About This Issue

This issue continues with the business of the society—minutes of the meetings, reports of officers and editors, and the text of the awards presented at the MSA Annual Meeting.

The electronic *Inoculum* questionnaire was distributed to all members with e-mail addresses in the membership directory in early September. Again quite a few questionnaire messages “bounced.” If your e-mail address is in the MSA directory and you didn’t receive the questionnaire, please check the printed directory or the on-line version (follow the link from the MSA Home Page, <http://www.erin.utoronto.ca/soc/msa/>). Send corrections to Allen Press or correct online (see page 6).

As noted in the Editor-in-Chief’s report (page 12), the 1997 publication schedule for *Mycologia* will shift to the first day of every even-numbered month. Accordingly, *Inoculum*’s deadline will be earlier. In addition, the deadline for the next issue, *Inoculum* 47(6), will be two weeks early because the Editor will be on vacation the last part of November. So, plan ahead! Deadline for the next issue of *Inoculum* is November 1 and the deadline for *Inoculum* 48(1) will be December 30, 1996.

Ellen Farr <farr.ellen@nmnh.si.edu>

To all MSA Members:

Robert L. Gilbertson and I have been trying to update the genealogy of North American mycologists we have been working on for fifteen years. We need updates of all students so that the genealogy will be complete as possible before printing it for sale to benefit the MSA Endowment Fund. We would like to add all Ph.D. students and those terminal M.S. students who are working in mycology. If the student had a co-advisor we would like that information for a footnote. It is easiest if you can e-mail them, but any way we can get them is fine if it is easier for you. The important thing is not to leave anyone off.

Unfortunately, people who were added to the “additions sheet” at the Indianapolis meeting need to be added again because that sheet disappeared and we do not have those names. However, we do have the corrections and additions that were added to the genealogy sheets themselves. Thanks in advance for the help.

Meredith Blackwell, Department of Plant Biology, Louisiana State University, Baton Rouge, Louisiana 70803 (USA) <btblac@unix1.sncc.lsu.edu>
Mycological Society of America
Prizes and Awards for 1995

Distinguished Mycologist Awards
The Distinguished Mycologist Award is given annually to an individual whose career has been outstanding on the basis of published research and service to MSA. This year the committee selected two individuals to receive this honor.

Brent Heath. Our first Distinguished Mycologist award to be given today is to Brent Heath of York University in Canada. In the nomination letters he is referred to repeatedly as the leading figure in fungal cell biology—providing stimulating ideas and directions in cell biology. One of his recommenders wrote “Because of his contributions, we understand better the occurrence of important cellular events and the function of various constituents like microtubules, actin, ions and ion channels, nuclear division, and vesicles migrations.” That is a lot to be responsible for. But his research has flowed in many directions—from fungal tips to rumen fungi to phylogenies to mitosis. Another recurring comment about Brent is that he is a standard setter—standards in performance certainly (100 published articles in rigorously reviewed journals) but also standards in protocols and descriptions of, for example, mitotic ultrastructural characters.

Through his research and his participation in the broader international community, he has become a voice advocating the importance of fungal biology among non-mycologists. The successful program of the IMC 5 rests squarely with him. A strong advocate for studying fungi, he has been a mentor to numerous students.

Words that have been used to describe him: innovative, creative, equestrian, courageous, dedicated, pioneering and now we can all celebrate in adding distinguished.

John Rippon. “Quality, style and enthusiasm” describe John Rippon’s approach to mycology. His studies have included virtually every recognized groups of pathogenic fungi and have encompassed descriptions of new, emerging pathogens, as well as procedures for the isolation of fungi from clinical specimens and the development of new approaches for the identification of fungal pathogens.

Specializing in the morphology and taxonomy of dermatophytes, he has also studied their epidemiology.

All nominators praise his textbook, Medical Mycology: The pathogenic Fungi and the Pathogenic Actinomycetes. It is characterized as amazing, a hallmark publication, a tour de force, widely acclaimed, and seminal. What is perhaps most notable is that the book has one author. In these days of join, multi-authored papers and books this stands as a tribute to its author. It is a classic in its author’s time. The broad and historic context in which he writes about fungal diseases is wonderfully disarming for those of us who avoid looking at the pictures.

We are proud to have him join the ranks of those mycologists who have been elected to the elite ranks of Distinguished Mycologists.

The Constantine J. Alexopoulos Prize:
The Alexopoulos Prize is awarded annually to a young mycologist who has received the Ph.D. within the last ten years in recognition of research quality and originality. It is given in memory of the late C. J. Alexopoulos.

James White. This year’s Alexopoulos prize is given to James White, Assistant Professor at Rutgers University’s Cook College. This prize is given to individuals who have received their Ph. D. within the last ten years. One might expect that in a short period of time there would be publications in one or, at most, two distinct mycological areas. Such is not the case with James White. He has published research papers on nematode trapping fungi and fossil fungi and has collaborated on describing new species in what one nominator calls “the nasty coelomycete genus Phoma.” Most agree that his major contributions focus on endophytes. The areas of note are his work on the grass endophytes in the genus Epichloë where he has studied their ecology, reproduction, dispersal mechanisms, infection of seed, and ontogeny. He has moved on to studying these topics at the molecular level where he is exploring the populational dynamics of the so called asexual Epichloë species. It is said that he finds ways to answer questions even when it means learning new techniques. One nominator comments that so far as ascomycetes are concerned, White is largely self-taught—we should all hope that we could do so well ourselves. It is a distinct pleasure for the MSA to recognize one of our stars.
James W. Kimbrough is one of two 1996 recipients of the Mycological Society of America's William H. Weston Award for Teaching Excellence. Dr. Kimbrough, a native of Eupora, Mississippi, earned a B.S. and an M.S. in Botany from Mississippi State University before graduating from Cornell University with a Ph.D. in Plant Pathology. Dr. Kimbrough was hired at the University of Florida in 1964 where he has risen through the ranks to become a professor in the Plant Pathology Department.

Dr. Kimbrough has developed a well-deserved reputation for excellence in research as evidenced by over 140 publications, several book chapters, and authorship or co-authorship of three books. Dr. Kimbrough is internationally known for his taxonomic and evolutionary studies of Ascomycetes and is considered one of the world's authorities on septal ultrastructure in fungi and ascosporangogenesis in the Ascomycetes. Dr. Kimbrough has directed the research of five post-doctoral fellows, fifteen doctoral students, twelve master's students, and served on more than one hundred supervisory committees of graduate students at the University of Florida. He has shared his skill and knowledge of fungi with mycological colleagues around the world and developed a reputation of international stature.

Dr. Kimbrough also has an outstanding record of service to the University of Florida and the community. As curator of the University Mycology Herbarium, he maintains more than 56,000 preserved fungal specimens. As an extension mycologist, Dr. Kimbrough provides vital services to County Extension Agents, University and Experimental Station personnel, and Florida homeowners and is generally recognized as the state's authority on molds, mildews, and mushrooms. He also serves as the mycologist for Poison Control Centers throughout the state of Florida.

Dr. Kimbrough has a long and active association with the Mycological Society of America. He has served as Counselor, on the Editorial Board of Mycologia Memoirs, as Secretary-Treasurer, Vice President and President, as well as on the foray, finance, golden anniversary, and elections committees. He also served on the local arrangements committee for the Second International Mycological Congress.

In expressing his teaching philosophy, Dr. Kimbrough stated "To be an excellent teacher one should first of all be a 'people person,' i.e., be able to relate well with students from all walks of life and with varied interests." Clearly he has accomplished this through his direction of students not only from the United States but Pakistan, Taiwan, Brazil, Turkey, the Philippines, Honduras, Costa Rica, and Vietnam. Dr. Kimbrough further noted that be an excellent mycology teacher one must: 1) have a keen and abiding interest in mycology; 2) demonstrate enthusiasm about the subject; 3) have a thorough knowledge of the fungi and related taxa; and 4) keep abreast of new discoveries and new techniques used in the study of fungi. This philosophy has served Dr. Kimbrough well, as evidenced by his success in the classroom and by the letters from students and colleagues which accompanied his nomination.

One student noted that "While serving as Dr. Kimbrough's teaching assistant for the graduate level introductory mycology course, I was in awe of his boundless knowledge of the fungi, but more importantly, he was able to convey ideas at the level of student understanding." The student goes on to say that "Dr. Kimbrough also plays an important role in inspiring younger students to enter into mycology and related fields by teaching a number of undergraduate courses that provide comprehensive instruction." Another student writes that "As a classroom teacher he was well known for his thorough and well organized lectures filled with detail from first hand experience. Graduate students of all specialties within his own and related departments relished his courses." These same sentiments were repeated numerous times in several of the supporting letters. Several letters which accompanied Dr. Kimbrough's nomination mentioned the wonder of his field trips to the Highlands Biological Station to collect fungi, visits to commerical mushroom producers, and an in-class gourmet meals with truffles for graduate students. Others mentioned that Dr. Kimbrough was the adopted major professor of all graduate students and was the person who solved all their financial, family or immigration problems.

As such, we take great pleasure in presenting the William H. Weston Award for Teaching Excellence in Mycology to James W. Kimbrough.

Michael W. Tansey is the second recipient of the 1996 Mycological Society of America's William H. Weston Award for Teaching Excellence. Dr. Tansey, a native of Oakland, California, earned a Ph.D. in Botany from the University of California, Berkeley, where he worked with Dr. Ralph Emerson. In 1971, Dr. Tansey was hired at Indiana University where he is an associate professor in the Biology Department.

Dr. Tansey has developed a well-deserved reputation for his work with the ecology and general biology of thermophilic fungi and anaerobic biology of Candida albicans as evidenced by over 40 published articles, book chapters and books. Dr. Tansey has been the academic advisor for two doctoral and two master's students.
Dr. Tansey has a long and active association with the Mycological Society of America. He has served a member of several committees and as Chair of the MSA Teaching Committee and helped produce the poster "What can you do with training in Mycology."

In expressing his teaching philosophy, Dr. Tansey noted that "Biologists and physicians should learn about fungi because fungi might well be important in their professional lives." Dr. Tansey "bombards" students with abundant visual stimuli: Slides, videos, films, color prints, and spectacular specimens. He states that the "foregoing is designed to get multiple affective involvement, to touch the many sense, evoke emotions, change ambitions, and stimulate attitudes."

Beyond this, he notes, must be clearly outlined labs with handouts, a detailed lecture syllabus, required readings of primary literature, and a good textbook. Finally he comments that "Much of good teaching involves details."

This philosophy has worked well for Dr. Tansey as evidenced by the letters from students and colleagues which accompanied his nomination.

One student noted that "During his lectures, Dr. Tansey brought fungi to life. He gave these organisms a personality, which helped in my comprehension of an infinitely diverse kingdom." The student goes on to say that "Along with his lectures, slide presentations, showing of field specimens, film-loops, and numerous other activities made Fungi my most memorable class at Indiana University." A number of other students shared the same sentiments.

Several students noted that Dr. Tansey kept them abreast of job and research opportunities for students, made mycology relevant in their daily lives, and showed genuine compassion for them as people.

Based on his contributions to mycology, we are pleased to present the William H. Weston Award for Teaching Excellence in Mycology to Michael R. Tansey.

[Andrew Methven, Chair of the Teaching Committee]

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**Martin-Baker Research Award**

Dr. Cathy L. Cripps presented a proposal for funds to support studies to evaluate the potential of aspen seedlings inoculated with endemic strains of ectomycorrhizal fungi as revegetation agents at the Anaconda mining site in Montana. Several ectomycorrhizal, homobasidiomycete species have been identified and are available. Dr. Cripps is presently an Adjunct Assistant Professor in the Department of Plant Pathology at Montana State University, Bozeman, MT. She received her Ph.D. degree in 1995 from Virginia Polytechnic Institute and State University; her major professor was Dr. O. K. Miller, Jr.

Dr. David S. Hibbett is a Post-doctoral Fellow in the Department of Organismic and Evolutionary Biology at Harvard University. Dr. Hibbett was awarded a Ph.D. degree at Duke University in 1991. His major professor was Dr. R. Vilgalys. Dr. Hibbett requested support for a molecular phylogenetic study of the species of *Lentinula*-Shiitake. He has experience with the topic and has published several papers on this subject. He has published analyses of intergenic transcribed spacer sequences of nuclear rDNA and phenetic analyses of RFLPs of mtDNA.

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**Alexander H. and Helen V. Smith Research Award**

Jacqui Johnson is the 1996 recipient of the A. H. and H. V. Smith Research Award for her proposal to examine phylogenetic relationships in *Lepiota* sensu lato. The work supported by the Smith Research Award will be a portion of her doctoral thesis which addresses several issues in the systematics of *Lepiota*: 1) is *Lepiota* sensu lato monophyletic? 2) what are the monophyletic groups within *Lepiota* sensu lato, and do they correspond to the segregate genera or tribes proposed in the literature? 3) what other fungi are most closely related to the genus? and 4) how does the evolution of molecular characters compare with morphological characters?

Ms. Johnson pointed out that the contributions of the late Helen V. Smith, i.e., those having to do with the Smith's collections and data supporting a monographic study of *Lepiota*, are key to helping Ms. Johnson develop an understanding of morphological systematics of this group. In discussing her need to examine the Smith collections/data at the University of Michigan Herbarium, she stated that "these collections are clearly important in my evaluation of key characters for delimiting segregate genera." Her main goal for this particular study is to produce a phylogenetic hypothesis of evolution in *Lepiota* based on morphological characters.

[Timothy J. Baroni, Chair of the A.H. and H. V. Smith Awards Committee]
Mentor Student Travel Awards

For purposes of this year's awards, mentor designations were combined (e.g., Thiers-Wells) where individual mentor fund donations were above half of, but still substantially below, the $3000 minimum target. This allows the mentor to be "honored" but also points out that funds in the name of each of these mentors need more financial support to achieve the appropriate minimum levels. Support your favorite mentor fund(s) with a donation now! The entry for each award includes: Name of mentor award, winner's name (* = award winner in 1995), affiliation, degree in progress, research advisor, and paper/poster title.


A. Barksdale/J. P. Raper Award: James T. Blodgett, Plant Pathology, Univ. of Wisconsin-Madison, Ph.D., G. R. Stanosz. Differences in response of Sphaeropsis sapinea morphotypes to a phenolic and monoterpenes of Pinus resinosa.


W. C. Denison Award: Jose Herrera*, Biology, Kansas State Univ., Ph.D., C. L. Kramer. Cue assessment of microbiobially infected food by two rodent species.


W. C. Denison Award: Scott La-Greca, Botany, Duke University, Ph.D., C. F. & W. L. Culberson. Intron phylogeny supports rDNA phylogeny in two groups of Ramalina lichens.


E. Butler Award: John M. McKemy, Environmental Science & Forestry, SUNY-Syracuse, Ph.D., C.J.K. Wong. Several new species in the genus Phialophora.


H. Bigelow Award: John P. Schmit*, Evolutionary Biology, Univ. of Chicago, Ph.D., G. Mueller. Effects of nutrient density on competition between fungal decomposers.

R. Korf Award: Tao Yun, Plant Biology, Univ. of Illinois, Ph.D., C. Shearer. A long term study of aquatic hyphomycete communities on submerged leaves and the conidial pool in water.

MSA Graduate Fellowships

Kathie T. Hodge received a B.S. with Distinction in Honours Biology from the University of Toronto in 1990, and a M.S. in Plant Pathology from Cornell University in 1993. She is currently a doctoral candidate in Plant Pathology at Cornell University under the direction of Dr. Richard A. Humber. Kathie's research proposal is entitled "Monophyll and host switching in Hirsutella." Other awards Kathie has received include a Friends of the Parlow Fellowship, MSA Mentor Student Travel Award, an Outstanding Graduate Teaching Assistant Award from the Dept. of Plant Pathology at Cornell, the Lilian Massey Treble Scholarship for Excellence in Science from Victoria College, and several Undergraduate Student Research Awards from the Natural Sciences and Engineering Research Council of Canada. She is the founder and maintainer of Mycological Resources on the Internet (<http://www.keil.ukans.edu/~fungi/}), and she has published one paper and has two more in press.

Elizabeth M. Frieders received a B.A. cum laude in Biology from St. Olaf College in 1989, and a M.S. in Plant Biology from the University of Minnesota in 1994. Currently, she is a doctoral candidate in Plant Biology at the University of Minnesota studying under the direction of Dr. David J. McLaughlin. Elizabeth's dissertation is entitled "An integrated approach to understanding the role of moss parasites in basidiomycete evolution." Elizabeth has received several MSA Mentor Student Travel Awards, the Carolyn M. Crosby Fellowship and Grant for Research Abroad from the Univ. of Minnesota for research in Costa Rica, and a MSA Graduate Research Poster Award. She has published one paper and has three more in press.
Ellen Trueblood
NAMA Memorial Fellowship

James E. Johnson received a B.S. in Environmental Biology and a M.S. in Botany from Eastern Illinois University in 1990 and 1992, respectively. He is currently a doctoral candidate in Botany at the University of Tennessee, Knoxville under the direction of Dr. Ronald H. Petersen. Jim’s research proposal is entitled “Systematics of the genus Xeromphalina.” Other awards received by Jim include the Raymond W. Holton Graduate Teaching Award from the Dept. of Botany at the Univ. of Tennessee, the Jonathan Baldwin Turner Fellowship in Plant Pathology at the Univ. of Illinois, the G. B. Dudley Scholarship at Eastern Illinois Univ., and a Best Student Presentation at the Annual Meeting of the Illinois State Academy of Sciences. Jim has published one paper.

Backus Award

John M. McKemy received a B.S. in Microbiology and a M.S. in Plant Pathology from Auburn University in 1988 and 1991, respectively. He is currently a doctoral candidate in the College of Environmental Science and Forestry, State University of New York under the direction of Dr. C. J. K. Wang. John’s research proposal is entitled “A phylogeny of the black yeast fungi.” John has received a MSA Travel Award and he has published eleven papers.

S. Coleman McCleneghan
“Taxonomic revision of the Pholiota spumosa complex (Basidiomycetes, Strophariaceae).” Co-authored with Ronald H. Petersen; University of Tennessee.

MSA Graduate Research Prize

Backus Award

John M. McKemy received a B.S. in Microbiology and a M.S. in Plant Pathology from Auburn University in 1988 and 1991, respectively. He is currently a doctoral candidate in the College of Environmental Science and Forestry, State University of New York under the direction of Dr. C. J. K. Wang. John’s research proposal is entitled “A phylogeny of the black yeast fungi.” John has received a MSA Travel Award and he has published eleven papers.

J. E. Johnson
“Preliminary estimates of phylogenetic relationships within the genus Xeromphalina Kuhner & Maire (Agaricales, Xerulaceae).” Co-authored with R. H. Petersen and Karen W. Hughes; University of Tennessee.

Outstanding Student Paper

John M. McKemy
“Systematics of the black yeast fungi.” Co-authored with Ronald H. Petersen; University of Tennessee.

M. W. Harding

J. E. Johnson
“Preliminary estimates of phylogenetic relationships within the genus Xeromphalina Kuhner & Maire (Agaricales, Xerulaceae).” Co-authored with R. H. Petersen and Karen W. Hughes; University of Tennessee.

Change of Address

Allen Press now handles such MSA membership services as maintaining the MSA mailing list, preparing mailing labels, and processing membership applications and renewals. Send all corrections of directory information, including e-mail addresses, directly to Allen Press. MSA’s contact at Allen Press, Karen Hickey, can be reached by any of the following:

Mycological Society of America
Attn.: Karen Hickey
P.O. Box 1897
Lawrence, KS 66044-8897

phone: 800-627-0629 (U.S. and Canada)
913-843-1221
fax: 913-843-1274
e-mail: khickey@allenpress.com

Note: A copy of the directory is on the World Wide Web (start from the MSA Home Page <http://www.erin.utoronto.ca/soc/msa/>). A form is included so members may submit corrections to the directory which will be forwarded to Allen Press.
MSA Official Business

Minutes—MSA Council

27 July 1996, Room 112, Indiana Convention Center, Indianapolis, Indiana

1. The Annual Meeting of the MSA Council was called to order at 8:10 a.m. by President Donald Pfister.

   All Council members were present except for Georgiana May, who sent regrets. Also attending were Sandra Anagnostakis, Dennis Desjardin, David Griffin, Roy Halling, Orson Miller, Greg Mueller, and Jeff Stone.


3. President Pfister presented an overview of items requiring special attention by Council. He reported that e-mail correspondence pertaining to MSA business has been saved for Council discussion and for the Historian, where appropriate. He called for involvement of MSA members as volunteers in Society activities; volunteers for committees, projects, and liaison and representative positions are encouraged.

4. Vice President Palm reported the results of the 1996 MSA Election:

   Marked ballots were received from 360 members. All candidates were notified of the results and those that were elected were invited to attend the MSA Council meeting. Those elected are as follows: Vice President: George Carroll; Councillors, Cell Biology/Physiology, Ian Ross; Ecology/Pathology, Jeff Stone; Genetics/Molecular Biology, Mary Berbee; Systematics/Evolution, Dennis Desjardin.

5. Secretary Kohn circulated her report. A proposal to abandon one or both mailings to the membership was discussed. Each of these mailings now cost Canadian $1,000–1,500. With six issues of Inoculum per year, the MSA Bulletin Board, and the MSA Home Page, the fall mailing that includes the Call for Nominations and an announcement of MSA Awards is no longer necessary. A motion to discontinue the autumn mailing and to issue the Call for Nominations and request for Honorary Member nominations as an insert with Inoculum and Mycologia was unanimously approved. The insert will be brightly colored with instructions on how to fold it into a return envelope and will be mailed with both the September/October and November/December issues. The spring mailing, which includes the ballot, will continue to be sent to all members.

6. Treasurer Howard circulated a report that was preliminary to the final 1996 report since the preparation for the Annual Meeting occurs prior to the end of the fiscal year. A final report will be published in Inoculum in the coming months. He reported that the society remains in a strong financial condition. Revenues exceeded disbursements by nearly $37,000, raising assets to over $334,000. He was commended by President Pfister for his efforts in the transition between Treasurers and for stepping into the breach and managing the Sustaining Members Committee in the absence of a Chairperson.

7. Committee Chair, Orson Miller presented the report of the Finance Committee. The Endowment Fund investment ladder is in place. We are now creating a similar system for the Operating Fund. The total investment from the operating funds to $155,000 and will leave ample funds to enable the Society to conduct business. When a similar approach is achieved with the Operating Fund, the estimated annual income to the Society will be $17,000 per year or more. Even given the difficulties in comparing the new system with the complex system of the past, we are probably looking at a 30–40% increase in income.

8. Mycologia.

   A. Reports were presented by Editor-in-Chief, David Griffin and outgoing Managing Editor, Roy Halling.

   B. Sandi Frank, who has been Managing Editor since July 1, 1996, submitted a budget projection for the 1997 Fiscal Year which was presented by President Pfister. This projects a loss of $27,733. A letter to President Pfister from John E. Rorer, Executive Vice President of the NYBG was also presented. Rorer pointed out that since Mycologia has taken a loss for the past several years, and is projected to have a net loss in Fiscal Year 1997, the fund balance for the journal is being depleted. The current fund balance will cover publication for a maximum of two more years. If the fund balance becomes fully depleted, the Society will have to negotiate a new approach or cease publication.

   Much discussion followed. It is apparent that despite the increase in the per member contribution to Mycologia from $17.50 to $22.50, the MSA contribution to the publication costs of Mycologia has declined over the years. In 1932, 100% of the membership fee, $5.00, went to Mycologia. In 1980, 30% of the $15.00 membership fee went to Mycologia and a subscription was $35.00. The trend is for subscription prices to go up and our contribution to go down relative to our dues. This year the MSA is contributing 18% of the publication costs, while the NYBG is contributing 82%. With the objective of removing the structural deficit, Council took the following three actions:

   1. Page Charges. The wording of the sheet sent to Mycologia authors from the NYBG will make the page charge policy more binding, although there will be options for those who cannot pay. Despite the present, unfortunate wording on this sheet, it has never been the policy of the Society that members are exempt from page charges. Council encourages all members to budget for Mycologia page charges in grant proposals and in negotiations for publication support with their institutions, as they would for many other journals, or to seek other avenues for paying. This is one concrete way that our membership can put the journal in the black. The page charge is currently $40.
2. An increase in the per member contribution to Mycologia of $5.00 was approved. This is an increase to $27.50; note that dues remain the same.

3. An ad hoc committee will be selected by incoming President Ginns to work directly with the NYBG on new approaches to eliminating the structural deficit. A visit to the NYBG by the committee will be facilitated by Roy Halling. The committee will report to the Executive Council at their mid year meeting in early 1997.

C. A proposal from Cletus Kurtzman, Kerry O'Donnell, and Stephen Peterson to adopt a precise policy requiring that specimens/strains be deposited in herbaria or an international or national culture collection (e.g., ATCC, CBS, DSM, FGSC, FRC, IFO, IMI, JCM, NRRL) and that voucher or accession numbers be provided as a condition for publication in Mycologia was discussed and passed on to the Mycologia Editorial Board. This will be discussed at the annual Editorial Board Meeting. Kerry O'Donnell cited "Reinforcing access to research data," Nature 379:191 (1996), in support of the obligation to authors to deposit data and voucher materials.

D. Reports on distribution of back issues of Mycologia were received from both Past President Amy Rossmann and Jean Lodge. Rossmann reported that as a result of the work of many colleagues at Beltsville and the NYBG, the project is complete. Note that her report will be published in Inoculum [47(4):5], so that all who contributed will be recognized. Thirty sets have been mailed to institutions in 19 countries including: Bangladesh, Brazil, Cambodia, Costa Rica, Croatia, Goa, Guatemala, India, Indonesia, Laos, Mexico, Pakistan, Paraguay, Peru, PRC, The Philippines, Thailand, Venezuela, and Viet Nam. The goal is to keep this going by adopting each of these institutions with gift subscriptions. Council encourages members to pick your favorite country and institution and provide the mycologist at that institution with a gift subscription. Treasurer Howard can answer any questions about how to do this. Jean Lodge still has eight sets of back issues available and requests from outside the US and Europe are welcome.

9. Mycologia Memoirs. Chair Jean Lodge reported that "A Revision of the Genus Hypoxylon" by Ju and Rogers was published by APS Press in May/June 1996. The committee has been contacted by the author of a proposed manuscript and expect to evaluate it when it is submitted in November 1996.

10. Inoculum. Abstracts for the 1996 Annual meeting were published in Inoculum 47(3) and posted on the Smithsonian's Natural History Gopher Server. Note that the MSA Home Page links to the abstracts, which can be searched, as well as to issues of Inoculum. Editor Ellen Farr calls for more input from members. She requests brief articles, notes on techniques, brief reviews of books that might be too general for review in Mycologia. Beginning with Inoculum 47(4), she is experimenting with an electronic Inoculum questionnaire distributed to members with e-mail addresses.

11. Directory. Secretary Kohn reported that a hard copy of the latest version of the Directory would be available at the Breakfast and Business Mtg. and the Social for examination in order to facilitate corrections. As reported in the minutes of the Mid Year Executive Committee Meeting, a new hard copy version is expected to be available in 1997.

12. Bulletin Board. Sandi Anagnostakis will assume the job of maintaining the MSA Bulletin Board. This entails reviewing submissions for appropriateness and e-mailing them to the Bulletin Board, as well as forwarding job announcements and other items that come in electronically. In the meantime, until the switch to Sandi is implemented, continue submitting to the present e-mail address.

13. Endowment Committee. Chair, Jeff Stone presented his report which will be published in Inoculum. 1995–96 has seen a new Fitzpatrick Mentor Fund and a significant bequest from the Smith family that brought that Fund to $20,000. This year $23,000 has been raised, right on the target of at least $100,000 every 5 years. With the addition of the interest accruing every year due to the investments overseen by the Finance Committee, the Society is in a position to disburse more money. Council approved the increase of each Mentor Travel grant from $150 to $300. The principle that the MSA will give as many awards as possible was re-emphasized. A new guideline increasing the income estimate for Travel Award Funds from 3% to 7% was approved. Members are encouraged to contribute to Mentor Travel Funds; consult with Jeff Stone on which funds still need to meet their targets for payouts from interest.

14. Program Activities

A. The efforts of the organizers of this meeting were acknowledged. Council expresses thanks to Program Chair Elwin Stewart, Local Liaison Don Ruch, and at APS Sue Casey, Leah Barna-Hedlund, and Corey Daucus. At the suggestion of Elwin Stewart, a meeting of committee chairs will be held after the annual Council meeting to discuss plans for future meetings.

B. Awards. Tim Baroni announced that the A.H. and H.V. Smith Research Award will go to Jacqui Johnson for her proposal to examine phylogenetic relationships in Lepiota sensu lato.

The Awards Committee report was submitted by Dennis Desjardins. Awards will be made as follows: Distinguished Mycologist Jan Brent Heath and John W. Rippon (two awards); Alexopoulos Prize James Francis White, Jr.; MSA Graduate Fellowships Kathie T. Hodge and Elizabeth M. Frieders; Ellen Trueblood NAMA Memorial Fellowship James E. Johnson; and Backus Award John M. McKemy. Two Graduate Research Prizes for Oral Presentation and two Graduate Research Prizes for Poster Presentation will be awarded at the MSA Auction and Social. The Awards Committee of Dennis Desjardins, Joanne (Judi) Ellzey, Daniel Wubah, and David Hibbett were commended for their efforts on behalf of the society. Desjardins is retiring this year. Joanne Ellzey will become Chair of the MSA Awards Committee for 1996–1997.

The Martin-Baker Endowment Fund report was presented by Kenneth Wells, Chair of a committee including Charles W. Mims, Kerry O'Donnell and Ian K. Ross. Because no award was given last year, two awards are being made this year; normally one award will be made per year. Awardees are Dr. Cathy L. Cripps and Dr. David S. Hibbett.
Walter Sundberg, Chair of the Mentor Travel Awards Selection Committee presented a report. Eleven Mentor Travel Awards at $150 each were awarded for 1996. Eleven applications were received by the Committee Chair. Sundberg presented three suggestions to improve the functioning of the Committee which were supported by Council: (i) In order to encourage participation in MSA meetings over time by the greatest number, variety, and level of students, students will be allowed to win Mentor Travel support more than once. If applicant numbers are higher than the number of awards available, preference will be given to those who have won the award only once. (ii) Applicants must be MSA student members or past student members who have been awarded the degree within one year of the annual meeting, and must be presenting a paper or poster at the meeting.

The William H. Weston Award for Teaching Excellence in Mycology is to be awarded to Dr. James W. Kimbrough and Dr. Michael R. Tansey.

Council approved an increase in the two MSA Graduate Fellowships from $1,000 to $2,000. The Ellen Trueblood NAMA Memorial Fellowships and the Backus Award will remain at their present levels unless the Society is directed otherwise.

C. A new policy on Symposium support was approved. A sum of up to $3,000 will be made available. Applications submitted by an autumn deadline in the year of the proposed Symposium will be reviewed by the Program Committee. The Committee will approve symposia and make recommendations to the Executive Committee for funding based on the budget submitted with the application. Rick Howard and Mary Palm will prepare guidelines for the Program Committee to be included in the Manual of Operations.

D. Future Meetings. The 1997 MSA Annual Meeting will be held in conjunction with the annual meeting of the American Institute of Biological Sciences (AIBS) at the Montreal Convention Centre, Montreal PQ Canada, August 3–7. Steve Miller will be Program Chair. Vice President Palm led the discussion on the 1998 site. After discussion and voting, Council approved an 1998 Annual Meeting as a stand-alone MSA meeting, to be held in San Juan, Puerto Rico. It will be held in June, as is the custom in the year of an International Mycological Congress. Jean Lodge has investigated and found accommodation at $60–70 room rates. This meeting will offer opportunities for a rain forest foray and for Latin American mycologists to attend our meeting. The Puerto Rico Convention Bureau offers a substantial subsidy of our Social including free rum.

The 1999 MSA Annual Mtg. will be held in conjunction with the International Botanical Congress in St. Louis, August 1–7 (note that the nomenclature sessions will be held in the week preceding the meeting). It is anticipated that there will be a prominent Mycological component. The Congress will be structured around large morning symposia that will be strongly interdisciplinary, regular afternoon symposia run concurrently, and contributed posters. MSA activities, e.g., the Annual Lecture, Social, President’s Address, will be offered in the evening. 5,000–8,000 participants are expected. The organizers are seeking symposia with strong interdisciplinary aspects. We need really good ideas—communicate them to Meredith Blackwell.

15. John S. Karling Annual Lecture. A report was received from Committee Chair, Jim Anderson. The 1996 Lecture will be given by Dr. Barbara Valent. The first choice of the Committee for a 1997 Lecturer was approved by Council, authorizing the new Chair, Keith Egger, to make the invitation.

16. The International Committee, currently an ad hoc committee, was approved as a permanent rotating committee with three year terms, necessitating a By Law change. This committee will work to develop an increase role and presence for the MSA in International Mycology. Council approved a statement of support for the recently formed Asociacion Latinoamericana de Micologia (ALM), which provides a mechanism for information exchange and the organization of scientific meetings of mycologists interested in the American tropics. The statement also conveys Council’s concern over the present conditions that preclude participation of members of the MSA in ALM activities and which hinder free exchange of scientists and of scientific information.

17. The Honorary Member nominations of A. P. J. Trinci and J. Sugiyama were approved. The Emeritus Member application of B. T. Lingappa was approved. All three names were sent to the Membership for approval at the Annual Business Meeting.

18. The Sixth International Mycological Congress will be held August 23–28, 1998 in Jerusalem. Greg Mueller will chair a committee to apply for travel funds.

19. At the request of the Liaison to Amateur Societies and Clubs committee chair, Scott Redhead, Council approved plans for closer ties to NAMA. President-Elect, Jim Ginns will discuss implementation with NAMA at the NAMA foray in August.

20. Jim Ginns informed Council that he had discussed editing and review procedures for the new Dialogue column in Inoculum with Editor Ellen Farr. Members can submit items, by definition discussion or criticism, to Inoculum.

21. Jim Ginns reported that Harry Thiers is working on an Inoculum article on Helen Smith.

22. The meeting adjourned at 4:30 p.m.

Addendum: In addition, at the instigation of Program Chair, Elwin Stewart, a meeting of MSA Committee Chairs and others interested in MSA meeting planning, was held in the evening on July 27. President Elect Jim Ginns presided.

Information on Symposium support and future meeting sites was presented. Many potential symposium topics were vetted. There was also a valuable discussion of MSA Committee Activities. In addition to sponsoring symposia, workshops, discussion session, etc. at meetings, Committee Chairs can also plan to prepare reports, reviews and other articles for Inoculum.

Respectfully submitted by Linda M. Kohn,
MSA Secretary
Minutes—MSA Business Meeting

30 July, 1996, Indiana Convention Center, Indianapolis, Indiana

1. The meeting was called to order by President Pfister at 8:30 a.m.

2. President Pfister made some general announcements, introduced those sitting at the head table, and thanked various officers and members for their efforts over the past year on behalf of the Society.

3. The minutes of the 1995 MSA Business Meeting (Inoculum 46(5): 13-14) were unanimously approved.

4. Vice President Palm announced the results of the election.

5. Secretary Kohn's report was circulated and highlights presented.

6. Endowment Committee Chair, Jeff Stone reported that income to the Fund is good and he thanked members of the Committee for their efforts. The contributions of Meredith Blackwell and Don Hemmes to fund-raising activities were singled out for special praise. Stone urged MSA members to bid without restraint at the Auction, to contribute freely to the Endowment and to support their favorite mentors by contributing to their Funds. He reminded members that the fund-raising cycle was now starting up for the coming year.

7. Treasurer Howard presented the key details of his preliminary report. He noted that the Endowment Fund is a major part of our revenue and acknowledged the efforts of Orson Miller in managing investments of part of the Fund. Membership is 1304 as of July 18, 1996 (+60 over previous year).

8. All new 1996 members were approved as was one new emeritus member.

9. Professors Junta Sugiyama and A.P.J. Trinci were unanimously approved as Honorary Members.

10. Mycologia Editor-in-Chief, David Griffin presented his report. He noted that the transition from David McLoughlin has gone smoothly although the learning curve in assuming the job has been steep. Targets for improvements are the two bottlenecks in efficient manuscript management, prompt return of reviews and revision of manuscripts. He noted that DNA sequence alignments will no longer be published; accession numbers to databanks such as GenBank and EMBL will provide access to the information.

11. Outgoing Managing Editor, Roy Halling presented his report. He announced the transition to the new ME, Sandi Frank. Roy will assume the job of Mycologia Index Editor.

12. Secretary Kohn presented the highlights of the minutes of the 1996 Council Meeting as well as the meeting of MSA Committee Chairs which was chaired by President-Elect Jim Ginn.


14. Awards Chair, Dennis Desjardin announced the recipients of the Graduate Student Awards: MSA Graduate Fellowships, Kathie T. Hodge and Elizabeth M. Fieders; Ellen Trueblood NAMA Memorial Fellowship, James E. Johnson; Backus Award, John M. McKemy.

15. President Pfister made the presentation of the A.H. and H.V. Smith Research Award to Jacqui Johnson for her proposal to examine phylogenetic relationships in Leptota sensu lato.

16. President Pfister presented the Martin-Baker Endowment Fund Award to Dr. Cathy L. Cripps and Dr. David S. Hibbett.

17. Teaching Committee member, Karen Snetselaar and President Pfister presented the William H. Weston Award for Teaching Excellence in Mycology to Drs. James W. Kimbrough and Michael R. Tansey.

18. The Alexopoulos Award was presented to Dr. James Francis White, Jr.

19. The Distinguished Mycologist Award was presented to Drs. Ian Brent Heath and John W. Rippon.

20. President Pfister turned over the presidential gavel to James Ginn, the 1996-1997 President.

21. The meeting was adjourned at 10:00 a.m. by President Ginn.

Respectfully submitted by Linda M. Kohn, MSA Secretary
MSA Official Committees and Representatives 1996–1997

REPRESENTATIVES
American Association for the Advancement of Science, Committee of Section G, Biology: Diane TeStrake, 1994-1997.


STANDING COMMITTEES
Endowment
Jeff Stone, Chair, 1994-1997
Don Hemmes, 1995-1998
Joseph Spatafora, 1995-1998
Margaret Barr Bigelow, 1996-1999
Timothy Baroni, 1996-1999

Finance
Orson Miller, Chair, 1994-1997
Harold Burdsall, 1994-1997
Martha Powell, 1994-1997
Thomas Harrington, 1996-1999

Honorary Members
David McLaughlin, Chair, 1996-1999
S. Bartnicki-Garcia, 1994-1997
Meredith Blackwell, 1995-1998
Rodney Roberts, 1996-1999

Mycologia Memoirs
Jean Lodge, Chair, 1995-1998
Lori Carris, 1994-1997
Margaret Barr Bigelow, 1995-1998
Zamir Punja, Chair, Sustaining Members Committee, ex officio
Linda Kohn, MSA Secretary, ex officio

Nomenclature
Pavel Lizon, Chair, 1994-1997
Dennis DeJardin, 1995-1998
Lorelei Norvell, 1996-1999

Publications
(Chair to be named)
John Zak, 1994-1997
David Malloch, 1996-1999
Jeff Stone, Chair, Endowment Committee, ex officio
David Griffin, Editor, Mycologia, ex officio
Ellen Farr, Editor, Inoculum, ex officio

Sustaining Members
Zamir Punja, Chair, 1996-1999
Rick Kerrigan, 1994-1997
James Anderson, 1996-1997

Teaching
Karen Snetselaar, Chair, 1994-1997
Thomas Volk, 1994-1997
Edward Braun, 1994-1997
Don Ruch, 1995-1998
Walter Sundberg, 1996-1999

ROTATING COMMITTEES
Annual Lecturer
Keith Egger, Chair, 1994-1997
Thomas Bruns, 1995-1998
Myron Smith, 1996-1999

Awards
Joanne Ellzey, Chair, 1994-1997
Daniel Wubah, 1994-1998
David Hibbett, 1995-1999
Gary Samuels, 1996-2000

Culture Collections
Frank Dugan, Chair, 1994-1997
Richard Humber, 1996-1998
Kerry O'Donnell, 1996-1999
Linda Kohn, MSA Secretary, ex officio

Ecology
Paul Widden, Chair, 1994-1997
Keith Clay, 1995-1998
John Kiliromos, 1996-1999
Kathie Hodge, 1996-2000

Liaison with Amateur Mycological Clubs and Societies
Scott Redhead, Chair, 1995-1997
Carl B. Wolfe, 1994-1997
Lorelei Norvell, 1995-1998

Medical Mycology
Estelle Levetin, Chair, 1994-1997
Harriet Burge, 1996-1999
W. Elliott Horner, 1996-1999
Richard Summerbell, 1996-1999

Nominations
Martha Powell, Chair, 1993-1997
Meredith Blackwell, 1994-1998
Ronald Petersen, 1995-1999
Amy Rossman, 1996-2000

Phytopathology
Robert Blanchette, Chair, 1994-1997
Josephine Taylor, 1995-1998
James Worrall, 1996-1999
Harvey Hoch, 1996-2000

Program
Steven Miller, Chair, 1991-1997
Mary Berbee, 1995-1998
Albert Torzilli, 1996-1999
Mary Palm, President-Elect, ex officio

AFFILIATES, ASSIGNMENTS AND SPECIAL COMMITTEES
Affiliated Societies
The Boston Mycological Club
Illinois Mycological Association

Foray
Don Ruch, Chair
Gerald Benny
Robert Gilbertson
Clark Rogerson
Linda Kohn, MSA Secretary, ex officio
Mary Palm, MSA President-Elect, ex officio
James Ginz, MSA President, ex officio

Historian
Sandra Anagnostakis

H.V. & A.H. Smith Award
Timothy Baroni, Chair
James Trappe
Nancy Smith Webber

International Affairs
Dick Hanlin, Chair
MSA Publications

*Mycologia,*
Editor-in-Chief

This report covers the period July 1, 1995-June 30, 1996.

**Transition.** This year was a transition of the Editor-in-Chief from David J. McLaughlin, University of Minnesota, to David H. Griffin, State University of New York, College of Environmental Science and Forestry. As part of the transition I spent two days last August at Allen Press in Lawrence, KS learning how to prepare manuscripts for the press and getting a first hand view of the process for publishing *Mycologia* from start to finish. This was most worthwhile, providing me with a much better understanding of what I needed to do and why it should be done.

The MSA computer and files of manuscripts in progress were shipped to me late in July, 1995, and installed in the *Mycologia* Editorial Office, Room 458, Illick Hall. This office is provided by the College and is devoted entirely to editorial functions. Because of different office circumstances, it was necessary for the Society to purchase a printer and combination fax-telephone answering machine. Some new software and software updates were also purchased and the computer has been upgraded by the addition of RAM and a new, larger hard disk. During the year the floppy disk drive failed and required replacement (twice, the second time on warranty). MSA funds expended with Council approval for these purposes were as follows:

- Printer and fax $1097.96
- Software 219.30
- Upgrade 732.00
- Repair 179.75
- Total $2229.01

**Associate Editors.** The Associate Editors are working very well and the flow of manuscripts through review and revision has been excellent. The result is that the first issue 88(1) was mailed a week ahead of the production schedule and subsequent issues have all been mailed on time. Three new Associate Editors began terms during the year, Meredith Blackwell and Gregory Mueller (as reported in McLaughlin's final report) began during the summer of 1995, and Charles Mims replaced Frederick Spiegel, who resigned. The following completed their first term this year and have agreed to a second term: Richard Howard, Richard Humber, Martha Powell, Gary Samuels, Rytas Vilgalys, and Darrell Weber. James Anderson, also completing his term, will retire. Martin Dickman has been appointed to replace him. The cooperation and responsiveness of the Associate Editor team has been wonderful, and I thank them all for their hard work and guidance. Gary Samuels has been especially helpful in conferring on the technical details of publishing taxonomic papers.

**Production.** Because of the improved flow of manuscripts from the Associate Editors, I am currently about a month ahead of the production schedule on submission of manuscripts to Allen Press for each issue, ensuring that timeliness will continue. The production schedule for next year has been revised so that each issue will mail on the first day of even numbered months, i.e. Feb. 1, April 1, June 1, Aug. 1, Oct. 1 and Dec. 1. This schedule has been communicated to Sandi Frank at the New York Botanical Garden and Ellen Farr, Editor of *Inoculum* so that they may coordinate as needed.

**Editorial Board.** The reduction the Editorial Advisory Board continues, and one name, Harvey Hoch, has been sent to Council for approval. Three members, Michael Dykstra, Thomas Harrington and Gary Leatham ended their terms this year. Their contributions are greatly appreciated, and I thank them. The selection process for a new Board member involved nominations from the present Board and two ballots to select the final nominee. Thirteen names were nominated. The first ballot reduced the list to three who were then contacted for their willingness to serve, if selected, and a final ballot was obtained from the Board.

**Editorial Policy Changes.** Two changes have been introduced this year. The first,
dropping the requirement that all scientific names contain the nomenclatural authorities and making this optional except for taxonomic papers, was approved by the Editorial board at the meeting in San Diego, CA, in August 1995. The second, eliminating the publication of nucleic acid sequences and sequence alignments, was approved this spring after e-mail discussion. Authors will be required to submit sequences to GenBank (or cooperating databases) where they are publicly available and they are encouraged to either make hard copies of sequence alignments available on request or to submit alignments to the TreeBase or EMBL databases. This policy will help reduce the pages and therefore the cost of these papers, while still making the information readily available.

Manuscripts. These numbers include papers submitted (8), accepted and published in vol. 87 (14), withdrawn (2) or rejected (2) by David McLaughlin during the transition period after his annual report.

Mycologia, Managing Editor

Managing Editor’s Report for Mycologia

Fiscal Year 1995–1996

Publishing Activity

During NYBG FY 1996, Mycologia was published as issue nos.:
87(3) July 7, 1994
87(4) September 24, 1994
87(5) November 23, 1994
87(6) January 25, 1995
88(1) March 14, 1995
88(2) May 3, 1995
88(3) July 10, 1996

Circulation

The circulation records for NYBG FY 1996 are as follows:

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87(5) 1068 19 95 1182
87(6) 1086 19 94 1199
88(1) 725 19 93 837
88(2) 808 19 93 920
88(3) **

**This issue was published on July 10, 1996 which excludes it from NYBG FY 1996.

Marketing and Promotion

The journal was advertised in the Allen Press Subscription Catalogue; the “Media Information” brochure of all NYBG journals was mailed to potential advertisers and list rental customers; the journal will be on display at the 1995 AIBS meeting in Seattle, WA. Mycologia and the Mycologia Index were promoted, along with other related NYBG titles, in the 1996 NYBG Scientific Publications Catalog that was mailed with vol. 87, issue 2 of Mycologia.

Finances

During FY '95, revenue totaled $153,352 and expenses totaled $176,832 resulting in a operating deficit of $23,480. A record of inventory on hand on 30 June 1995 was valued at $96,126 resulting in an adjusted operating surplus of $72,646. The Mycologia restricted investment fund netted $841 on securities and related income. The final report for FY '95 will be published in vol. 87, issue 4 of Mycologia. The books on financial figures for FY '96 have not been closed, but these numbers will be published in Mycologia when they are final. A budget for FY '97 has been submitted by Sandi Frank, Director of Scientific Publications, and current Managing Editor for Mycologia. As of July 1, 1996, all inquiries as to the finances of Mycologia should be directed to her. [Roy E. Halling, Managing Editor]
Vice President’s Report

3 July 1996

Results of the 1996 MSA Election:

Vice-President: George Carroll.

Councilor: Cell Biology/Physiology Ian Ross, Ecology/Pathology Jeff Stone, Genetics/Molecular Biology Mary Berbee, Systematics/Evolution Dennis Desjardins.

Marked ballots were received from 360 members. Ms. Harriet Gladish (Syst. Botany and Mycology Lab) compiled results in an electronic database and the results were verified by me.

Possible meeting sites for 1998

One of the new responsibilities of the Vice President is to help determine the meeting site for the year that person will be president, which for me is 1998. The Sixth International Mycological Congress will be held in Jerusalem, 23–28 August, 1998. Traditionally the Mycological Society of America has held a meeting the same year as the IMC, but earlier in the summer. Council indicated an interest in meeting alone in 1998. Mary Berbee will be the 1998 program chair.

Possible locations for the 1998 MSA meeting include:

- San Juan, Puerto Rico - Jean Lodge has been in contact with the Puerto Rico Convention Bureau. Room rates at the main hotel would be approximately $110 for a double room, with slight increases for triples and quads. Additionally, rooms would be available within walking distance at prices in the $70 range. The benefits of meeting in Puerto Rico include the chance for many mycologists to visit a rain forest for the first time, the hope that Latin American mycologists would be more likely to attend, and the fact that we have never met previously in this location.
- Asilomar Conference Center, California - An application has been made for several dates in June but decisions will not be made by Asilomar until March 1997. The site and low cost are a benefit. However, there is uncertainty about Asilomar accepting our application and limited dates are available. Additionally, we met in the West in 1994 and 1995.
- Madison, Wisconsin - Hal Burdsall is willing to host the meeting at the Univ. of Wisconsin. For those that attended the previous meeting in Madison, it goes without saying that facilities, site and low cost were excellent. The downside is that we have met in this location within the last decade and have met in the “Midwest” several times in the past five years.

Recent and upcoming MSA meetings:
1994 - IMC5 - Vancouver, Canada
1995 - with AIBS - San Diego, California
1996 - with APS - Indianapolis, Indiana
1997 - with AIBS - Montreal, Canada
1998 -
1999 - with International Botanical Congress, St. Louis, Missouri

Other Society Meetings in 1998:
AIBS - Baltimore - 2–6 August with Ecological Society of America
AAAS - 12–17 February - Philadelphia, Pennsylvania
APS - 6–10 December - Las Vegas, Nevada
IIPC (International Plant Pathology Congress) - August - Scotland

Thank you to Jim Ginz for some of the above suggestions and information.

Respectfully submitted,
Mary E. Palm
MSA Vice-President

[Note: At the 1996 MSA Meeting, the Council voted to meet in Puerto Rico in 1998.]

Report of the AIBS Representative for Public Responsibility

1) MSA signs on to Letter to Congress re the National Biological Survey.

The Mycological Society of America was invited and accepted the opportunity to sign on to a letter to Senator Slade Gorton, Chair of the Interior Appropriations Subcommittee, in support of the National Biological Service in its new role as part of the U.S. Geological Survey. The legislation and the supporting letter requested that “an additional $40 million be added to the USGS budget for FY 1997 to support multidisciplinary, problem-focused science and stakeholder involvement in the USGS” and that certain principles be promoted such as support for peer-reviewed extra-mural science programs and ongoing survey, monitoring, and wildlife management programs that the NBS has initiated. About fifty other organizations signed the letter. The letter in its entirety can be viewed on the MSA Bulletin Board on the Web site.

2) Past-President Amy Rossman and I represented MSA at the AAAS Affiliates Meeting on 11 February 1996 at the Baltimore Convention Center. Much of the discussion centered on Electronic Publication and implications for copyrights and intellectual property rights.

Respectfully submitted,
Mary E. Palm
Mycology Online

MSA Online

Members can use the links from MSA Home Page to access MSA resources
maintained on other servers. Additionally, Gopher client software can still
directly access the MSA Bulletin Board <gopher://huh.harvard.edu/1m/
project_information/msa-bbs> or back issues of Inoculum <gopher://
nmnhgoph.si.edu/11/.botany.myco/.inoculum>. Announcements are
posted to the MSA Bulletin Board by submitting news as an e-mail message
to <msa-news@huh.harvard.edu>.

INVAM Updated

I wanted to let you know about several recent changes to INVAM's Web
pages (International Culture Collection of Arbuscular and VA Mycorrhi-
zal Fungi). Our site is now bursting with almost 50 pages with information
ranging from taxonomy to descriptions about our personnel. We have
just added an online searchable database to our holdings. Interested per-
sons can search our Accession Database for isolates from sites with par-
ticular characteristics. Our Culture Database can also be searched to see
which isolates we have in stock at the moment. We have also added several
new pages describing the higher taxa (Genera, Families, etc.) of arbuscular
mycorrhizal fungi. Soon we will be adding detailed descriptions (complete
with photos) of many species. We hope to have a few ready before the
International Conference on Mycorrhiizae (ICOM). We will be work-
ing on the rest after the meeting. Check it out. All may be accessed
from our directory page:<http://invam.caf.wvu.edu/directory.htm> or come in through the
front door: http://invam.caf.wvu.edu/. [Steve Bentivenga]

Taxonomic descriptions of plant viruses

I'm pleased to announce that, thanks
to a grant from the Australian Centre
for International Agricultural Re-
search, detailed descriptions of viruses
of plants are now available on the In-
ternet. Nearly all known plant viruses
are included. The descriptions are de-

erived from the VIDE (Virus Identifi-
cation Data Exchange) database, using
the DELTA system. The descriptions
include data on host range; transmis-
sion and control; geographical distri-
bution; physical, chemical and
genomic properties; taxonomy and
relationships; and selected literature
references. We include the database
accession numbers (up to Gb[89] and
Em[44]) of the genomic sequences of
viruses and of satellite RNAs, and
provide links to the NCBI taxonomy
database to facilitate searches for these
and for more current accessions. There
are generic-level summaries of data
for viruses that are definitive or tenta-
tive members of genera or "groups".
There are also tables (with appropriate
links) listing over 1500 host plant spe-
cies, and their reported (experimental)
susceptibilities to these viruses. We
hope this will be a useful tool for vi-
rologist and plant pathologists around
the world. To access the descriptions,
Groups/MES/vide/>. [Eric Zurcher,
CSIRO Division of Entomology, Can-
berra, Australia. <ericz@ento.
csiro.au>]

URLs Briefly Noted

<http://www.dnai.com/~mwood/
mykoweb/ba_fungi.html>
Common Fungi of the Bay Area: De-
scriptions and photos of the common macrofungi of the San Francisco Bay
area of California.

<http://fungus.utmb.edu/myco.htm>
Medical mycology Web site has been
updated with several new images of
fungi of human, environmental and
veterinary importance, short descrip-
tions of most of the mycoses, and a
Medical Mycology Procedure manual in .pdf format.

<http://res.agr.ca/ecorc/program2/
mycology/ananet/>
AnaNet (The Anamorph Information
Network) now has a home on the
World Wide Wide. The issues of
AnaNet since January 1995 can be
read from this site, and most of the
issues previous to that can be down-
loaded as WordPerfect or as ASCII
files.

<http://www.kumc.edu/~fgsc/>
FGSC on-line services have been up-
dated. The FGSC now has the full text of the 43rd Fungal Genetics Newslet-
ter available on-line. Included in this
is the supplement comprised of the
abstracts from the European Confer-
ence on Fungal Genetics. Also new at
the FGSC web site is the fully updated searchable Neurospora databases. We
will continue to update the on-line
strain descriptions so stay tuned.
[Kevin McCluskey]
**Mycological News**

**Myxomycete Congress**

The Second International Congress on Systematics and Ecology of Myxomycetes (ICSEM2) met April 15–19, 1996 in Madrid, Spain at the Royal Botanical Gardens. There were 70 myxomycologists from 21 countries that attended the congress. Dr. Harold W. Keller from the University of North Texas Health Science Center and the Botanical Research Institute of Texas gave the Plenary Address entitled “Biosystematics of Myxomycetes: A Futuristic View” which launched four days of arduous but rewarding paper presentations—the use of DNA sequencing in systematics, exploration of biodiversity, and the possibility of inventories of species an an international level. Standardization of sampling and collecting methodologies were also discussed in a workshop session. A World Directory of Myxomycologists was published that will serve as a resource of valuable information for persons interested in networking with others studying Myxomycetes, Dictyostelids, and Protostelids. A special all-day excursion by chartered bus was taken to the evergreen oak woods and the mountains of the Sierra de Guadarrama where the snowline Myxomycetes were found in great abundance. There are tentative plans to hold the next Congress (ICSEM3) somewhere in the United States in 1999. [Carlos Lado, Chairman of the Organizing Committee ICSEM2]

**News of Mycologists**

Partha Banerjee has joined the mycology department at Wadsworth Center for Laboratories and Research under the New York State Department of Health. He has been doing in vitro and in vivo susceptibility studies using Candida albicans and single and combination of antifungal drugs. This postdoctoral research is funded by a Pfizer grant. If you want to contact Partha, his new address is: Partha Banerjee, Mycology Laboratory, David Axelrod Institute, Wadsworth Center for Laboratories and Research, New Scotland Avenue, Albany, NY 12201. Phone: 518-474-2168. <pbanerj@wadsworth.org>.

Tara Dubey’s project “Movement and infection capacity of sporangia of Phytophthora infestans (US# 8) through soil columns of Wisconsin soil types when subjected to different quantities of simulated rainwater and different types of fungicides” has been funded for another year. She is working with Dr. W.R.Stevenson, Professor of Extension in UW Plant Pathology dept. as PostDoc/Research Associate.

Karl Esser, Dr. Phil., Dr. h.c. mult. Professor emeritus of General Botany and retired Director of the Botanical Garden, Ruhr-Universität Bochum (Germany), and Chevalier des Palmes Académiques (France) has been elected “in honor of his merits in promoting botany in research and teaching” as Honorary Member of the Deutsche Botanische Gesellschaft (German botanical Society).

Peter Herman has just returned from a sabbatical leave in the Institutionen Für Markvetenskap, Sveriges Lantbruksuniversitet (Department of Soil Sciences, Swedish University of Agricultural Sciences) in Uppsala. One of the projects started in Uppsala and now being continued in New Mexico with the help visiting SLU student Ylva Lekberg involves the interaction of VAM fungi and Rhizobium astragalus in the desert legume Astragalus mollissimus.

From John Klironomos: I recently moved from San Diego State University. I accepted a faculty position in mycology at the Botany Department, University of Guelph. I started in June, 1996. My research will focus on the ecology of mycorrhizal symbioses. Also, if anyone moves long-distance, I have some important advice.... Get lots of insurance!! The moving van that relocated my household goods caught fire in Flagstaff, Arizona, and we lost practically everything! Luckily I saved most of my books. New address: Department of Botany, University of Guelph, Guelph, ON, Canada N1G 2W1. Phone: 519-824-4120 ext. 6007. Fax: 519-767-1991. <jklirono@uoguelph.ca>.

Jack Murphy is teaching the Introduction to Mycology course in the Dept. of Botany at University of Wisconsin, Madison, concurrent with a Postdoc at the Field Museum in Chicago. If you need to contact him, leave a message. He’ll get back to you sometime before February!

Thomas E. O’Dell returned to Corvallis, Oregon, in July to take a position with the USDA Forest Service, the PNW Research Station and the Bureau of Land Management as Regional Mycologist. His new responsibility is to initiate a regional survey and monitoring program for over 200 species of fungi as mandated by the Northwest Forest Plan. He also was appointed Courtesy Assistant Professor in the Department of Forest Science, Oregon State University. New address: USDA Forest Service, FSL, 3200 Jefferson Way, Corvallis, OR 97331. Phone: 541-750-7404. Fax: 541-750-7329. <odellt@fsl.orst.edu>.

Don Roberts (Boyce Thompson Institute, Ithaca, NY) has been on the road a lot this year. He reports “…helping teach a week-long course on pathogens of grasshoppers and locusts organized by USAID in Gabarone, Botswana in late April/early May, a week-long review of a UNDP project on sustainable pest protection of cassava in Benin in late May/early June, a two-week trip in mid-June to
Brazil where I visited laboratories and was awarded Honorary Member status by the Entomological Society of Brazil at a biological control conference (SICONBIOL) at Foz do Iguacu. The award is based primarily on my long service to Brazilian entomology, primarily in connection with almost 20 years work with Brazilians on fungal diseases of insects. In late June I went to the Azores for a Ph.D. dissertation defense (topic: fungal disease of Japanese beetle). The first week of September I will present the Founders’ Lecture at the Society for Invertebrate Pathology meeting in Cordoba, Spain. The lecture will honor the pioneer mycologist/microbiologist/pathologist Agostino Bassi, the nineteenth century scientist/farmer who established the germ theory of disease based on his decades of research on a fungal disease of silkworms. The fungus, *Beauveria bassiana*, was named in his honor. Bassi’s discoveries preceded those of Pasteur by more than 30 years.”

**Hans-Josef Schroers** returned, on 1 September, to the Centraalbureau voor Schimmelcultures to continue his Ph.D. studies with the Hypocreales under the direction of Walter Gams. Hans-Josef spent the last 13 months in the USDA, Systematic Botany and Mycology Laboratory, Beltsville, working with Gary Samuels.

Update from Chris Walker: I am now an honorary associate of the International Mycological Institute, and will be developing further cooperation with them. Work has now started on establishing a living collection of arbuscular mycorrhizal fungi (Glomales) in conjunction with IMI (Dr. David Smith), Royal Holloway University of London (Dr. Alan Gange) and myself. Cultures established there will be given IMI numbers and will become available through the normal IMI channels. Since retiring (early) from the Forestry Commission, I have established an independent consultancy, and will be available for contract and consultancy work on arbuscular mycorrhizal fungi, or for cooperative grant applications. New address: Dr. Chris Walker, Biological Research and Imaging Laboratory, 40/14 Woodhall Road, Edinburgh EH13 ODU, UK. <walker@globalnet.co.uk>.

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**Calendar of Events**

23–26 October 1996. 2nd Latin American Congress of Mycology, Havana, Cuba. Contact: Lic. Mayra Camino, Jardin Botanico Nacinal, Carretera del Rocio Km 3 1/2, C.P. 19230, Calabazar, Boyeros, C. Habana, Cuba. Fax: (53-7) 33-5350. <hajb@ceniai.cu> or Dr. Rolando Tapanes, Inst. Medicina Tropical “Pedro Kouri,” Apartado 601, Marianao 13, C. Habana, Cuba. <ciipk@infomed.sld.cu@gn.apc.org>.

29–31 October 1996. The First International Fusarium Biocontrol Workshop, Beltsville, MD. Sponsored by the Beltsville Agricultural Research Center, Biocontrol of Plant Diseases (BPDL) and Systematic Botany and Mycology (SBML). A complete range of topics concerned with biological control of diseases caused by *Fusarium* spp. and use of *F. oxysporum* as a mycoherbicide will be discussed from exploitation and biotagistics to host-parasite interactions/molecular biology to development/implementation. Each session will consist of a core program of informal keynote presentations supported by short contributed presentations, comments, and discussion. The program will be flexible so that more time can be devoted to a particular topic if needed. For information or registration, please contact: Robert D. Lumsden, Research Leader, Biocontrol of Plant Diseases Laboratory, Plant Sciences Institute, Bldg. 011A, Room 275, BARC-West, 10300 Baltimore Avenue, Beltsville, MD 20705 USA.


Confusion and controversy often surround the process of applying for and maintaining valid collecting permits. In many cases, the process is not well understood, new laws and regulations are not well publicized, or there is confusion about different agencies and responsibilities. This bilingual (English and Spanish) workshop will address these problems by bringing together scientists, agency representatives and collectors from several countries to examine the problems and provide clarification. Permit agency representatives will be available at a “permits bazaar” to answer individual questions and to facilitate on-site permit applications. The registration fee of $250 US includes the cost of the translation facility, receptions, coffee breaks, and all handouts and proceedings. The costs of other meals, transportation, lodging and on-site permit applications are not covered in the fee. A list of hotels and motels in the area will be sent to registrants. Contact: Sally Shelton, Director, Collections Care and Conservation, San Diego Natural History Museum, P.O. Box 1390, San Diego, California 92112 Phone: 619-232-0248. <libsndhm@class.org>.

1997 (February 13–18). AAAS, Seattle, WA.

1997 (March 18–23), The 18th Fungal Genetics Meeting, Asilomar, CA. Meeting will include plenary sessions on Metabolism and Gene Regulation; Cell Biology and Pathogenesis; Sexual and Asexual Development; Evolution.
Mycological Classifieds

Read the Mycological Classifieds for announcements of courses, employment opportunities, positions wanted, and mycological goods and services offered or needed.

Courses

Mycology Courses at CBS, Baarn, Netherlands. CBS offers three courses in mycology (described below) at their campus in Huize Mado-era, Javalaan 24, Baarn. Folders with detailed information on courses, fees, costs of accommodation in Baarn, etc. are available on request.

1997 (June 15–20). Tropical Diversity, Origins, Maintenance, and Conservation. Symposium and Annual Meeting jointly hosted by the Association for Tropical Biology and the Organization for Tropical Studies. Convention Center of Tapachula, Chiapas, Mexico. Keynote speakers will include: S. Bartnicki Garcia (U. Cal., EUA), G. Guzman (Instituto de Ecologia, Mex), D.L. Hawksworth (IMI, England), J. Labarrere (INRA, France), Ruben Lopez (Fac. de Medicina UNAM, Mx), D. Martinez-Carrera (Colegio de Postgraduados, Mex.), D. Royse (Penn. State University, USA), M. Palm (Mycological Society of America), and Miguel Ulloa (Instituto de Biologia, UNAM, Mex.). For additional information contact: Jose E. Sanchez Vaquez, ECOSUR-Tapachula, Apdo. Postal 36. Tapachula, Chiapas. 30700 Mexico.

1997 (August 14–17). NAMA Foray will be hosted by the Colorado Mycological Society at Copper Mountain Resort in Summit County, Colorado. NAMA is non-profit organization of professional and amateur mycologists. See: [http://www.dnai.com/~mwood/mykoweb/mycos.html].]

1997 (August 30–September 6). Autumn Foray of the British Mycological Society at Kindrogan Field Centre, near Pitlochry in Perthshire, Scotland. Ron Petersen will be the honored guest. It is hoped that this foray will attract European mycologists who know and enjoy this rather special part of Scotland. Contact: Adrian Newton and Lynn Davy, the organisers at <a.newton@ed.ac.uk> or by mail: Adrian Newton, Kingsmuir Hall, Bonnington Road, Peebles, Scotland. EH45 9HE. [Ernest E. Emmett, <e.emmett@rbgkew.org.uk>]

1997 (15–17 October). VI Mexican Mycological Congress. Convention Center of Tapachula, Chiapas, Mexico. Keynote speakers will include: S. Bartnicki Garcia (U. Cal., EUA), G. Guzman (Instituto de Ecologia, Mex), D.L. Hawksworth (IMI, England), J. Labarrere (INRA, France), Ruben Lopez (Fac. de Medicina UNAM, Mx), D. Martinez-Carrera (Colegio de Postgraduados, Mex.), D. Royse (Penn. State University, USA), M. Palm (Mycological Society of America), and Miguel Ulloa (Instituto de Biologia, UNAM, Mex.). For additional information contact: Jose E. Sanchez Vaquez, ECOSUR-Tapachula, Apdo. Postal 36. Tapachula, Chiapas. 30700 Mexico.


1999 (August 1–7). The International Botanical Congress will be held in St. Louis, MO. The organizers want mycology to be included and would like to have some fully intergrated symposia including mycology. Although the meeting will not occur until 1999, we must offer suggestions now if they are to be considered. Mycology needs to nurture its botanical roots! Contact: Don Pfister or Meredith Blackwell with any ideas of topics that will be of interest to the botanical community as a whole, as well as mycology.


1999. AIBS/Ecological Society, Baltimore, MD.
Course: Introduction to Systematic Mycology February 24–March 13, 1997. This course provides an introduction to fungal taxonomy with emphasis on the fungi known in pure culture and is intended for students without or with a limited knowledge in mycology. However a microbiological background is required. Fee of courses: Hfl. 2500.–. For university students and PhD students Hfl. 1000.–. Accommodation and meals not included in fee.

Course on Medical Mycology April 1–19, 1997. Emphasis in this course is placed on taxonomy and identification of human-pathogenic and opportunistic fungi and yeasts. The programme includes a review of the medically relevant organisms, demonstrations of various identification kits, and lectures on, e.g., epidemiology and antifungal therapy. The programme includes an overview of pathogenic and opportunistic fungi and yeasts. Medically relevant fungi will be demonstrated, and lectures are given on various aspects of vertebrate mycopathology. Course fee Hfl. 2500.–. Recommended textbook: Atlas of Clinical Fungi by G.S. de Hoog & J. Guarro; accommodation, meals and travel not included in the fee.

Food- and Air-Borne Fungi. June 1997. This course will be jointly organized by CBS Baarn and Centre for Land and Biological Resources, Research Branch, Agriculture and Agri-Food Canada, Ottawa and held at Central Plant Health Laboratory, Food and Animal Health Directorate, Food Production and Inspection Branch, Agriculture and Agri-Food Canada, Nepean. For details Keith A. Seifert or John Bissett can also contacted, William Saunders Bldg., Agriculture Canada, Ottawa, Ontario K1A 0C6 CANADA; E-mail: seifertk@em.agr.ca or bissettj@em.agr.ca. Course instructors: R. A. Samson, Ellen S. Hoekstra (CBS), Keith A. Seifert and John Bissett (CLBRR). Course fee: Can$ 1500.– includes textbook, but excludes accommodation, meals.

For additional information contact: <info@cbs.knaw.nl>.

Fungi Wanted

I am seeking a supply of fresh, dried Amanita phalloides. The Amanita will be used as a source of phallotoxins, which are used by biomedical researchers to study the cytoskeleton. I am also looking for fresh, dried Amanita ocreata—a possible alternate of phallotoxins. In order to preserve the integrity of the phallotoxins, it is important that the mushrooms be dried immediately after they are picked. Joshua Stahl, Molecular Probes, Inc. Phone: 541-465-8356. Fax: 541-465-4593. <josh@probes.com>.

Mycological Goods and Services

Mold Identification Services. We identify molds and other fungi for food technology, agriculture, air quality and academic needs. E-mail <microbe@pioneer.net>, home page <http://www.pioneer.net/~microbe/abbeylab.html>, phone 541-929-5984 or write Abbey Lane Laboratory, P.O. Box 1665, Philomath, OR 97370. [Steve Carpenter]

The International Commission on Penicillium and Aspergillus (ICPA) announces the availability of Aspergillus Reference Cultures. Eleven species, selected by ICPA members to represent the major characteristics of taxonomic importance in the genus, are described in an accompanying booklet. These may be used in teaching and/or by researchers needing to identify aspergilli in their own labs. The booklet and cultures are available in North America from ATCC (Contact: Mycology Department, American Type Culture Collection, 12301 Parklawn Drive, Rockville MD 20852-1776, USA; Fax 301-816-4365; Cost U.S. $220) and from CCFC/DAOM (Contact: Carolyn Babcock, Canadian Collection of Fungal Cultures, Eastern Cereal and Oilseed Research Centre, Agriculture and Agri-Food Canada, Ottawa, Ontario, Canada K1A 0C6; Fax 613-759-1924; Cost Can. $286). If you have questions about the culture set or booklet, contact Maren Klich, USDA, ARS, SRRC, P.O. Box 19687, New Orleans LA 70179 USA; Fax 504-286-4419; e-mail <mklich@nola.srrc.usda.gov>.

Positions Available

Postdoctoral Fellow in Morphometrics. Research Associate Position at the U.S. National Fungus Collections Available Immediately. Funds have recently been obtained for a 2-year research project on the systematics of fungi important to agriculture. Emphasis will be on use of morphometric analysis of microscopic characteristics to make distinctions between closely related species of smut fungi. Research material will be primarily herbarium specimens. Experience in morphometrics and statistics is essential as well as a training in use of high-quality compound and scanning electron microscopes. This position is available on October 1, 1996 at a salary of $37,094 per annum plus benefits. To apply send curriculum vitae, and three names of referees, preferably by e-mail to: Dr. Amy Y. Rossman, Systematic Botany and Mycology Laboratory, B011A, Rm. 305, 10400 Baltimore Ave., Beltsville, MD 20705, Fax: 301-504-5810. <amy@nt.ars-grin.gov>.

Doctoral Fellowships In Plant Biotechnology. The Plant Biological Sciences graduate program at the University of Minnesota will award two USDA National Needs Fellowships for doctoral students interested in Plant Biotechnology. The Fellowship awards provide an annual stipend of $17,000 for 3 years plus tuition waiver. An additional 2 years of support will be available from the graduate program. Applicants must be US citizens or US nationals and have an interest in training and a career in some aspect of plant biotechnology. Completed applications must be received by October 31, 1996. To obtain application forms and additional information please contact: Plant Biological Sciences Program Secretary, University of Minnesota, Department of Plant Biology, 220 Bioscience
Three-year postdoctoral position available in Ecology/Mycology starting Fall '96 or Winter '97. Work will combine field sampling, bioassays, experimental manipulations, and PCR-based identification methods to examine ectomycorrhizal community structure and function. Ideal applicants should have expertise and interest in most or all of the following areas: Ectomycorrhizae, Ecology, Mycology, Statistics, PCR methodology, Basidiomycete taxonomy. Applicants should send CV and brief cover letter by e-mail or standard mail to Tom Bruns, 111 Koshland Hall, Dept. of Plant and Microbial Biology, University of California, Berkeley, CA 94720-312. <boletus@garnet.berkeley.edu>.

Graduate Assistantship in Mycology, and Conservation Biology. The Department of Biological Sciences, Arkansas State University, invites applications for a research/teaching assistantship starting January 1997. The M.S. student will investigate the use of wood-decaying fungi in the formation of nesting cavities for primary and secondary nesters (e.g., woodpeckers, flying squirrels, and other birds) as a wildlife conservation technique in western Washington. The position will also include some teaching of undergraduate laboratories. The graduate assistant will receive an $11,400 stipend for a 12-month appointment. Applicants may obtain additional information on the research project and the graduate program at Arkansas State University at Jonesboro from: Dr. Martin J. Huss, Department of Biological Sciences, Arkansas State University, P.O. Box 599, State University, AR 72467-0599. Phone: 501-972-3082. Fax: -972-2638. <mhuss@navajo.astate.edu>.

The Department of Biological Sciences at Fordham University is offering two grant-funded research assistantships for qualified students seeking a M.S. or Ph.D. degree in microbial ecology. The stipend is $14,000 for a 12-month period and includes a full tuition waiver. The NSF-funded research program focuses on the ecology of natural habitats that are surrounded by urban-suburban land use where pollution inputs and exotic species introductions are changing community dynamics and ecosystem functions. Students interested in fungal-invertebrate interactions and soil nutrient cycling are especially encouraged to apply. There is considerable potential for a student to develop a dissertation that addresses issues of human-accelerated global change. Start date. June 1, 1997. For more information contact Dr. Margaret Carreiro, Calder Center, P.O. Box K, Armonk, NY 10504. Phone: 914-273-3078. <Carreiro@Murray.Fordham.edu>.

Postdoctoral Grants in Australia. The Grains Research and Development Corporation (GRDC) of Australia has a grant scheme for postdoctoral fellowships in research concerning the grains/oilseed industry tenable for up to 3 years at an Australian research institute. An Australian passport is not necessary for eligibility. Application forms will become available in September 1996 and the deadline is in November 1996. Fellowships should be tenable from July 1997. If you are interested in research aimed at applications of molecular biology for the control of fungal diseases of grain/oilseed crops and Sclerotinia diseases of peanut, canola and sunflower in particular, then please send an expression of interest and a CV. Contact: John Manners, The CRC for Tropical Plant Pathology, Level 5, John Hines Building, The University of Queensland, 4072, Australia. Fax: 61-7-33654771. <j.manners@botany.uq.edu.au>.

Graduate Opportunities. Potential graduate student interested in understanding in molecular evolution of fungal/plant interactions and in the evolution of mating type loci will be eligible for the doctoral fellowship listed below. UMN funds are also available. The project is to understand the evolutionary forces acting to maintain extreme variation at the mating type locus of Ustilago maydis, a fungal pathogen of Zea mays. A second project is to investigate the genetic and evolutionary interactions of maize and the fungus. Faculty and programs on the St. Paul campus of University of Minnesota offer broad opportunities for the study of fungi and fungal/plant interactions. Most recently, the Center for Community Genetics has been established with the purpose of studying plants' evolutionary interactions with other organisms. Faculty and graduate students from two colleges and four departments meet regularly, host speakers and discuss research in lively, open format. If interested contact: Georgiana May, Department of Plant Biology, UMN 612-625-1998. <gmay@maroon.tc.umn.edu>.

Graduate Student Assistantships. At Towson State University, we have openings in our MS program for students who will be supported fully with a graduate assistantship (includes tuition waiver and $8000 annual stipend). Students can get information from the website of the Biology Department at <http://www.towson.edu/~biology>. [Daniel Wubah]

Publications Available

* Fink, B. 1935. The Lichen Flora of the United States. One copy @ $20 (needs binding) and one copy @ $40. [John C. Krug, Department of Botany, University of Toronto, 25 Willcocks Street, Toronto M5S 3B2, Ontario, Canada. <johnk@rom.on.ca> or <jkrug@botany.utoronto.ca>]
A book listing all microbial cultures collected by the China Forest Culture Collection Center at the Chinese Academy of Forestry is now available. The publication is a collaborative effort of the Chinese Academy of Forestry, Chinese Academy of Sciences, and many other institutions. The culture medium is listed and all information is in both Chinese and English. The book will sell for $10.00 US. Contact: Zhipeng Zhao, 2234 Willett Dr., Laramie, WY 82070 USA. <zhaozp@uwyo.edu> or <lisf@uwyo.edu> or Dai Lianyun, Research Institute of Forest Protection, Chinese Academy of Forestry, Beijing 100091, Peoples Republic of China.

Magic Mushrooms Around the World: A Scientific Journey Across Cultures & Time by Jochen Gartz, Ph.D. (Translated from German by Claudia Taake, M.A.). Single copies are available for $22.95, plus $3.00 shipping. CA residents, add 8.25% sales tax ($1.65). Order from LUNA INFO SERVICES, 6160 Packard St., Los Angeles, CA 90035-2581 USA. Phone: 213-655-5440. Fax: 213-655-5440. <lis1@cris.com>.

New CBS Publications:
- List of Cultures Fungi and Yeasts, 34rd edition (1996), Hfl.35,D. The new edition includes a complete list of filamentous fungi, yeasts, and miscellaneous microorganisms present in the open collection. In addition lists of CBS numbers for filamentous fungi and yeasts and translations of other collection numbers to CBS numbers are provided. The publication also contains an extensive list of formulae of culture media.
- Culture Collections to Improve the Quality of Life (eds. Samson, R.A. et al.). Proceedings of the Eighth International Congress for Culture Collections. 520 pp. Hfl. 100,-

For more information contact: <info@cbs.knaw.nl>. [R. A. Samson, Head of Services and Applied Research, Centraalbureau voor Schimmelcultures]
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<td>Emeritus</td>
<td>$0</td>
<td>(benefits of Regular membership except <em>Mycologia</em>; $30 with <em>Mycologia</em>)</td>
</tr>
</tbody>
</table>

AREAS OF INTEREST: [Mark most appropriate area(s)]

- Cell Biology – Physiology (including cytological, ultrastructural, metabolic regulatory and developmental aspects of cells)
- Ecology – Pathology (including phytopathology, medical mycology, symbiotic associations, saprobic relationships and community structure/dynamics)
- Genetics – Molecular Biology (including transmission, population and molecular genetics and molecular mechanisms of gene expression)
- Systematics – Evolution (including taxonomy, comparative morphology molecular systematics, phylogenetic inference, and population biology)

PAYMENT:

- CHECK [Payable to The Mycological Society of America and drawn in US$ on a US bank]
- CREDIT CARD:       VISA       MASTERCARD

Expiration Date: __________________________

Account No.: __________________________

Name as it appears on the card: ________________________________________________________________