency of Tampa, as described in the insert to the Second Circular. Anyone not receiving this insert should contact Mel Fuller for a copy.

Although response to Dr. Fuller's plea for mycological art has been gratifying, he asks that anyone else with suggestions or contributions for this exhibit contact him now.

Finally, we see little evidence that very many films are being readied for presentation at the meetings. We hope that this situation will be remedied by the time we meet in Tampa. Ed Haskins, University of Washington, is coordinating films for us. His plan is to present, in addition to current films, a review theater of mycological films, both teaching and research material, of the past 20 or 30 years. Any of you who can bring such classics or have suggestions along this line, please contact Ed.

In spite of the hassles I have endured to date, and those undoubtedly lurking ahead for me, I continue to be excited about the congress and optimistic about its chances of being highly successful. Thanks to all of you who have helped me with preparations and planning.

Henry Aldrich
Program Chairman
COUNCIL MEETING AT THE FORTY-SECOND ANNUAL MEETING OF THE
MYCOLOGICAL SOCIETY OF AMERICA, TULANE UNIVERSITY,
NEW ORLEANS, LA., May 30, 1976

MINUTES

The Council of the Mycological Society of America met at 2:00 P.M., May 30, 1976 in the University Center of Tulane University in New Orleans, La. All but one member of the Council was present (Charles E. Bracker), along with Editors, Committee Chairpersons, and Official Representatives; making a total of 20 in attendance. The Meeting was called to order at 2:05 P.M. by President Melvin S. Fuller.

The minutes of the 1975 Corvallis Meeting were approved as published in the MSA Newsletter, vol. 26 (2), Dec. 1975.

The 1976 report of the Election Tally Committee was presented (the committee consisted of Drs. R. K. Benjamin, Don Reynolds, and Gerry Benny).

The Council then:

(1) Received and discussed reports of the Sec.-Treasurer on business transacted by mail during the past year.

(2) Received and discussed the report of the Research Grants and Publications Committee and the announcement of the winners of the Graduate Fellowships in Mycology.

(3) Received comments from the President on:
   a. Meeting of the Council of Presidents of AIBS.
   b. Desire of the American Society of Microbiologists to have closer affiliations with the Mycological Society, with possible joint meetings and publication of memoirs.
   c. Encouraged an increase in travel expense for the Annual Lecturer.
   d. Encouraged support of the Ad Hoc Committee studying Society activities.
   e. Congratulated the Sustaining Membership Committee for their superb work during the past year.

(4) Received and discussed reports of the Sec.-Treasurer, Editor-in-Chief and Managing Editor of MYCOLOGIA, Chairman of the Mycologia Memoirs Committee, the MSA Newsletter Editor, and Program Chairman, including:
   a. Mycologia Memoirs # 6, Wehmeyer's "The Pyrenomycetous Fungi" has been published and is available from Cramer Publishers.
   b. The Newsletter Editor requested ideas for Newsletter content and covers.
   d. The Program Chairman announced the number of student and non-student papers and room changes for a number of sessions.

(5) Received and discussed reports from various Committee Chairpersons and Official Representatives of Affiliated Organizations, including:
   a. The Sustaining Membership Committee activities resulted in 8 new members and one reinstatement.
   b. Despite apathy on the part of the Society members toward nomenclatural problems, the Chairperson of the Nomenclature Committee feels there is justification for continuing the Committee, if for no more than for a training ground for novice nomenclaturalist.
c. An updated brochure on "Careers in Mycology" should be completed by October, 1976.

d. AIBS ended 1975 in the black, with two new adherent and four new affiliate Societies, 14 new student chapters, and a total membership of 11,838.

e. The American Type Culture Collection celebrated its 50th Anniversary, climaxed with a symposium, luncheon, and open house.

f. The Ad Hoc Committee on Society Activities will be formulating a questionnaire to distribute to members for their opinion as to the status and direction of the Society. The Council approved $550.00 in travel funds for members of the Committee to meet in December, 1976.

(6) Received and discussed reports of the Chairman of the Executive Committee and Program Chairman of the Second International Mycology Congress (reports included in the Newsletter).

(7) Unfinished Business included comments from the Committee on Establishing Memorials. Disappointment was expressed that there had been no response to the Newsletter announcement and solicitation of Memorials

(8) Under New Business the Council:

a. Approved 14 members for Emeritus Status and two for Life Membership in the Society
b. Approved the sale of back issues of Mycologia Memoirs 1-4 at a reduced price (as advertised in the June, 1976 Newsletter).
c. Approved meeting with AIBS at the University of Georgia, August 20-25, 1978.
d. Approved a recommendation that Dr. Richard Hanlin serve as Program Chairman for 1978-1979.

e. Approved a 1977 Council Meeting on Sunday Morning preceding the Second International Mycology Congress, August 27, 1977. Other business will be conducted by mail. No business meeting in Tampa.

f. Approved a proposal from the Research Grants and Publications Committee to offer a second fellowship award of $300.00 in 1976, and to offer two Mycology Fellowships in the future, one for $1000.00 and a second for $500.00. The Council also approved a second Graduate Research Prize of $50.00 for the best papers presented by students at the annual meeting.

g. Approved an increase in the honorarium for the Annual Lecturer, $150.00 plus travel expenses, up to a total of $500.00.
i. Approved MSA reception at the Second Inter. Mycol. Congress.

Dr. Arthur Welden reminded the Council that the Mycological Society was first organized in New Orleans 45 years ago.

The Meeting was adjourned at 4:05 P.M.

Respectfully submitted,

James W. Kimbrough
Sec-Treas.
The Annual Business Meeting of the Mycological Society of America was held on 2 June 1976 in the Bruff Commons Dining Hall of Tulane University, New Orleans, La. President Melvin S. Fuller called the meeting to order at 8:40 A.M. There were approximately 160 members in attendance. The President introduced officers seated at the front table and welcomed members and guests to the Annual Business Meeting.

The Minutes of the 1975 Business Meeting in Corvallis, Or. were approved as published in the MSA Newsletter, vol. 26 (2), Dec. 1975.

The new, elected officers were announced by the President, and the roster of officers for 1976-1977 is as follows:

President: Howard E. Bigelow
President Elect: Jack D. Rogers
Vice-President: Robert L. Gilbertson
Secretary-Treasurer (1974-77): James W. Kimbrough
Councilors:
   Western U.S. (1975-77): George C. Carroll
   (1976-78): Charles H. Mims
   Canada (1975-77): Robert J. Bandoni
   Past Presidents (1975): Stanley J. Hughes
   (1976): Melvin S. Fuller

The President thanked Dr. Arthur Welden, Local Committee Representative, for his efforts in helping to make the New Orleans Meeting a success, and Jim Trappe, Program Chairman, for the well organized program. Thanks were also extended to Dr. Welden and Dr. Wm. Bridge Cooke for their efforts in organizing the annual mycology foray. The Sustaining Membership Committee was congratulated for the splendid work they did in recruiting new members. All members were encouraged to assist and cooperate with the Ad Hoc Committee on Society Activities in their efforts in improving the Society and its activities. The President also commented on the desire of the American Society of Microbiologist to have closer affiliations with the Mycological Society, with possible joint meetings and publication of memoirs.

All retiring Council members, Editorial Board members, and Official Representatives were thanked for their service to the Society.

Reports were presented by the Secretary-Treasurer (James W. Kimbrough), the Editor-in-Chief of MYCOLOGIA (Margaret B. Bigelow), the Managing Editor of MYCOLOGIA (Clark T. Rogerson), and the results of the Council Meeting held Sunday, May 30, 1976. Copies of these reports are provided below.

The list of individuals requesting membership in the Society (printed on the Agenda) was presented. It included 95 regular members (by 31 July 1976, however, there were 10 additional members), seven new Sustaining Members, and seven new Associates. A motion was made, seconded, and unanimously approved
to accept these new members.

Dr. Charles W. Mims, Chairman of the Committee on Research Grants and Publications, announced that Mr. Scott Redhead, working with Dr. David Malloch, University of Toronto, had been awarded a Graduate Fellowship (1976-77) of $750.00, and Mr. John Taylor, working with Dr. Kenneth Wells, University of California-Davis, had received a second award of $300.00. The Council in its 30 May 1976 meeting approved two graduate research prizes, $100.00 and $50.00. This year there was a tie for first prize in which $75.00 went to each, Mr. Terry W. Hill, University of Florida, for his paper on "Perithecial ultrastructure of Herpomyces (Laboulbeniales)", and Mr. Dennis McCabe, University of Washington, for his paper of "Development in Limnoperdon incarnatum." It was announced that the Council had approved not only two research prizes each year, but that in future years there would be two Graduate Fellowships in Mycology, one for $1000.00 and another for $500.00 each year. This year the Council approved a second Graduate Fellowship of $300.00.

Under New Business Dr. Emory Simmons, Chairman of the Executive Committee of the Second International Mycology Congress, gave a progress report on many of the activities in preparing for the Congress. Dr. Henry Aldrich, Program Chairman for the Congress, outlined briefly some of the major events of the Congress and progress made in formulating the program.

Dr. Howard Whisler, Chairman of the Ad Hoc Committee on Society Activities, commented briefly on the activities of the committee and of their hopes to receive constructive information from members of the Society. A questionnaire is currently being prepared for distribution to all members.

Under Unfinished Business it was announced that an October 1976 deadline had been set for completing the Brochure on Careers in Mycology.

The meeting was adjourned at 9:40 A. M.

Respectfully submitted,

James W. Kimbrough
Sec-Treasurer
REPORT OF THE SECRETARY-TREASURER

1975-76

This report covers the period between 31 July 1975 to 31 July 1976. An interim report was presented to the Council and at the Business Meeting during the 30 May-6 June, 1976 AIBS Meetings in New Orleans, La. This final report was presented to the Council prior to publication in the MSA Newsletter.

A. Business transacted by mail since 1975 meeting:

1. Proposed change in ARTICLE IV, 4 of the BYLAWS concerning Emeritus Members was sent to the Society membership for their vote. The vote was 280 yes; 3 no.

2. On 2 Oct. 1975 the Council was polled concerning the purchase of back issues of Mycologia Memoirs 1, 2, and 3 from Hafner Press. The Council was unanimous in their vote to purchase the back issues. These issues were subsequently purchased from Hafner division of MacMillan Publishers for $1,631.93. These were advertised in the MSA Newsletter 27 (1): 19 at a reduced price.

3. Dr. Margaret Barr-Bigelow, Editor-in-Chief of Mycologia, recommended that Dr. Terry Johnson, Jr. remain on the Editorial Board to serve for another term. Council approval was sought by mail ballot on 5 Oct. 1975. There were 10 yes votes and one abstaining.

B. Finances:

A. As of 31 July 1976 the checking account of the Society had a balance of $1,790.68, the savings account a balance of $19,075.04, with a total in assets of $20,865.72. Receipts for this period totalled $21,383.97, and included $18,242.27 in dues from regular and affiliate members, $89.50, from associates, and $2,200.00 from Sustaining Members; $721.20 from the sales of Memoirs, $120.00 from the sales of address labels, and $11.00 from AIBS Insurance Dividends.

Disbursements for the 1976 Fiscal Year totalled $23,055.00, of which $11,736.98 went for Mycologia subscriptions; $1,300.00 for Graduate Fellowships; $250.00 for Graduate Research Prizes; $200.00 for annual Lecturers; $859.84, Newsletter, $154.53, president's travel to AIBS; $5.00, Recorder of Deeds; $2,000.00, the 2nd International Congress; $1,631.93, purchase of Memoirs 1-3; $38.35, reimbursements; $50.00, 1975 and 1976 dues to Inter. Mycol. Assoc.; $225.00, participant in Viral Symposium; $93.96, currency exchange and bank charges; $2,384.41, operation of the office of Secretary-Treasurer; and $1,500.00 transferred to Savings. Expenditures by the Sec-Treas. are as follows: $212.01, typing, printing of ballots, fellowship announcements, etc.; $650.00, postage; $69.79, office supplies; $86.00, telephone; $550.00, sec's. travel to Corvallis & New Orleans; $598.00, typing and printing of Directory; and $218.61, addressograph service. A transfer of $1500.00 is also noted in the disbursements from checking.

The Sustaining Members Account which showed a deficit of $670.00 in 1974, thanks to the hard work of the Sustaining Membership Committee, increased to a balance of $586.00 by 31 July 1975, and to $1,036.00 on 31 July 1976. The other special accounts under savings are as follows: Memoirs Fund, increased from $4,931.59 to $6,434.7; Research Grants and Publications Fund, $5,861.77, unchanged; Life Membership Fund, increased from $1,400.00 to $2,000.00; and the Operational Reserve Fund, increased from $4,600.00 to $4,778.80. There was an increase in Saving of $2,281.68, $781.68 from interest; $1,500.00, transferred from checking. Saving's interest was added to the Memoirs Fund, and $600.00 of the $1,500.00 from checking went to the Life Membership Fund; the $900.00 balance was placed
in the Operational Reserve Fund and Memoirs Fund.

During Fiscal Year 1976, after the $1500.00 transferred to savings is subtracted from disbursements, the balance shows that the Society spent $171.00 more than it received from regular receipts. With the interest in Savings of $781.68, however, there was an increase of $610.65 in the Society's total assets. Expenditures were approximately $7,000.00 less in 1976 than in 1975, while receipts decreased by $2,000.00. The purchase and resale of back issues of the Memoirs account for most of these changes.

The finances of the Society appear to be in good shape. With a steady increase in both regular and Sustaining Members, and continued sales of Memoirs, Society assets should remain at a fairly steady state. There are a number of expected expenditures during the year ahead, however, that might necessitate the use of some of the Society Savings. These include another contribution to the Second International Mycology Congress, printing of the brochure "Careers in Mycology", and the additional Fellowship and Graduate Research Prize authorized by the Council.

C. Membership:

As of the dates below, membership in the Mycological Society of America was distributed as follows:

<table>
<thead>
<tr>
<th></th>
<th>31 July 1975</th>
<th>31 July 1976</th>
<th>Change</th>
</tr>
</thead>
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<tr>
<td>Affiliated Societies</td>
<td>6</td>
<td>6</td>
<td>0</td>
</tr>
<tr>
<td>Associates</td>
<td>15</td>
<td>22</td>
<td>+7</td>
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<tr>
<td>Corresponding Members</td>
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<tr>
<td>Emeritus Members</td>
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<td>57</td>
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<tr>
<td>Life Members</td>
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<td>Sustaining Members</td>
<td>17</td>
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<td>Regular Members</td>
<td>1154</td>
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<td>+44</td>
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<td><strong>TOTALS</strong></td>
<td><strong>1263</strong></td>
<td><strong>1337</strong></td>
<td>+74</td>
</tr>
</tbody>
</table>

Between 31 July 1975 and 31 July 1976, 175 regular members were added to the Society rolls. These included 60 students, 45 non-students, and 70 reinstatements. Regular members were reduced by 132; 14 to Emeritus, 2 to Life Membership, 11 resigned, 5 died, and 100 were dropped for non-payment of dues. Regular Members include 170 students and 1028 others.


Deaths of the following members were reported since 31 July 1975: Sanshi Imai, E. W. Mason, Hazel H. McKay, Nagayoshi Oshima, and Frederick A. Wolf.

Respectfully submitted,

James W. Kimbrough
Sec.-Treas.
REPORT OF THE EDITOR-IN-CHIEF OF MYCOLOGIA
20 July 1976

This report covers the period from July 1, 1975 to June 30, 1976.

During this period 141 manuscripts were received. Thirty-two still were pending at the end of the previous year and revisions of ten that had been rejected earlier were reinstated for further consideration. Of the 183 manuscripts, 14 were rejected, two were withdrawn by the authors, 119 were edited for the 1976 volume, and final action still is pending on 48. The first five issues of the 1976 volume include 68 regular articles and 42 brief articles in addition to reviews and brief notices edited by Dr. Korf. Nine manuscripts are being processed for the sixth issue of the 1976 volume which will be completed by mid-July.

The help and cooperation of the members of the Editorial Board, the Managing Editor, the Book Review Editor, and the many members and nonmembers who provided reviews are greatly appreciated.

In particular, I would like to thank Drs. Richard Benjamin and Clark Rogerson who guided and assisted me in this first year as editor.

M. E. Barr Bigelow

REPORT OF THE MANAGING EDITOR OF MYCOLOGIA AND MYCOLOGIA MEMOIRS
26 May 1976

Mycologia

The financial reports for the periods June 30, 1973 to July 1, 1974 and June 30, 1974 to July 1, 1975 were published in the November-December 1975 issue of Mycologia. For 1974 there was a $7,254 deficit; for 1975 a surplus of $2,047, thus part of the previous deficit was cancelled out. Since the books for the current fiscal period will not be closed until June 30, 1976, only a preliminary financial report can be given. Income to date has totalled $55,000, of this about $11,000 came from member's subscriptions, $36,000 from other subscriptions, $5600 from page charges, and $1200 from Mycologia Endowment. Expenses so far totalled about $42,000; most of this, $32,000, was for printing and mailing the last four issues of the 1975 volume of Mycologia. A balance of about $13,000 is on hand; more income is expected; the printing and mailing of the first two issues of the 1976 volume will be paid from this. At the moment it appears that we will have a moderate deficit.

Mycologia Endowment now stands at $30,588, a decrease of $239 from last year.
The delay in publication of the first two issues of the 1976 volume of Mycologia is entirely the responsibility of The New York Botanical Garden. Dr. Margaret Bigelow, Editor-in-Chief of Mycologia, has met every one of her deadlines and must not be blamed for any part of the delays. The ever-increasing costs of printing scientific journals necessitated some endeavor on the part of the Garden to experiment with different methods to save money. Mycologia through the July-August issue of 1975 was printed by letter-press. The September-October and November-December 1975 issues were printed with a photo-offset method. The January-February 1976 issue was printed by a different photo-offset method. This undoubtedly saved money but lost time. Hence the March-April, and subsequent issues of this year's volume will be printed by the same photo-offset method as the November-December issue. The January-February 1976 issue was released on May 21st; the March-April issue is in page-proof; the May-June issue is being set in page-proof; the July-August issue is being set in galley-proof. Mycologia should be back on schedule during the summer.

Mycologia Memoirs

Mycologia Memoir Number 6 (Wehmeyer, Pyrenomycetous Fungi) was published in December 1975 by Cramer Publishing Co., West Germany, for The New York Botanical Garden in collaboration with the Mycological Society of America at no cost to the Garden or to the Society.

Mycologia Memoirs Number 4 (Larsen, Tomentella) and Number 5 (Gerdemann and Trappe, Endogonaceae) were published in 1974 using funds of the Society. To date 322 copies (1500 printed) of number 4 and 1545 copies (1800 printed) have been sold.

Negotiations with Macmillan Co., for the stock of Mycologia Memoirs numbers 1 (Cash, English-Glossary), 2 (Petersen, Clavulinopsis) and 3 (Hesler, Gymnopilus) have been successful and the Society has purchased at cost the remaining stock. The Society now has all back stock of numbers 1 through 5.

Clark T. Rogerson
Managing Editor

REPORT OF THE EDITOR, MSA NEWSLETTER

Publication has continued approximately on schedule, with no great increase in the costs involved. Only one issue was actually mailed during the period August 1, 1975 through July 31, 1976. The summer issue was completed and mailed in August, 1976, after the end of the fiscal year. Costs for the December, 1975 issue were as follows:

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Submitted 17 January 1977

Henry Aldrich
Newsletter Editor
SOCIETY ORGANIZATION, 1976-1977

1. OFFICERS AND COUNCILORS

President, 1976-77: Howard E. Bigelow
President Elect, 1976-77: Jack D. Rogers
Vice-President, 1976-77: Robert L. Gilbertson
Secretary-Treasurer, 1974-77: James W. Kimbrough

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- Past Presidents, 1975-76: George C. Carroll
- 1974-75: Melvin S. Fuller
- 1974-75: Stanley J. Hughes

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Representative on the Committee of Sect.G, Biology, American Association for the Advancement of Science (3 yr.) 1975-78, W. Lena Austin.


Representative on the Board of Trustees, American Type Culture Collection (3 yr.), 1974-77, to be announced.

Representative to the Assembly of Life Sciences of the National Research Council (3 yr.), 1974-1977, C. W. Hesseltine.

Representative on the Committee of Representatives of the Phytopathological Translations Program, R. P. Korf

Representative on the AIBS Local Arrangements Committee (1978), David Porter.

3. EDITORS:

a. MYCOLOGIA, Editorial Board
   - Margaret Barr Bigelow, Editor-in-Chief, 1976-1980
   - C. T. Rogerson, Managing Editor
   - T. W. Johnson, Jr., 1976-1980
   - B. Lowy, 1972-1977
   - S. Bartnicki-Garcia, 1973-1978
   - K. Wells, 1973-1978
   - Book Review Editor, R. P. Korf

b. THE MYCOLOGIST, Managing Editor
   - C. T. Rogerson, 1976-1980
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   The Mycological Society of America
   FOUNDED DECEMBER, 1931
   OFFICE OF THE SECRETARY-TREASURER
   Department of Botany
   University of Florida
   Gainesville, Florida 32611 USA

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         - Book Review Editor, R. P. Korf
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Elizabeth Moore-Landecker, 1976-79
A. H. Smith, 1975-78
C. T. Rogerson, Managing Editor Mycologia, ex officio
T. M. Hammill, Chair. Sustaining Membership Committee, ex officio
J. W. Kimbrough, Sec-Treas. of the Society, ex officio

Elizabeth Moore-Landecker, 1976-79
A. H. Smith, 1975-78
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J. W. Kimbrough, Sec-Treas. of the Society, ex officio

M.S.A. NEWSLETTER, Editor
Henry C. Aldrich, 1974-1978

PROGRAM CHAIRMAN:
Richard T. Hanlin, 1978-79

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   L. Olive, 1975-79
   H. Pfaff, 1976-78

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   M. S. Fuller, Past Pres.
   C. T. Rogerson, Historian

g. HISTORIAN
   C. T. Rogerson

6. AFFILIATED SOCIETIES:
   The Boston Mycological Club, Frank C. Helwig, Jr., Treas., 1099
   Massachusetts Ave., Lexington, MA 02176
   Cercle des Mycologues Amateurs de Quebec, Pavillon Contois-Cite Univ.,
   Quebec, CANADA
   Mycological Society of San Francisco, Lee W. Smith, Treas., P. O. Box
   904, San Francisco, CA 94101
   The New York Mycological Society, Attn., Emil Lang, 1700 York Ave.,
   New York, NY 10028
   The North American Mycological Association, H. S. Knighton, Pres., 4245
   Redinger Road, Portsmouth, OH 45662
   Societe Mycologique de France, 36 Rue Geoffro-Ste., Hilaire, Paris,
   Ve FRANCE
   Oregon Mycological Society, Reg. Agent, Donald Goetz, 6548 SE 30th Ave.,
   Portland, OR 97202
SYMPOSIA, MEETINGS AND FORAYS OF INTEREST

* From May 9-11, 1977 the BARC Symposium II will be held on the topic "Biosystematics in Agriculture." For more information write to: Dr. James A. Duke, Publicity Committee, BARC Symposium II, Plant Taxonomy Laboratory, Rm. 117, Bldg. 001, BARC West, USDA, Beltsville, Maryland 20705.

* R. K. Benjamin calls to our attention the VII Congress of the International Society for Human and Animal Mycology to be held in Israel, March 11-16, 1979. Contact ISHAM Organizing Committee and Secretariat, P.O. Box 16271, Tel Aviv Israel.

* The Society for Experimental Protistology will be discussing "Validity of Phylogenetic Criteria" at their meeting in Toronto June 22-24, 1977. Contact I. B. Heath.


* Libero Ajello may be contacted for information concerning the International Conference on Pathogenic Black and White Yeasts to be held in Brasilia, Brazil, June 6-8, 1977.

* The North American Mycological Association will hold its 1977 foray at Concord College, Athens, West Virginia June 21-24. The Washington DC Mycological Association will be the host club and Dr. Kent McKnight is to be the principal mycologist. For details contact the NAMA at 4245 Redinger Rd., Portsmouth, Ohio 45662.

* George L. Grimes (who did the cover on our previous issue) announces the Aspen Mushroom Conference to be held August 7-12, 1977 at Aspen, Colorado For details write: Aspen Mushroom Conference, Beth Israel Hospital, West 17th & Lowell, Denver, Colorado 80204.

* A symposium will be held by the Federation of European Microbiological Societies in Vienna March 28 - April 1, 1977. Write the Institute of Applied Microbiology, University of Agriculture, Peter Jordanstrasse 82, A-1190 Vienna, Austria.

* Martin F. Stoner can provide information concerning the 5th Annual Southern California Botanists Mycological Foray to be held in February, 1977.

NEW MYCOLOGICAL RESEARCH PROJECTS

* Frantisek Zadrazil is studying the theory of fruitbody building, the theory of solid state fermentation by basidiomycetes and the upgrading of plant waste to feed with fungi (Weissdornweg 4, 33 Braunschweig, W. Germany).

* A new study of experimental lobomycosis and rhinosporidiosis in animals has been undertaken by Libero Ajello.

* James E. Gates is conducting a study of the factors affecting the infection process in Allomyces by Catenaria allomycis.
* Larry Grand is now investigating the mycorrhizae associated with Fraser fir.

* Gaston Guzman anticipates completing his world monograph of *Psilocybe* during the coming year.

* Mycorrhizal development in composts of different plant residues is the subject of A. J. Robert Guttay's current research.

* Bob Blanchard's new projects include studying the interrelationships of organisms associated in the Beech Bark Disease Complex and the mode of action of *Trichoderma harzianum* against wood decay fungi.

* A study of wood staining fungi associated with *Dendroctonus adjunctus* beetles in Ponderosa pine in New Mexico is under way in the laboratory of Ross Davidson at Colorado State University.

* Gregory Mueller and Walter Sundberg are working on systematic and cultural studies on *Laccaria* in southern Illinois and vicinity.

* Studies of fungal parasites of *Crataegus* and studies of the rusts on *Helianthus, Iva* and *Borrichia* are being conducted by John W. Baxter in cooperation with the Milwaukee Museum.

* Jim Trappe has begun work on hypogeous fungi as a food source for small mammals.

* A study of the role of some common basidiomycete wood rotters in the nutrient cycle of tropical and temperate forests has been undertaken by Susan Libonati-Barnes. She has also been collecting and identifying macrofungi from Panama.

* Monthly isolation and identification of yeasts and yeast-like fungi from Great South Bay, Long Island is the new project of Peter Madri.

* An ultrastructural and taxonomic study of the Choanephoraceae is being done by Paul M. Kirk, now of the Commonwealth Mycological Institute, Ferry Lane, Kew, Surrey, TW9 3AF England.

* Horour Kristinsson is studying low-temperature fungi growing underneath melting snow layers.

* Single cell protein and cellulase production from various cellulosic wastes by various cellulolytic fungi is under investigation by D. S. Chahal.

* Hiroshi Iizuka is now studying the myxomycetes of Japan.

* Craig Lending (85540 Ridge, St. Louis MO 63134) is conducting a study of the genetics, biochemistry and physiology of a mutation in *Stropharia cubensis*, thought to be analogous to the mound mutation in *Schizophyllum commune*.

* David Largent is scouring the meadows of Marble Mountain Wilderness Area for fleshy fungi and studying the mycorrhizae of lodgepole pines.

* Leslie Kish and Robert Samson are preparing a book on entomogenous fungi.
* Martha Christensen has embarked on a study of the occurrence and significance of endomycorrhizae in western U.S. soils and mine spoils.

* Rolf Singer is now doing a monograph of *Hydropus* (Tricholomataceae).

* Entomophthora on insects and mites in Israel is the topic of Robert G. Kenneth's current work.

* S. K. Dutta will be studying RNA-dependent DNA synthesis in fungi with emphasis on *Neurospora crassa*.

IDENTIFICATIONS

The mycologists listed below are willing to identify the fungi indicated. Please contact them directly.

* **Phycomytes:**

  Peronosporaceae, all genera: C. Gardner Shaw.
  Choanephoraceae, Thamnidiaceae, and Piptocephalidaceae: Paul M. Kirk (see New Research for address).
  *Pythium* spp.: O. Vaartaja, Research Station, Agriculture Canada, Harrow, Ontario, Canada NOR 1G0.
  *Entomophthora*, *Sclerospora*: Robert G. Kenneth.

* **Ascomycetes:**

  *Stictis* and other Ostropales: Martha Sherwood.
  Gymnoascaceae except *Arthroderma* and *Nannizzia*: G. F. Orr.
  Ceratocystis, any fruiting culture: Ross W. Davidson.
  Hyaloscyphaceae: John H. Haines.

* **Basidiomycetes:**

  *Amanita*: David T. Jenkins.
  *Coprinus*: Fred Van De Bogart.
  *Rhodophyllaceae*: David Largent.
  Lycoperdales and Sclerodermales: Vincent Demoulin.
  *Uropyxis*, *Phragmopyxis*, *Cumminiella* and *Ravenelia*: John W. Baxter.
  *Hydropus*: Rolf Singer.

* **Myxomycetes:**

  *Perichaena* from living trees: Harold W. Keller.

* **Miscellaneous:**

  *Lepiota*, *Amanita*, *Coprinus*, Myxomycetes, desertic gasteromycetes, phalloids: Marcel Locquin.
  Medical fungi, especially ocular pathogens and *Nocardia*: John Brisner.
Micropolyspora, Thermoactinomyces, Thermomonospora, Saccharomonospora: P. V. Kurup.
Any hypogeous fungi, Endogonaceae: Jim Trappe.
Myxomycetes and Dimeriaceae (by previous arrangement only): M. L. Farr.

FUNGI WANTED (c=cultures, s=specimens)

* Myxomycetes.
  Clastoderma debaryanum (s) collected or developed in moist chamber in the last 2-4 years: C. J. Alexopoulos.
  Myxomycetes from Mexico, especially corticolous forms: Karl Leo Braun.
  Licea, Badhamia, Clastoderma, myxomycetes from living trees: Harold Keller.

* Phycomycetes
  Pythium spp. (c): Ronald Butler.
  Saprolegnicaeae from estuaries or tidal soils: David Padgett.
  Thick-walled sporangia of A11omyces arbusculus, A. javanicus, A. macrogynus, hyphae of the same infected with Catenaria allomyctis: James E. Gates.
  Members of the Choanephoraceae (c): Paul M. Kirk (see New Research for address).
  Pythium spp. (c): O. Vaartaja (see ID for address).
  Entomophthora spp. (c) and infected insect specimens: Robert G. Kenneth.
  Any and all downy mildews: C. Gardner Shaw.
  Any marine phycomycetes (c,s), especially members of the Lagenidiales: Chuck Bland.

* Ascomycetes and Imperfects
  Arthrobotrys spp. (c), willing to exchange same: M. Virat, Centre de Recherches de Tours, Laboratoire de Parasitologie, Domaine de L'Orfrasiere, B.P. 1-Nouzilly, 37380 Monnaie, France.
  Endothia parasitica (c), bark samples from healing cankers of chestnut blight with leaf and twig samples to confirm ID: Sandra Anagnostakis.
  Gymnoascaceae and relatives (c,s): G. F. Orr.
  Hyaloscyphaceae (s): John H. Haines.
  Discomycetes from Macaronesia (Azores, Madeira, Canary Is., Cape Verde Is.), will identify and return, for use in Discomycete Flora of Macaronesia (c,s): Richard P. Korf.

* Basidiomycetes
  Typhula variabilis (s): Horour Kristinsson.
  Collybia (s) with spore prints and notes on fresh condition: Roy Halling.
  Rhodocybe, Clitopilus (s) with field notes: Timothy Baroni.
  Armillaria mellea (s) from different hosts, Clitocybe (s), Dothichiza populnea from different Populus species: Pritam Singh, Forest Research Center, Canadian Forestry Service, Dept. of Environment, P.O. Box 6028, St. Johns, Newfoundland, Canada A1C 5X8.
  Termitomyces spp. and other tropical edible fungi: Frantisek Zadrazil (see New Research for address).
  Porphyrellus (c,s) identified to species with specimen voucher: C. B. Wolfe.
Serpula (Merulius) lacrimans (s), several pounds, willing to pay; fresh material should not be dried at high temperature: Glenn S. Bulmer, University of Oklahoma, Health Sciences Center, Dept. of Microbiology and Immunology, Oklahoma City OK 73190.

Lepiota, sensu lato from North America: Walter Sundberg.

Naematoloma fasciculare, Gymnopilus spectabilis, G. validipes, Clitocybe clavipes, Boletus luridus, Tricholoma pardinum, Entoloma lividum, Cortinarius orellanus, C. spectosissum, C. gentillus, with collection data and observed clinical effects, large quantities needed: G. M. Hatfield, College of Pharmacy, University of Michigan, Ann Arbor MI 48109.

Stropharia cubensis, Psilocybe baeocystis, Paneolus foenisecii (c): Craig Lending (see New Research for address).

Amanita (c,s): David T. Jenkins.

Gasteromyctes, especially Lycoperdon (s): Vincent Demoulin.

Puccinia andropogonis, P. subnitens overwintered telial material; rusts on Crotalaria; aecia on Argeone: John W. Baxter.

Hydropus (Tricholomataceae) (c,s): Rolf Singer.

**FUNGI FOR DISTRIBUTION**

The following fungi are available from the persons listed below.

Gymnoascaceae (c), by previous arrangement: G. F. Orr.
Thermophilic Actinomycetes (c): P. V. Kurup.
Dermatophytes (c): Cornelia Saceano.
Pleurotus spp., Flamulina velutipes, Stropharia rugosoannulata, Agrocybe aegerita etc.: Frantisek Zadrazil (see New Research for address).

Selected members of the Mucorales: Paul M. Kirk (see New Research for address).

Ceratocystis, several species (c): Ross Davidson.
Stropharia cubensis (c): Craig Lending (see New Research for address).

Various pathogenic yeasts and fungi: Peter Madri.
Achlya (c): William Timberlake.
Gasteromyctes (c,s): Vincent Demoulin.

**PERSONALIA**

**New Arrivals**

* Mr. and Mrs. Jay N. Holliday announce the birth of their son, Daniel Robert, on June 16, 1975.

* Julie Mims joined the other Mims children (David and Shelly) on Nov. 10, 1976, announces the proud papa Charles W. Mims.

**Nuptials**

* Robert A. Fromtling married Anne Kovacs on Dec. 28, 1976 in Cleveland. The Fromtlings are both Colin Munro MacLeod Fellows at the University of Oklahoma where they are working on their doctorates.
Deaths

* Scott Covert, emeritus member of the society, died June 10, 1976.

* Mary Elizabeth Elliot and her mother died from injuries sustained under tragic circumstances at their home on Sept. 10, 1976. An obituary will appear in Mycologia.


* W. F. Whittingham reports that Paul J. Allen, Professor of Botany at the University of Wisconsin (Madison) died unexpectedly on Nov. 13, 1976.

Retirements

* John B. Routien is retiring from Pfizer Research in January, 1977.

* C. J. Alexopoulos will retire from teaching at the University of Texas on May 31, 1977. However, he will continue working on Myxomycetes at Austin, as usual, after that date.

New Affiliations

* Walter Litten is a visiting faculty member at the College of the Atlantic in Bar Harbor, Maine.

* John Clausz has joined the Biology Faculty at the State University College at Geneseo, New York.

* Laird M. Hartman has been appointed Assistant Professor of Biology at the University of South Dakota at Springfield.

* The new Chairman of Botany at Howard University is Lafayette Frederick.

* The Botany Department at Howard University has appointed Norma Williams Assistant Professor to serve as their fungal geneticist.

* In January, Paul M. Kirk will join the Commonwealth Mycological Institute at Kew as Mycologist.

* Lawrence G. Brown is now working at the South Carolina Plant Pest Regulatory Service at Clemson University.

Kudos

* Walter Sundberg has been elected Chairman of the Botany Section of the Illinois State Academy of Science.

* The Noble Fellowship from The Smithsonian Tropical Research Institute has been awarded to Susan Libonati-Barnes.

* Robert Blanchard has been appointed to the Mycology Committee of the American Phytopathological Society.
* The new President of the Ohio Academy of Science is C. Wayne Ellett.
* Paul A. Lemke has received the Humboldt Award to study in Germany during 1977 and 1978. He will be collaborating with Karl Esser at Bochum on cytoplasmic inheritance in *Podospora anserina* and *Agaricus bisporus*.
* Henry C. Aldrich has been promoted to Professor at the University of Florida.
* The new President of the Medical Mycology Society of New York is Ira F. Salkin.
* VPI and Southern University have awarded a Ph.D. to Mauritz Anderson.
* Dorothy I. Fennell was one of six women to receive the Federal Woman's Award. These awards are given for professional achievements which have shaped major government programs as well as personal qualities of dedication, judgement, integrity and leadership.
* Thomas G. Pridham is the recipient of a Humboldt Award for study in Germany. He will spend a year at the Institut fur Mikrobiologie at Darmstadt.
* J. H. Craigie was honored by the Biosystematic Research Institute in Ottawa on the occasion of his 90th birthday.
* The University of Idaho has promoted E. R. Canfield to Associate Professor.
* Michael G. Rinaldi has been elected an honorary member of the Sacramento Valley Dermatologic Society.
* Solomon Goldstein is now the acting dean of the School of Science at Brooklyn College.
* Libero Ajello will serve as a consultant to the National Health Laboratory, Rangoon, Burma.
* A scholarship fund has been established at the University of Wyoming in honor of W. G. Solheim for his nearly 50 years of teaching and research.
* Martha A. Sherwood has been named as the first Anna E. Jenkins Postdoctoral Fellow in the Plant Pathology Herbarium at Cornell.

**Travels, Papers Presented**

* R. P. Korf and Linda Kohn of Cornell's Plant Pathology Herbarium will be taking a month-long trip to Madeira and three of the Canary Islands to collect Discomycetes in December and January. They will be joined by Robert Fogel and G. L. Hennebert.
* A busy John Baxter visited the Southwestern Research Station at Portal, Arizona in April. He and his family spent August in Wyoming collecting *Boletus edulis* and visiting Dr. and Mrs. W. G. Solheim. In September he conducted a mushroom workshop in Milwaukee and in November presented a seminar at Johnson's Wax Biology Research Center.
* John Clausz presented a paper to the Rochester Academy of Sciences on "Factors affecting mycelial lipid production in Achlya."

* Leslie Kish presented three papers to the Society of Invertebrate Pathology at their meeting in August. He was also visited by Dr. Robert Samson of CBS at Baarn from June to August.

* Ivor Isaac visited Stanley Hughes at the Biosystematics Research Institute in Ottawa.

* C. W. Hesseltine presented the Ciba-Geigy Lectures in Microbial Biochemistry at Rutgers University.

* Ira Salkin and Morris Gordon conducted a workshop on zoopathogenic yeasts to the Eastern New York Branch of ASM in November and will conduct a workshop in medical mycology for the Empire State Association for Medical Technology in April.

* Susan Libonati-Barnes was sponsored by the Smithsonian to spend the past summer in Panama collecting wood-rotting fungi.

* C. G. Shaw III spent three months in India as a United Nations consultant. He also presented an invited address to the Conference on Downy Mildews of Corn held in Bangkok. He is now home on leave from the Forest Research Institute of Rotura, New Zealand and has presented seminars at Oregon State and Washington State Universities.

* The second annual Alexander H. Smith Lake State Foray was hosted by Walter Sundberg near Vienna IL and was attended by 38 mycologists including Drs. A. H. Smith and H. V. Smith.


* Rolf Singer was guest professor at Universitat Wien, Austria March - June 1976, and presented lectures at Klagenfurt, Innsbruck and Vienna. He was also extended special invitations by the University of Innsbruck and the Czechoslovak Academy of Sciences in honor of his 70th birthday. HAPPY BIRTHDAY.

* D. S. Chahal presented a paper at the Chicago Symposium on Bioconversion of Polysaccharides.

* Gaston Guzman, S. Pollack and D. T. Leslie collected Psilocybe in Oregon, Washington and Vancouver during November.

* Fred Sparrow and Abraham Held presented seminars at the University of Texas.

* Garry Cole has been invited to present a paper at the 4th International Conference on Mycoses in Brazil.

* Fred Van De Bogart attended forays at McCall ID, Mt. Hood OR and Friday Harbor WA.

* Fred Sparrow will be doing research at the University of Florida during winter quarter 1977.
* Dorothy Fennell gave an invited talk to the British Mycological Society Conference on the Biology of Aspergillus held at the University of Birmingham, U.K. She also visited the Commonwealth Mycological Institute and CBS at Baarn.

* A workshop on the collection and culture of fungi was held at ARS(NRRL) in Peoria under the guidance of T. G. Pridham, J. J. Ellis, C. P. Kurtzman, D. I. Fennell and L. K. Nakamura.

* Kerry O'Donnell presented a paper at the Cold Spring Harbor conference on Phycomycetes.

* James Lampky presented a seminar on the forms and color of Michigan Fungi.

* In late August Susan Rabatin visited the lab of J. W. Gerdemann at Urbana, learning new techniques for the study of vesicular-arbuscular mycorrhizae.

**PUBLICATIONS NEEDED**

* Harold Keller is in search of taxonomic reprints on Myxomycetes prior to 1950 and bound Mycologia vols. 34-42.

* Susan Libonati-Barnes is seeking a copy of Stearn's "Botanical Latin."

* John Baxter needs "Relation of Fungi to Human Affairs" by W. D. Gray and "Genera of Rust Fungi" by G. B. Cummins.

* E. R. Canfield would like to obtain "Pathology in Forest Practice" (1952) by D. V. Baxter and "An Outline of Forest Pathology" (1931) by E. E. Hubert.


* Peter Madri would appreciate receiving any recent papers dealing with yeasts and yeast-like fungi from marine and estuarine sources.

* Craig Lending needs publications on any aspect of Stropharia cubensis and its mutations (see New Research for address).

* Cornelia Mihailescu-Saceanu seeks papers dealing with taxonomy and nomenclature of medically important fungi.

* David Jenkins wants papers dealing with culture techniques or keys of agarics.

* Ronald Butler needs E. J. Butler's "An Account of the Genus Pythium and Some Chytridiaceae" (1907) and papers dealing with the taxonomy of Pythium.

* Carl B. Wolfe would like papers on taxonomic and cultural studies of boletes.

* H. C. Hoch seeks papers on all aspects of mycoparasitism and biological control of plant pathogenic fungi.

* Ronald Meyer would like to have "The Lichen Book" by G. G. Nearing.

* Paul Vergeer requests any material on the life and mycology of Jacob Christian Schaeffer (1718-1790), especially relating to the Fungorum.

* John G. Palmer would like to obtain Review of Plant Pathology (RAM) 1969--Vol. 48, Nos. 4, 11, 12; 1970--Vol. 49, Nos. 1, 2, 8, 9.


PUBLICATIONS FOR SALE, EXCHANGE OR GIVEAWAY

* Robert Machol wants to trade his Grove's translation of Tulasne still in wrappers as issued (plus cash) for a bound copy of same. Levrone Hall, Northwestern University, Evanston IL 60201.

* Vincent Demoulin has available Z. Pilzk. 9 (N.F.) fasc. 8-12, 1930.

* Fred Sparrow offers to the highest bidder (you pay shipping) the following:
  --Mycologia vols. 22-67, except vol. 25 #4, 30 #3, 33 #3, 34 #4, 40 #3, 45 #5.
  --New Phytologist, vols. 11-16 (1912-17) bound (rare).

* S. J. Hughes has for sale Mycologia vol. 1-62 and Index; Trans. Brit. Myc. Soc., vols. 27-54 from the library of the late J. W. Groves.


* John Haines has for sale sets of C. H. Peck's "Report of the State Botanist" up to 90% complete, ca. 2000 pp. (mostly mycology) fair to poor condition, mostly bound with other reports. About $100 depending on condition. You pay postage.

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

* Marcel Locquin will provide a list of available publications.

* Marvin Whitehead offers for sale: Mycologia, vols. 40-67, extra of 41 and 42; Mycologia Index 1-58; Phytophathology, vols. 35-65; Plant Disease Reporter, vols. 32-61. Make offer. University Plaza, Georgia State University, Atlanta GA 30303.
J. L. Maas has the following for sale:

--Can. J. Microbiol.: Vol. 13(1-12), 1967 ($5.00); Vol. 14(1-12), 1968 ($5.00); Vol. 15(2-7), 1969 (50¢ ea.).

--Mycologia: Vols. 60 (1968), 63 (1971), $5.00 per Vol.; Vol. 58 (1966), No. 1; Vol. 55 (1963), No. 1, 5, 6; Vol. 64 (1972), No. 1, 2; $1.00 per No.

--Phytopathology: Vol. 54 (1964), No. 3-12, $1.00 per No. or $5.00 for all.


* Donald Pfister says that the Farlow Herbarium has a series of publications available for sale, exchange and giveaway. Write for list.

* E. Smerlis has for sale the following:


--Gaillard, A. 1892. Le genre Meliola w. Suppl. $5.00.


--Sydowia, Vol. 20, 1968. $25.00.

* A copy of the AIBS symposium "Public Responsibility Issues for Biology: What's New and What's Needed" may be obtained for the asking from Dr. Robert Krauss, Dean, College of Science, Oregon State University, Corvallis OR 97331.

COURSES IN MYCOLOGY

* Robert Shaffer will be offering a field-oriented course in mycology and work in systematics of higher fungi during summer 1977 at the University of Michigan Biological Station at Lake Douglas. Contact: Director, UMBS, 4053 Natural Sciences Bldg., University of Michigan, Ann Arbor MI 48109.

* David Porter and Howard Whisler will be teaching Marine Mycology (Bot. 565) from July 25 to Aug. 27, 1977 (2nd term) at Friday Harbor Laboratories, University of Washington, Friday Harbor WA 98250.

* Martin F. Stoner will be teaching Ecology of Fungi during Spring quarter at Cal. Poly., Pomona.
* Robert Gessner will be teaching Marine Mycology (Bot. 215) at Morehead City NC, from June 13 to July 15, 1977. Inquiries should be made to: Chairman Summer Session Program, Institute of Marine Sciences, University of North Carolina, Morehead City NC 28557. Phone: (919) 726-6841.

* George L. Grimes will be teaching a six-week course in mushroom identification at the Denver Botanic Gardens beginning Feb. 9, 1977. It is being co-sponsored by the Colorado Mycological Society.

* Orson Miller will be teaching mycology and Mason Hall will offer lichenology at the University of Montana Biological Station from June 13 to Aug. 19, 1977. Contact Shirley Munson, Biological Station, University of Montana, Missoula MT 59801.


* Walter Litten is offering a course on mushroom identification July 5-29, 1977, which will include the NAMA foray to West Virginia. Write: College of the Atlantic, Bar Harbor ME 04609.

* "Ecology of Marine Fungi" will be taught by Garry Cole June 1 to July 15, 1977, at Port Arkansas Marine Station TX.

* An evening course in introductory mycology will be taught by John Haines and Ira Salkin at Russel Sage College in Troy NY, Feb. 7 to May 13, 1977.

* John Baxter will offer a night course during Summer 1977 on Edible and Poisonous mushrooms, Edible and Poisonous Weeds, House Plants and Greenhouse Plants.

PLACEMENT

Assistantships, Fellowships and Post-docs

* Southern Illinois University has teaching assistantships in botany and general biology. Also a research assistantship (masters only) to study soil microfungi in strip mine reclamation. Contact Walter Sundberg.

* David Largent has possible support for two students at the masters level at Humboldt State University.

* Teaching assistantships are available at Wayne State University for students interested in molecular aspects of development. Contact William Timberlake.

* Assistantships are available at the University of Connecticut for research on mycorrhizae for Fall '77. Contact A. J. R. Guttay.

* Teaching and research assistantships are open at the University of Vermont for work on genetics and physiology of Basidiomycetes. Contact R. C. Ullrich.

* Illinois State University has teaching assistantships for M.S. and Ph.D. candidates. Contact A. E. Liberta.
* Paul A. Lemke at Carnegie-Mellon University has a postdoctoral position for someone with skills in ultracentrifugation and electron microscopy to do work on genetics, cytology and virology of Agaricus bisporus.

* Martha Christensen anticipates having research assistantships for work in mycology/ecology/soil microbiology at the University of Wyoming.

* Harold Keller advises students to apply for teaching assistantships at Wright State University by April 15.

* W. Shropshire, Jr. seeks applicants for postdoctoral positions at the Smithsonian to work on the photobiology of Phycomyces, any aspect of behavioral physiology or growth and development.

Positions Wanted


* Frantisek Zadrazil seeks employment after Jan. 1, 1977. Interests include domestication of edible fungi, technical mycology (Basidiomycetes), feed and food production, development of fruiting bodies (see New Research for address).


* John W. Brandsberg who earned his Ph.D. in 1966 with Jack Rogers at Washington State University seeks a position in pure or applied research, teaching mycology, microbiology and plant sciences. His interests include medical mycology, soil microbiology and ecology of soil fungi, especially imperfects, yeasts and lower ascomycetes.

* Mark R. Sneller seeks a teaching and research position in microbiology. He received his M.S. at Cal. State, Long Beach, with Frank Swatek, and his Ph.D. at the University of Oklahoma under William Sorenson and Howard Larsh. His work involved mycotoxins and chemotherapy of mycoses. He is now doing postdoctoral work with Glenn Bulmer on pathogenesis of mycoses. University of Oklahoma, Health Sciences Center, Oklahoma City OK 73104.

* Carlene A. Raper will receive her Ph.D. in March 1977 on sexual and biological relationships in Agaricus. She will be doing postdoctoral work with J. G. H. Wessels on detection of molecular agents for sexual development in Schizophyllum commune and will return to Harvard for academic year 1977-78 as a research associate.

* Kerry L. O'Donnell seeks a teaching/research position. He received his Ph.D. in 1975 at Michigan State University under E. S. Beneke. He is presently postdoctoral research associate at NRRL, USDA with J. J. Ellis and C. W. Hesseltine. Research interest: fungal morphogenesis.
* Howard Schoen seeks a position in the pharmaceutical industry. He received his Ph.D. in 1975 under the direction of Drs. Lindenmayer and Berech. His research interests are in physiology and development. Department of Ophthalmology, Mt. Sinai School of Medicine, New York NY 10029.

* C. G. Shaw III seeks a position for September 1977. He received his Ph.D. in 1974 under L. F. Roth at Oregon State University and is currently Research Forest Pathologist at the Forest Research Institute, Rotorua, New Zealand. Research interests in Armillaria and other root rots of the Pacific Northwest and New Zealand.

MISCELLANEOUS

* A newsletter for current research on Phycomyces blakesleeanus will be started soon. Contributions and requests for subscriptions should be addressed to: Prof. Enrique Cerda-Olmedo, Departamento de Genetica, Facultad de Ciencias, Universidad de Sevilla, Sevilla, Spain.

* The Ohio Mushroom Society invites interested persons to join the society and participate in the Fall and Spring forays. For details write Dick Grimm, 731 Blaine Ave., Marion OH 43302.

* Karl Braun and Harold Keller wish to correspond with persons who are doing field work in Mexico and are willing to collect bark samples from living trees.


* The Latin American Mycological Association was formed at Lima, Peru, in June, 1976. G. Guzman is the coordinator and invites all mycologists interested in Latin American fungi to join.

* Marie Farr reminds us that Mycologia Memoirs is an ideal outlet for manuscripts too long for other journals. Cramer, of Germany, is now the publisher; and distribution should be speeded up with the establishment of Cramer & Lubrecht, in this country. All manuscripts should be sent to Dr. Farr in triplicate.

* Larry Grand tells us that the Plant Disease Index of North Carolina will be published in January, 1977.

* McIlvainea, the official organ of the North American Mycological Association, extends a call for papers to all persons who may wish to contribute to this journal devoted to American amateur mycology. Now in its third volume, McIlvainea will consider technical and non-technical articles dealing with all groups of the fungi. Contributors should consult recent issues for content, style, and format. Instructions to authors can be found in each issue. Recent changes in editorial policy bring the literature citations and format in line with that of Mycologia. Manuscripts should be sent to Richard R. Doyle, Department of Chemistry, Denison University, Granville OH 43023. All manuscripts will be reviewed by the Editorial Committee of McIlvainea. Original technical papers will also be reviewed by at least two other members of the Editorial Review Board. Additional information can be obtained through correspondence with the editor-in-chief.
From Scott Redhead we received this note: "I would like to take this opportunity to thank the Mycological Society of America for its generosity each year by awarding the Graduate Fellowship (now 2). I considered it a great honor to receive one of the prizes this year, a high point in my career to look back on. I have used some of the money to purchase a few books I could not have afforded otherwise."

We regularly receive "Mycena News," the official organ of the Mycological Society of San Francisco. From their newsletter they seem to have a varied program of forays, lectures and social activities, which are of interest to both amateur and professional mycologists. We urge all interested persons in the bay area to consider joining. Dues are only $7 and $5 for students. Contact the society at P.O. Box 904, San Francisco CA 94101.

An extra reminder from Edward Cantino that "Experimental Mycology" (Academic Press) will soon begin publication. Information and guidelines for contributors can be obtained through him.

The proceedings of the symposium "Sources, Effects and Sinks of Hydrocarbons in the Aquatic Environment" is available from AIBS for $5. Write: Patricia Russell, AIBS, 1401 Wilson Blvd., Arlington VA 22209.

The California Mushroom and Compost Science Society was recently organized to promote research in these areas. All interested persons in Northern California are urged to join. Contact: Ralph Kurtzman, Western Regional Research Laboratory, ARS, USDA, Berkeley CA 94710.

Wm. Bridge Cooke, the author of a section on fungi in the book "Standard Methods for the Examination of Water and Wastewater," solicits comments, suggestions etc. on the coverage of fungi in this volume with an eye to the preparation of the 16th edition in the next two years or so.

AIBS urges all of us to share our viewpoints and concerns on public policy developments of interest to the life sciences with the AIBS public affairs contact in their state. He can be a valuable source for information on legislative developments and what other science groups in the state are doing in that regard. A list of these contacts can be found in the June, 1976 issue of "Bioscience" (p. 372).

Here is a nomenclatural note from Vincent Demoulin:

The name "Pisolithus tinctorius (Pers.) Coker et Couch" is often met in the Newsletter and Mycologia, it so seems most American mycologists are unaware this is an illegitimate combination being homonymous to Pisolithus tinctorius (Mont.) E. Fischer. That Polysaccum tinctorium Mont. might be a taxonomic synonym of Scleroderma tinctorium Pers. is of course nomenclaturally irrelevant. Those facts were pointed out by S. Rauschert (Beitrag zur Nomenklatur mitteleuropaischer Gasteromyceten, Z. Pilzk. 25(2):50-55, 1959) who introduced the combination Pisolithus arhizus (Pers.) Rauschert, which is the correct name of the fungus and for which the complete author citation is P. a. (Scop. trans Pers.) Rauschert. From L. F. Grand paper in Mycologia LXVIII(3): 672-678, it seems to appear that P. arhizus is the only species in the U.S.; one should however watch for a different species with pale spores ornamented with straight spines which is often associated with Eucalyptus in Africa (Demoulin and Dring, Bull. Jard. Bot. nat. Belg., 45(3/4):339-372, 1975). People interested in this fungus should also consult Bronchart, Calonge and Demoulin, Bull. Soc. Mycol. France 91(2):231-246, 1975 for an account of spore ultrastructure.
G. S. Bulmer has compiled an educational package consisting of 8 lectures and 310 35mm slides on medical mycology. The cost is $125 for the complete package or $7.50 for the book of lectures alone. They are available through the Media and Educational Materials Dept., University of Oklahoma Health Sciences Center, P.O. Box 26901, Oklahoma City OK 73190.

*** Herewith is Luella K. Weresub's reply to the comments on her nomenclatural reports which were offered by Vincent Demoulin in the last issue of the Newsletter:

I was very pleased to read comments by Dr. V. Demoulin (Newsletter 27(1): 23-24, June, 1976) on my nomenclatural report in the previous newsletter. This may be the best way for our members to learn about current nomenclatural controversies.

I also received a comment from Dr. E. G. Voss, Vice-rapporteur of the Bureau of Nomenclature of the International Botanical Congress. He, like Dr. Demoulin, disagreed with some of my statements. Since you are entitled to hear all points of view, I got Dr. Voss's permission to publish his letter in this newsletter, his stipulation being that it be presented in its entirety. Following is Dr. Voss's letter:

Dear Dr. Weresub:

By now you will have seen the report of actions taken, in Taxon. You now know that Art. 59, Proposals A, B, and C were not withdrawn—which would have meant no further consideration as such—but were referred back to the Special Committee for Fungi and Lichens for additional study.

In this connection I am very surprised at your statement under Art. 72, Prop. A, in which you assert that "all the other proposals that pertained only to mycologists" should have been referred to the Special Committee. If the Nomenclature Section of the Congress had referred all such proposals to the Special Committee, no action would have been taken at all with respect to amending the Code. Such proposals were indeed referred to the Special Committee before the Congress (see Synopsis), but the function of the Nomenclature Section is then to act, if possible, on proposals, not to send them around in a circle to the Committee again unless, as in the case of Art. 59, still more study seemed to be needed. I do not see why you believe that the Congress should never act on a proposal that pertains only to mycology, but this is the sense of your remark.

I might offer a few other comments on your interpretation of the proposals:

Rec. (not Art.) 16A differs from Arts. 18 & 19 in that the prescribed Latin endings are not mandatory above the rank of family. Therefore, a name above the rank of family with a different ending is not "incorrect" and therefore it is not to be corrected. At the rank of family and below, you are right that names with vernacular terminations are not to be corrected—but they are not validly published, not illegitimate as you state (see Arg. 32, first sentence). I think your suggestion that an example be cited is a good one, and I have proposed Tricholomées in the second draft of the new Code.
The Uredo scillarum example used by Laundon in Art. 63, Prop. A, will not be used, as we once thought, to illustrate Art. 33, Note 2, for Laundon has subsequently discovered that the supposed basionym, Puccinia scillarum, is a nomen nudum.

General Prop. E does indeed include deletion of reference to living types for Bacteria, but only because the essence of the proposal is to make clear that the ICBN does not govern the names of organisms treated as Bacteria--in any way.

In connection with General Prop. F, I am sure that there are indeed mycologists who bristle at the thought that their fungi are plants. But this is what the Code already says, and I assume that such mycologists have been bristling for years at the Preamble, which refers to the names "which are applied to the individual taxonomic groups of plants", and at the Principles, the first of which declares that the "Code applies equally to names of taxonomic groups treated as plants". I don't know why it should suddenly be tactless to refer to plants in Art. 65. The point of the changes to Art. 65 was not, of course, the wording to which you take exception, but the idea that the Code ought to stop referring to "the" Plant Kingdom, which expresses a taxonomic judgment that all plants belong to a single kingdom. What readers of your report will not see, unless they refer back to the Synopsis—which you do cite—is that the essential changes in these general proposals, which were overwhelmingly accepted, are to remove Bacteria completely from the coverage of our Code (whether or not the Bacteria are called "Plants") and to avoid implications that only one kingdom includes all organisms whose names are governed by the Code. The point of General Prop. F is merely to eliminate the present assertion or implication in the Code that all organisms whose nomenclature it governs must be placed in a single kingdom. I think mycologists ought to welcome that! The wording of Art. 65 is undergoing considerable change to accomplish this point, as the Editorial Committee wrestles with it.

I should now like to reply to Dr. Demoulin's comments regarding Art. 10:

Although Demoulin thinks that "one cannot be more explicit" than to say that "the nomenclatural type of a genus is a species", and objects to my calling the definition in the glossary (Regn. Veg. 56) "controversial", the matter has engendered enough controversy for the members of two committees to be busy circulating long and involved analyses and commentaries on it. In addition to the Special Committee referred to by Demoulin, there is the previously established Subcommittee F of the I.M.A.'s Nomenclatural Secretariat, with G. F. Laundon as its Secretary. Dr. Laundon is also a member of the Special Committee.

Therefore, I shall deal with only two items in Demoulin's statement: (i) his reference to the case of Cristella (Taxon 16: 396-402. 1967). The point of that paper was that, even if Demoulin's (and Donk's) interpretation of Art. 10 was accepted, a thorough analysis of the case could not lead to the typification promoted by Donk. And the lessons to be learned from that case are: (a) few people appreciate how much work is involved in trying to follow that interpretation, and (b) nomenclature should not be burdened with a rule that invites continuing dissent on the type of a name.
(ii) his pointing to the requirement for a description or diagnosis of a genus to validate the generic name: As long as there are still some names around that have to be lectotypified, a description is essential as guidance. But since 1958, designation of the nomenclatural type is required. What's the point of indicating a species as holotype if anyone can dispute the author's designation?

Finally, I'd like to remind you all that the M.S.A. Committee on Nomenclature is at the service of the members of the M.S.A. You are invited to consult any member of the committee on any problem in nomenclature, as long as you do as thorough a job as possible of researching the names involved: send all information, preferably with verbatim quotations from the literature. If your problem is a complex one, the committee member you consult may solicit opinions from the rest of us, so that the decision can be based on the most defensible argument.

You are also invited to send us your comments on the nomenclatural proposals that are under discussion by the I.A.P.T. Committee for Fungi & Lichens and the various subcommittees of the I.M.A. Nomenclatural Secretariat, or on any other nomenclatural proposals that concern you. We'd particularly appreciate getting examples from you of names that may be affected by acceptance or rejection of any of the proposals. I refer you to the review of some of the proposals given in the M.S.A. Newsletter 26(2): 34-39. Dec., 1975. Incidentally, in that report, please note a typographic error on p. 35 in re: Art. 13, Prop. B: Holm's proposal was that 1822 (NOT 1882) be the starting point. (The report was otherwise commendably free of significant typing errors).

At the I.M.A. meetings in Tampa in 1977, there will be Nomenclatural sessions for discussion of basic problems in nomenclature. All members are invited to involve themselves. If you prefer to do so through the M.S.A. Nomenclatural Committee, or want help in preparing a proposal of your own, please get in touch with any of the members of this committee.

Yours truly,

Luella K. Wereesub
Chairman, M.S.A. Nomenclatural Committee

** Special late bulletin added just before press time:

Royall T. Moore writes that he has a British Fellowship available for an American or Commonwealth student with a recent Ph.D. degree. Contact him for details.
How to Move LIVE PESTS, PATHOGENS, and DISEASE VECTORS of PLANTS

Researchers and others often have a scientific need to import living pest organisms or ship them about in the United States. Mishandling could result in a serious insect or disease outbreak, costing millions of dollars and resulting in the destruction of vital agricultural and plant resources.

Two Federal statutes—the Plant Quarantine Act of 1912 and the Federal Plant Pest Act of 1957—prohibit the importation and movement of plant pests, pathogens, vectors, and articles that might harbor these organisms unless authorized by the U.S. Department of Agriculture’s Animal and Plant Health Inspection Service.

"Authorization" comes in the form of a permit to import living pest organisms or ship them in this country. APHIS carefully weighs "risk" against "expected benefits" before a decision is made on the issuance of each permit.

How to Apply for a Permit

Persons intending to obtain living plant pests, pathogens, or disease vectors should apply for a permit at least 30 days before the expected shipment date. The application should be filed by the intended receiver since he will be responsible for complying with Federal regulations, including any requirements for special safeguards.

The necessary form may be obtained from: Director, Programs Development and Application, Plant Protection and Quarantine Programs, Animal and Plant Health Inspection Service, U.S. Department of Agriculture, Federal Building, Hyattsville, Md. 20782. Plant Protection and Quarantine field offices can supply the information.

Application for a permit must first be sent for review to the appropriate State official of the State of destination. He will forward the application to PPQ-APHIS with his comments. State comments are considered before a permit is issued.

Types of Organisms Requiring Permits

1. Foreign plant pests known to be injurious to crops grown in the United States.
2. Domestic plant pests regulated by Federal and State quarantines.
3. Nonregulated domestic plant pests if shipment is into an area in the United States where the pests do not occur.
4. Pests of noxious plants.

Organisms Not Requiring Permits

1. Pure colonies of plant pest predators and parasites and pure cultures of plant pest pathogens.
2. Nonpest organisms.
Evaluation of Application

Each request for a permit is evaluated individually. The decision on whether to grant or deny a permit is made only after consultation with Federal, State, or private specialists. Factors considered include:

- Is the organism known to be a significant plant pest? a minor plant pest? a predator?
- Is the pest known to occur in the United States? If not, could research be conducted with a substitute organism or in the area where the pest now occurs?
- Is the pest of limited distribution in this country? or widespread?
- Is the confinement facility secure and is access limited to minimal personnel?
- Is pest colonization a necessary part of the research program?
- Is the research specimen of the same race or strain as already in the test area?
- Are field trials included in the test protocol?
- Would it be possible to indicate an outbreak of the pest or disease in case of accidental escape?

Conditions Specified in the Permit

The applicant must comply with the conditions specified in the permit. Safeguards listed in the permit specify method of packaging and how material is to be shipped, handled, treated, confined, used, and inactivated or destroyed. Instructions will vary depending upon pest species, origin, and destination of shipment. Inspection and approval of the premises may be stipulated in the permit.

Any deviation from the requirements in the permit must have prior approval from the issuing office. Any laboratory accident or irregularity resulting in escape, release, or theft of the pest must be immediately reported to PPQ-APHIS and the appropriate State regulatory official.

Permits are also required to import or to move interstate or intrastate ANIMAL pests, pathogens, and vectors. For application forms, contact—

Director, Programs Development and Application
Veterinary Services, APHIS, USDA
Federal Building
Hyattsville, Md. 20782

or

The appropriate State regulatory authorities.

For information concerning regulations governing shipment of pathogens, and vectors of diseases of MAN, contact—

Deputy Director, Foreign Quarantine Program,
Center for Disease Control,
Public Health Service
Department of Health, Education, and Welfare
Atlanta, Ga. 30333

or

Public Health Service Quarantine Stations at
United States ports of entry.
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 ________________________________

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