Newsletter of the Mycological Society of America

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February 15 — Deadline: Inoculum 51(2)
March 15 — Deadlines: MSA Research
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March 31 — Deadline: MSA 2000 abstracts
http://www.erin.utoronto.ca/~janderso/
msa/
April 1— Deadlines: MSA Distinctions,
Student Awards
April 3 — Deadline: Mentor Awards
July 29-August 3 — MSA 2000,
Burlington, VT
July 25-29 — MSA 2001 Salt Lake
June — MSA 2002, Corvallis OR

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Ascors in Venezuela: Workshop memories
by Mary Palm

Former MSA president Dr. Palm (of the Beltsville USDA-APHIS
lab) shares her and fellow August Asco workshops’ happy
memories of Venezuela before the devastating floods and landslides
of December.

Late last August (1999), two groups of lucky mycologists were able
to attend NSF funded basidiomycete and ascomycete workshops held
prior to the III Latin American Mycological Congress in Caracas,
Venezuela. Instructors Don Pfister and Jack Rogers both stressed
that it is essential to study these organisms throughout the year in order
to understand them; therefore the courses were designed to maintain
and increase taxonomic expertise of those who study in these areas of
high biodiversity. The 25 students in each workshop had traveled
from a wide variety of Latin American countries including Argentina,
Chile, Cuba, Costa Rica, Mexico, Panama, Venezuela, with a few also
tending from Spain, Denmark, and the USA.

“Students” included practicing mycologists as well as graduate and
undergraduate students and a number of Venezuelan mycologists
who work with plant pathogens at the Venezuelan Department of Agricul-
ture. As Fernando Fernandez, one ascomycete instructor from Ven-
ezuela, noted, “I was really impressed by the level of knowledge of
ascomycetes shown by many of the participants.”

Introductory lecture and laboratory presentations occupied the first
day and a half of the workshops, both held at the attractive Simón Bolivar University. We then boarded two buses, including the infamous blue bus (see photo), for a trip to the Rancho Grande Biological Station in the Henry Pittier National Park. Rancho Grande serves as a
biological station for the agronomy school at Universidad Central de Venezuela in Maracay. Over the next two days, we collected on and around several trails in the cloud forest. There was ample moisture in the forest and a number of interesting ascomycetes and ascomycetous anamorphs were collected (I know that the basidio people also collected some interesting fungi). Many of us remember Meredith Blackwell’s excitement over the eversion of the quellkorper in what she recalls as “…the fungus close to what Margaret Barr calls Acanthostichia in the Nitschkiaceae (Sordariales, p. 364 in the text). The Quellkorper is within the peritheciurn and it swells to erect and open the cleistothecium in a regular way. Some species also have a subiculum which absorbs water very quickly (water uptake increases quellkorper eversion). The other neat thing is that the subiculum is home to many small invertebrate animals—especially nematodes."

I have also received comments from two of the students. Marcela Soto (an A. Romero student from Argentina) wrote, “For me it was wonderful to have the chance to work along with specialists of each group. This enriched me at the personal level as much as at the professional level. In my particular case, it was additionally very useful to meet so many wonderful people and to learn new ways to work and think. I sincerely appreciate the opportunity that was given to me when I was granted one of the fellowships for attending.”

José Hernández (a J. Hennen student from Argentina) expressed, “I was impressed with the beauty of the rain forest, the flora and fauna, and appreciated the opportunity to visit and collect fungi in such an incredible place. I was also impressed with the hospitality of the Venezuelan people in general and in particular the staff of the Universidad Simón Bolívar. The university is well-organized with a beautiful campus and was a very enjoyable place to study and to attend the course and the Congress which followed. I want to take this chance to say thank you to NSF and the organizers for the opportunity to attend the workshop.”

We all join him in extending our sincere appreciation to NSF, to those that made this workshop possible, and especially to Teresa Iturriaga, who took care of all of the details needed to make the workshop a success.

After having such a wonderful experience it was painful to hear about the recent devastation and hardship in Venezuela. As Meredith Blackwell wrote “As I sit here remembering my first experience I am also thinking of the devastation the region has suffered.”

News from Gioconda San Blas (former president of ALM, Venezuela) and Teresa Iturriaga (former secretary general of ALM, Venezuela) indicate that they and their families are fine but as San Blas writes “Thanks for your concern. We, our family, our belongings, our institute, are OK. But the country is in very bad shape after the flood. Since Venezuela’s main airport and port are located in the disaster area, we have been almost incomunicado to the outside world since December 15. It is only now that the airport (where you entered the country last August) is slowly recovering and starting operations. The whole beach zone was destroyed, some 30 thousand people died, and an additional 200 thousand lost their houses. It was really catastrophic. Universidad Simon Bolivar (where we held the LA Mycological Congress) has (had) a campus in the area, where they gave courses in 15 disciplines. Of the 11 buildings conforming the campus, 9 were completely destroyed and the 2 remaining were severely damaged. This has been the worst ever natural catastrophe in Venezuela’s recorded history.”

And as Teresa writes, “I am only today reading my Email, since I have been working at different centers helping with this devastating situation we have had in Venezuela. Since last
The blue bus - front row (l to r) Pavel Lizon, Mario Rajchenberg, Josepa Gene, J. Guarro, Javier Collado, Julieta Cearranza, Esperanta Franco
middle row Fernando Fernandez, Sharon Cantrel, Pidal Vidol, Jean Lodge, Dick Hanlin, Jack Rogers, Nils Hallenberg, Jose Hernandez, Mary Palm, Emory Simmons, Peter Robert
last row - Tim Baroni, Karl-Henrik Larsson, Felipe San Martin, Don Pijster

week, Simon Bolivar University has lodged 160 people who lost their homes, and we have been working organizing food, medical attention, and information.” It seems that in this situation the news media have not exaggerated, and now it appears that the devastation is even worse than reported.

To the Mycological Society of America ...

On the Occasion of Becoming a “Distinguished Mycologist.”

I would like to thank the members of the society, the Awards committee and all those who so kindly worked and wrote on my behalf. To receive an award from ones peers at a National meeting is a wonderful experience, and to receive this one in particular is an experience of a lifetime. It does take almost a lifetime to attain these rarefied heights – heights that seemed Olympian when I first ventured into the arena of professional mycology and met the then most distinguished mycologists. My first experience with one such DM was meeting Cap Weston. My mentor at McGill, Charles Wilson, had been a Weston student, and had done a post-doc with Ralph Emerson, also a Weston student, and I had been fully exposed to the wonderful nature of this great man. At my first national meeting in 1955, Charles took me to meet Cap. He was sitting in a corner and Charles led the way to introduce me. I must say that Cap was a tall man, and he had very large feet- a point of importance as you will see. I was a nervous graduate student and as I approached Cap, my feet bumped into what I thought was a small ledge upon which Cap’s chair was placed, so I stepped up on the ledge. Cap, in all his graciousness said that he would be glad to rise to greet me, if I would only get off his feet! Not, I must admit, the best way for a young mycologist-to-be to meet one of the great men!

The following year, I presented my first paper at the MSA meeting in 1956. Charles was well aware of the standards held by Cap and Ralph Emerson as to the way students should present papers and he had drilled me, and drilled me, and drilled me until I could recite the talk, with feeling, in my sleep. Thank heavens that he did, as I stepped up to the podium I glanced at the front row – and there was an array of DMs that was terrifying to this shaking speaker – both Ken Bessey, C. Alexopoulos, J. Karling, R. Emerson, L. Olive, F. Sparrow, J. Couch, F. Wolfe, and a galaxy of other lights. I really cannot remember actually giving the talk – I know I

To end on a more positive note, in addition to seeing lots of interesting fungi – we saw beautiful birds, monkeys swinging through the trees, and incredible vegetation. Meredith Blackwell and Matias Cafaro (an R. Lichtwardt student from Argentina) were lucky enough to happen upon a very large, speckled snake. We also saw a memorial for a graduate student who died after falling from a tree in the forest while doing his research. We ate great food and drank fresh fruit juices prepared by the Station’s manager.

All in all, the workshops gave both students and instructors alike an opportunity to interact, a better appreciation for the diversity of fungi in the tropics, and a desire to return to the Biological Station to collect in the future.
must have done because the time had passed and I was finished and it was then that I finally realized the value of thorough preparation because that talk led to my post-doc with Ken Raper.

It has been 48 years since I was asked by the Botany department chair at George Washington University to feed a slime mold over the weekend—an act of nutrition that got me hooked on things small and pale and filamentous, an addiction that I have never regretted and intend to feed for many years to come. But it would be foolish of me to believe that it has been only my obsession with fungi that has brought me to this point in my life. The major, the greatest aspect of my career has been the interaction with students; students just entering college, advanced undergraduates working in my lab or taking my courses, graduate students who tolerated my ignorance and dilettantism and got down to the real work while managing to keep my ego under control, the post-docs who came to learn and gave more than they received—all have been the sanctuary to which I could return after the usual frustrations of administration and who have made this fungal journey one of joyous unlimited exploration.

Once again, thank you  

Ian K. Ross

~~~ YEAR 2000: CALL FOR PAPERS ~~~

The Annual Meeting of the MYCOLOGICAL SOCIETY OF AMERICA will be held on JULY 30-AUGUST 3 in BURLINGTON, VERMONT

The Society cordially invites those who are participating in a symposium or who wish to present a paper or poster to visit our new abstract submission web site:

http://www.erin.utoronto.ca/~janderso/msa/

To be listed on the program each contributed paper, poster and symposium presentation must be submitted separately, and an abstract must accompany each submission.

Graduate students must indicate whether they wish to be considered for a prize for the oral presentation or poster that is most outstanding in mycological content and manner of presentation.

Complete instructions and full abstract searches now available on the web-site.

Submission Deadline is March 15, 2000

Questions should be directed to

Jim Anderson <janderso@credit.erin.utoronto.ca> 905-828-5362  FAX 905-828-3792)
**Letter from the President**

**Dear friends and colleagues:**

Barring the unforeseen, you should be receiving this issue of *Inoculum* in January-February, 2000. Now that you have received the roster of Committees in the November-December *Inoculum* (held up due to a delay in completing the *Mycologia* Index for volume 91), we should press forward on MSA Committee business and get some things done. If you are in doubt about your timetable or your duties, please do not hesitate to ask me or Maren Klich, MSA Secretary, for direction. Do not wait to be directed!

In the past two months, three really interesting opportunities have arisen for the MSA to make a difference - not just the weekly, routine-though-always-unexpected MSA crises that erupt with great urgency. The first of these opened up as the WTO meeting in Seattle approached in November. We had the opportunity to nominate a MSA mycologist to sit on a new Invasive Species Advisory Committee (ISAC) for the U.S. Department of the Interior. The purpose and role of the ISAC, under Executive Order 13112, are to provide advice to the Invasive Species Council on a broad array of issues related to preventing the introduction of invasive species and providing for their control and minimizing the economic, ecological, and human health impacts that invasive species cause. The Council is Co-chaired by the Secretary of the Interior, the Secretary of Agriculture, and the Secretary of Commerce. ISAC will consist of no more than 25 voting members, to be U.S. citizens. Members will be appointed by the Secretary of Interior, in consultation with the other members of the Council. We hope that our nominee will be selected.

Even though the WTO has been in the spotlight, scientific oversight on unintentional introductions of alien organisms in the course of global trade has not been an issue that has gotten much attention. After much discussion and deliberation, the MSA Council approved a set of amendments to the World Trade Organization’s Agreement on the Application of Sanitary and Phytosanitary Standards (SPS Agreement) sent to us by Faith T. Campbell, of the American Lands Alliance. Other endorsing organizations included the Ornithological Council and the Center for Marine Conservation. Council Members, James Worrall and Mary Palm were extremely helpful in sorting out the facts as we dealt with this complex issue. As Mary Palm pointed out, “The main additions that this group has suggested are very important for the fungi since we have discovered so few of the fungi, and (we) have little or no information on biology, etc. for most fungi. These additions to the agreement will allow expert opinion etc. in making risk assessments and will also allow assessing the risk of certain pathways or commodities, e.g. the solid wood packing material - where we don’t know what fungi might be there but its likely there are fungi that pose a potential risk. The SPS agreement specifies that countries should use risk assessments of specific organisms - and this is where it is difficult with fungi - i.e., if we can’t prove it is bad then we have to assume its OK, which as we all know is not necessarily the case...The amendments address issues that are directly related to our gaps in knowledge of the plant inhabiting fungi.” It may turn out that some U.S. regulation intended to keep pests out is overturned by a WTO decision, which could allow preventable introductions of potentially damaging species. We all know how fractious the Seattle WTO meeting turned out to be. WTO officials will begin meeting with individual countries after Christmas to discuss where the WTO will try to go next. All trade negotiations are likely to be long and complicated.

The second opportunity for the MSA to mix with the outside world was the first ever Presidents’ Summit, hosted by the American Institute of Biological Sciences at the Airlie Center in Warrenton, VA, November 11-14, 1999. AIBS is an umbrella organization with 69 member societies, representing 150,000 scientists; representatives of 57 societies were at the Summit. Member societies include the MSA, Ecological Society of America, Entomological Society of America, Society of Systematic Biologists, Torrey Botanical Society, U.S. Federation for Culture Collections, Society for the Study of Evolution, Botanical Society of America, and the American Phytopathological Society, but societies representing every area from Poultry Science to Ecological Economics are also members. I represented the MSA at the meeting (Bob Pohlad is our AIBS Council Representative) and the MSA was one of 16 sponsors, although the Packard Foundation provided substantial support and all my expenses were covered by AIBS. The meeting was extraordinary in two respects. First, I rediscovered AIBS. Many of us think of AIBS as the organizer of meetings in which we participated in the past. AIBS has much more to offer the MSA, namely legal and business advice, graphic and logistical support for our home page, a professional policy representative in Washington, and an exciting new venture to bundle journals, facilitating electronic publication for small societies like the MSA.

Second, the meeting, opened by Rita Colwell* and closed by E. O. Wilson, offered an opportunity to catch up in breaking areas of research funding, public policy and education. After stimulating panel presentations, we broke
up into facilitated discussion sessions. After two days of very hard work, we agreed on a set of policy priorities. The commitments on specific plans of action made by the group include:

1. Increase and diversify research funding by demonstrating the benefits of basic and applied research;
2. Improve communications between biologists and the public;
3. Increase biologists' involvement in science-based public policy; and
4. Safeguard science education in the arena of public opinion and support.

* Related to all this is the new $50 NSF "Special Competition" for grants on Biocomplexity in the Environment: Deadline for filing letters of intent is 31 January 2000, the proposal deadline is March 1, 2000. The anticipated date of awards: September 2000. See the full text at <http://www.nsf.gov/pubs/2000/nsf0022/nsf0022.htm>

One very tangible outcome of the summit will be a workshop on biological collections and databases to be held at the Smithsonian Institution tentatively just before the AIBS 2000 Meeting in March. I am working with Brian Boom (New York Botanical Garden) of the Association of Systematics Collections and a small committee of others in getting this organized. We hope to have representatives of all kinds of collections and NSF together in one room in order to discuss infrastructure funding in an era of expanding research in genomics, biodiversity and biocomplexity.

Third, and last, on December 3-4, I attended a Council Meeting (at the Royal Society) and the Annual General Meeting of the British Mycological Society as the guest of the BMS President, Dr. Stefan Buczacki. I presented the Annual Lecture, "History, process and diversity: Looking forward to a new century of fungal systematics" at the Linnean Society. I discussed in depth with BMS senior officers our mutual interests and concerns. Watch for a new BMS publication, FIELD MYCOLOGY. The BMS main meeting on Tropical Mycology will be held at John Moores University, Liverpool, 25-29 April, 2000; several MSA members will be contributing and the MSA has provided sponsorship. Also, watch for new liaison relationships between our two societies. We have our sights on a joint meeting, perhaps in 2003 with an exciting and inclusive theme. Stay tuned.

All best wishes for a happy and productive Year 2000!

Linda M. Kohn, President
Mycological Society of America

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**MSA Council Email Express**

Since the end of September, Council has taken the following actions via Email:

*Approved by Council*

— Scott Redhead and Robert Roberson as new Associate Editors of *Mycologia*

— MSA agreed to endorse several amendments to the Agreement on Application of Sanitary and Phytosanitary Standards, part of the World Trade Organization agreements.

— Nominated Jeff Stone as the MSA candidate for membership on the Invasive Species Advisory Committee (US Department of Interior)

— $500 in travel expenses for President Linda Kohn to attend the AIBS Presidents' Summit in Warrenton VA

— $2000 to support the British Mycological Society Symposium on Tropical Mycology in 2000. This symposium has a number of contributors from the Americas and is on a topic of special interest to MSA.

— payment of the Karling Lecture honorarium in 2000 without requiring a paper for *Mycologia*.

— a motion to increase symposium funding from the usual $3000 to $7000 for the year 2000 meeting. This allows usage of the $20 surcharge already approved for full members participating in this meeting.

The following three items, involving minor changes to our new Constitution/Bylaws, have been passed by council. Society members will be asked to vote on these issues on the spring ballot.

1. The name of the Senior Research Awards Committee will be changed to the Research Awards Committee. This new committee administers the Smith and Martin-Baker awards. The Smith bequest was to support research at all levels, not just senior scientists.

The new committee name is in keeping with this intention.

2. The size of the International Affairs Committee will be changed to 4 to 5 members, each serving 4 year terms (from 4 members in the current Bylaws). This gives the chair some leeway in committee size.

3. *Mycologia* Associate Editors will serve 3-year terms with one renewal permitted (maximum term, 6 years). This is a change from the current Bylaws which stipulate a 2-year term with a maximum of two renewals. This comes at the request of the current Editor-in-Chief who finds it difficult to replace Associate Editors on the current 2 year cycle.

— Maren Klich
Secretary

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**Officer & Committee Reports**
From the Editor ...  

The roll-over to the new century might well have slipped by smoothly had your editorial worry wart not prepared for the big nonevent by upgrading to byte-heavy Y2K compliant programs. The brain of the editorial computer became so packed with extraneous knowledge that most programs slowed to a virtual standstill leading to a slight delay in completion of this issue. Newly refreshed, we remind you that the deadline for the second issue of the millennium is February 15 and wish everyone a most wonderful next thousand years.

On the Embarrassing additions, omissions and corrections front: we omitted the “co” from an Email address last April. This was finally noticed by Dr. Royall Moore when he tried to access TAXY using the wrong address. Be alert for the corrected address in the Mycology On-Line directory.

Marilyn Shaw, alerting us to an error in Jack Murphy’s report in the ‘upper right quadrant’ of *Inoculum* 50(5) page 21: the correct year of the NAMA Copper Mountain foray was 1997, not 1977.

A caption was inadvertently omitted under Teresa Iturriaga’s photo of the Ascomycete workshop participants in *Inoculum* 50(6): 15. The revelers included (left to right) Pavel Lizon, Meredith Blackwell, Rick Weinstein, and Don Pfister.

-- Lorelei Norvell

MSA BUSINESS continued

MSA Foray -- 2000

The annual MSA foray will be held on Sunday, July 30. We will collect in the Indian Brook Reservoir Park (IBRP), located about eight miles from the UVM campus. Between 500 and 600 acres, the IBRP has a nice variety of woodlands and mixed terrain. The park will be described in more detail in the next *Inoculum*.

Registration is required for the foray, limited to 135 participants. The cost of $30 per participant also covers a boxed lunch and additional beverages. For questions or more information, contact Don Ruch, Foray Coordinator, at 765-285-8829 or <druch@bsu.edu>.

-- Don Ruch

The MSA Committee on Teaching NEEDS YOUR HELP!

Have you developed or are you teaching labs using fungi to illustrate various biological concepts?

Have you found more efficient ways of cultivating fungi?

Have you discovered new ways to demonstrate various fungal structures or processes?

If you answered yes to any of these questions or if you know of other interesting uses of fungi in the laboratory, the MSA Committee on Teaching needs your help.

The Committee is hosting an informal poster session on FUNGI IN THE LABORATORY at this year’s meeting at the University of Vermont. In order for this session to be successful, we need your participation.

If you are using fungi in interesting ways in the laboratory or know of such uses, please consider presenting a poster. Remember, although you may think that what you do in the teaching laboratory is common knowledge, your colleagues may be totally unaware of these techniques.

To help organize the session, please submit a short abstract to Don Ruch, chair of the committee. (Mail to Dr. Don Ruch, Dept. Biology, Ball State University, Muncie, IN 47383 or Email to <druch@gw.bsu.edu>.)

All abstracts will be published in a booklet to be distributed at the meeting. Since this is an informal poster session, these presentations will not count against any research presentations.

Donald G. Ruch, Chairman MSA Teaching Committee
~ Mycological Society of America 2000 ~

Awards Announcements and Call for Nominations

**MSA Distinctions**

For over 20 years the Mycological Society of America has been recognizing excellence in research, teaching and service among its membership by awarding honors of distinction such as the Distinguished Mycologist Award, the Alexopoulos Prize, and the William H. Weston Award for Excellence in Teaching. This year the MSA Council, with help from the newly formed Distinctions Committee, has established a new honor, the MSA Fellows award, to be presented each year to two outstanding mycologists midway through their distinguished careers. Details on awards criteria, requirements, and the nomination process are provided below. Please help us to recognize and honor our distinguished colleagues and mentors by submitting nominations for these awards to the Distinctions Committee.

Note: The Distinctions Committee is responsible for evaluating nominees and selecting recipients of the Distinguished Mycologist Award, the MSA Fellows awards, the Alexopoulos Prize, and the William H. Weston Teaching Award. The committee consists of four members who are previous winners of one or more of these awards. Committee members are not eligible to nominate or be nominated for these awards.

Members of the Distinctions Committee:

Chair, Dr. Dennis E. Desjardin - Dept. of Biology, San Francisco State University, 1600 Holloway Ave., San Francisco, CA 94132. Phone: (415)338-2439. Fax: (415)338-2295. Email: ded@sfedu

Dr. Brent Heath - Dept. of Biology, York University, 4700 Keele St., Toronto, Ontario M3J 1P3, Canada. Phone: (416)736-5511. Fax: (416)736-5698. Email: brent@yorku.ca

Dr. Jack D. Rogers - Dept. Plant Pathology, Washington State University, PO Box 646430, Pullman, WA, USA 99164-6430. Phone: (509)335-9541. Fax: (509)335-9581. Email: rogers@wsu.edu

Dr. Ian Ross - Dept. of MCD Biology, University of California, Santa Barbara, CA, USA 93106. Phone: (805)893-2784. Fax: (805)893-4724. Email: ross@lifesci.lscf.ucsb.edu

**Distinguished Mycologist Award**

Awarded annually to an individual who has been outstanding in his or her mycological career. This is one of the highest awards to be bestowed by the MSA and is intended to mark a distinguished career. Nominees for the award will be evaluated on the basis of quality, originality, and quantity of their published research, and on the basis of service to the MSA or to the field of mycology in general.

**Application Deadline:** 1 April 2000

**Requirements:** (1) The nominee must be a current member of MSA or eligible for emeritus membership. (2) The nominee must have received his or her terminal degree at least twenty years prior to January 1 of the year in which the award is given. Honorary degrees shall not be considered in determining the time interval. (3) An individual may receive the Distinguished Mycologist Award only once. (4) Self nomination is not allowed. (5) Nominators must also be members of the MSA.

Documents required: The nomination folder should contain: (1) A nominating letter, including a detailed evaluation of the nominee's outstanding contributions to Mycology. (2) A current *curriculum vitae*. (3) A list of the nominee’s publications. (4) Up to five additional letters of support.

**Apply to:** The nominator should prepare four copies of the completed nomination folder and send one copy to each of the four members of the committee (addresses above). Each copy of the completed application must include all required documents listed above.

*Note:* The Chairperson of the Distinctions Committee will appoint ad hoc committee members in place of committee members whose major professor may be nominated for the award. The committee may choose to make more than one award or no award in a given year, if it is appropriate. Presentation of the award, a plaque, will take place at the awards ceremony at the annual meeting of the MSA. The recipient will be notified in time to plan to attend the presentation. The name of the winner of the award will be published in *Inoculum*.

**MSA Fellows**

Nominees will be evaluated primarily on the basis of quality, originality, and quantity of their published
research, and on the basis of service to MSA or to the field of mycology in general.

**Application Deadline:** 1 April 2000

**Requirements:** (1) The nominee must be a current member of MSA. Those wishing to nominate a non-member should encourage the potential candidate to join MSA prior to nomination. (2) The nominee must have received his or her Ph.D. 10-25 years prior to January 1 of the year in which the award is given. Under exceptional circumstances an outstanding candidate lacking a Ph.D. may be considered. (3) An individual may receive the MSA Fellows award only once. (4) Self nomination is not allowed. (5) Nominators must also be members of the MSA.

**Documents required:** The nomination folder should contain: (1) A nominating letter, including a detailed evaluation of the nominee’s outstanding contributions to Mycology. (2) A current curriculum vitae. (3) A list of the nominee’s publications. (4) Up to five additional letters of support, at least 2 of which are from MSA members.

**Apply to:** The nominator should prepare four copies of the completed nomination folder and send one copy to each of the four members of the committee (addresses above). Each copy of the completed application must include all required documents listed above.

**Note:** Although the committee seeks to make two awards annually, it may choose to make one or no award in a given year in the event that there are insufficient suitable nominees. Presentation of the award, a plaque, will take place at the awards ceremony at the annual meeting of the MSA. The recipients will be notified in time to plan to attend the presentation. The names of the winners of the award will be published in *Inoculum*.

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**Alexopoulos Prize**

Awarded annually to an outstanding “young” mycologist based on evaluation of his or her research. The nominees will be evaluated primarily on the basis of quality, originality, and quantity of their published work.

**Application deadline:** 1 April 2000

**Requirements:** (1) The nominee must be a current member of the MSA. (2) Nominees are to have received their last degree within the ten year period immediately preceding January 1st of the year in which the award is given. This will normally be an individual who received his or her degree 7-10 years previously. (3) An individual may receive the Alexopoulos Award only once. (4) Self nomination is not allowed. (5) Nominators must also be members of the MSA. (6) Nominees who are not chosen for the prize in the year in which they are nominated will be reconsidered for up to two additional years (within the 10-year limit). The Distinctions Committee Chairperson will request updates of the nominee’s materials.

**Documents required:** The nominator should request that the nominee prepare four copies of the following two items and send one copy to each of the four members of the Distinctions Committee: (1) a current curriculum vitae; and (2) 7-10 reprints of the nominee’s most significant papers. In addition, (3) a letter from the nominator that states the nominee’s merits, and (4) at the nominator’s discretion, up to five additional supporting letters should be sent directly to the Distinctions Committee Chairperson, who will collate and distribute them to committee members.

**Apply to:** The Distinctions Committee (addresses above).

**Note:** The award consists of a plaque and a monetary award derived from the annual interest on the principle deposited in the MSA Alexopoulos Fund. Presentation of the award will take place at the awards ceremony at the annual meeting of the MSA. The recipient will be notified in time to plan to attend the presentation. The name of the winner of the award will be published in *Inoculum*.

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**William H Weston Award for Excellence in Teaching**

Awarded annually to an outstanding teacher of mycology. However, if none of the nominees meets the standards of excellence acceptable to the committee, an award need not be made.

**Application deadline:** 1 April 2000.

**Requirements:** Awardee preference should be given to active teachers of either graduate or undergraduate courses in mycology. No preference should be made according to candidate’s age, sex, academic rank, or type of institution (e.g., liberal arts college, agricultural school, medical school, junior college, etc.) A nominee’s folder should be compiled by a responsible, qualified person who knows the nominee. The nominator (or person designated by the Distinctions Committee Chairperson in consultation with the committee, the nominee, and the nominator) should prepare the nominee’s folder.

**Documents required:** The nomination folder should contain: (1) a current curriculum vitae, including courses taught in mycology, plant pathology and related areas. (2) A list of graduate students with research (thesis) topics, degrees and dates, publications, and current addresses. (3) A list of publications related to the teaching of mycology; textbooks; teaching seminars, symposia or workshops given by the nominee to
either lay or academic groups; and national, regional, state or local committees, panels, etc., on teaching. (4) A statement from the nominee on teaching philosophy, i.e., what the nominee personally believes it takes to make an excellent teacher, what the candidate is trying to accomplish in teaching mycology, and how various teaching techniques and strategies help to accomplish this goal. (5) A list of previous awards or recognition for outstanding teaching. (6) Evaluation of the nominee’s teaching is to be completed by the folder compiler. This section should contain: solicited and unsolicited letters from students and colleagues who have taken or audited the nominee’s courses; course evaluation forms; and any other information documenting teaching excellence. Letters of evaluation should address the nominee’s interest in teaching, enthusiasm for the subject, special attributes, innovative and special techniques, ability to present clearly ideas or concepts, capacity to motivate students, concern for students, ability to relate to students, and the characteristic of going above and beyond normal teaching duties. The nominator should contact a minimum of three former students, listed by the nominee, requesting letters of evaluation.

Apply to: One copy of the nomination folder containing all required documents listed above should be sent to the Distinctions Committee Chairperson (address above).

Note: The nomination folder of unsuccessful nominees will be retained by the Distinctions Committee for two years, and the nominee will have the option of updating or adding to the folder each year. Presentation of the award will take place at the awards ceremony at the annual meeting of the MSA. The recipient will be notified in time to plan to attend the presentation. The name of the winner of the award will be published in *Inoculum*.

**Student Awards**

Members of the MSA Awards Committee

**Margaret E. Silliker**, Chair — Dept. of Biological Sciences, DePaul University, 2325 North Clifton Ave, Chicago IL 60614 USA <msillike@wppost.depaul.edu> 773-325-2194 Fax 773-325-7596

**Laurnaine Hawkins** — Pennsylvania State University at Mont Alto, Mont Alto, PA 17237-9703 USA <lk1@psu.edu> 717-749-6237 Fax 717-749-6069

**Joseph W. Spatafora** — Dept. of Botany and Plant Pathology, 2082 Cordley Hall, Oregon State University, Corvallis, OR 97331-2902 USA <spatafoj@bcc.orst.edu> 541-737-5304 Fax: 541-737-3573

**Wenda A. Untereiner** — Brandon University, Botany Dept, Rm. 3-9 J.R. Brodie Science Centre Brandon, Manitoba R7A 6A9 CAN <untereiner@brandonu.ca> 204-727-9603 Fax: 204-728-7346

**MSA Graduate Awards**

Two MSA Graduate Fellowships of $2,000 each, one additional $2,000 award (the NAMA Memorial Fellowship), and one $1000 award (the Backus Award) are awarded annually to promising graduate students in mycology. Applicants are evaluated on the basis of their scholastic merit, research ability, and promise shown as a mycologist. The Fellowship stipends are intended as supplementary grants and may be used by the recipients in any way to further their graduate studies. They are awarded in addition to any fellowship or assistantship support from other sources.

Funds available: Three awards of $2,000 each and one of $1000.

Application deadline: 1 April 2000

Restrictions: (1) Applicants must be student members of the MSA; (2) Applicants must be candidates for the Ph.D. and resident during the tenure of the fellowship in a university in the United States or Canada; (3) Previous MSA Fellows are not eligible; (4) The NAMA Fellowship comes with the stipulation that the awardee prepare an article for *Mycologia*.

Documents required (four copies): (1) A curriculum vitae that includes a paragraph concerning the student’s training in preparation for the proposed work. (2) A detailed plan of study. The text of the proposal should be no longer than five pages, single-spaced. See below for suggestions. (3) Two letters of recommendation, one of which is from the student’s advisor. (4) Graduate school transcripts showing courses taken, grades received, student Social Security number and Student ID number. Xerox copies are acceptable if signed by the advisor.

Suggestions for the Plan of Study: (1) Use a one paragraph abstract at the beginning. (2) An introduction should explain what you want to do and why it is interesting/impornt. (3) A methods section should convince the reader that the project is feasible. (4) A discussion section should explain results and significance. (5) Be concise. Use double spacing between paragraphs to make reading easier. Use section heading to make the organization easier to follow.

Apply to: Prepare four copies of the
Student Award Application guidelines, concluded
completed application and send one copy to each of the four members of the Awards Committee: Drs. Margaret Silliker (chair), Lauraine Hawkins, Joseph W. Spatafora, and Wendy A. Untereiner. Each copy of the completed application should include all four types of information listed above.

NOTE: The chairperson will appoint an ad hoc member to replace any committee member who has a student applying for a fellowship or who otherwise feels a conflict of interest. The winning applicants will be notified upon selection (usually within four weeks of the closing date for applications) so that they may plan to attend the awards presentation at the annual meeting. Those applicants not notified within this time were not selected as awardees, but all applicants will be notified of their status. The stipends are awarded after confirmation of university registration.

**MSA Graduate Research Prizes**

Two MSA Graduate Research Prizes of $100 each are awarded annually to the two best research papers in mycology presented orally by graduate students at the annual MSA meeting. Two MSA Graduate Research Prizes of $100 each are awarded annually to the best student posters in mycology, presented by graduate students at the annual MSA meeting.

**Requirements:** (1) The applicant must be a member of the MSA. (2) Persons eligible for a Graduate Research Prize are MSc or PhD candidates or those who have been awarded the degree within one year of the annual meeting. (3) Previous recipients of either category of Graduate Research Prize are not eligible for a second award.

**How to apply:** An individual should apply for consideration for a Graduate Research Prize by so indicating on the 2000 Abstract Form for the MSA meeting. Application may be made for either but not both categories of Graduate Research Prizes. A student can apply for and receive both the Graduate Fellowship and a Graduate Research Prize. Include Social Security number and Student ID number.

**Evaluation:** The Awards Committee will evaluate applicants on the basis of significance of the work, creativity, appropriateness of the methods, clarity of presentation, and validity of conclusions. An effort will be made to send at least two members of the committee to each oral presentation and for all members to view the poster competition. Ad hoc members of the Awards Committee will be appointed by the Chair to avoid a conflict of interest or to facilitate the judging. These prizes will be announced at the Awards ceremony.

**Previously Announced Awards Deadlines**

The previous issue of Inoculum [50(6): 13-14] contains complete instructions for the Smith and Martin-Baker Research Awards and Mentor Student Travel Awards. Only summaries of critical information are provided below.

**Alexander H & Helen V Smith Research Fund**

**Application Deadline:** March 15 2000

**Documents Required (one copy):**

(i) proposal indicating how the study of AH Smith specimens and manuscripts will advance the applicant’s work

(ii) estimated budget to cover all or part of the anticipated expenses

(iii) current curriculum vitae

**Send to:** Committee Chair Dr Timothy Baroni, Dept of Biological Sciences PO Box 2000 SUNY College at Cortland, Cortland NY 13045 <BaroniTJ@Cortland.edu>

**Martin-Baker Endowment Fund**

**Application Deadline:** March 15 2000

**Documents Required (four copies):**

(i) curriculum vitae with publication list and alternative support sources

(ii) (up to) 3 single-spaced page research proposal

**Send to:** Dr. Kenneth Wells, 601 Indian Camp Creek Rd, Hot Springs, NC 28743 <kwells@nclink.net>.

**Mentor Student Travel Awards**

**Application Deadline:** April 3, 2000

**Documents Required (four copies):**

(i) abstract of paper or poster (note which)

(ii) curriculum vitae with telephone, fax and Email addresses + information on any past Mentor Travel Award(s) + contact address for matching funds verification (if available from home institution)

(iii) one page research project description including how award will further research/course of study

(iv) letter of support from major professor addressing student’s abilities & potential and briefly summarizing the student’s current research.

**Send to:** Committee Chair Dr Josephine Taylor, Dept of Biology, Box 13003, Stephen F Austin State University, Nacogdoches TX 75962 USA <jtaylor@sfasu.edu>.
Peripatetic Mycology

During the III Latin American Mycological (ALM) Congress in Caracas (27-31 August, 1999), American rust taxonomists met in two symposia (Overview of Rust Knowledge in the Western Hemisphere I and II) and in a post congress workshop (Planning for Coordinated Rust Taxonomy Research in the Americas) organized by José R Hernández and Joe F Hennen and funded by the Botanical Research Institute of Texas (BRIT).

The Symposia gave the opportunity for each participant to present their current research efforts and provided the basis for future work. The goals of the Workshop were to coordinate communication, research efforts, and the sharing of collections and literature in order to further knowledge of the rust fungi of the Americas.

As a result of the workshop, Centers of Study were designated in each of the countries to serve as resource centers in an overall network for rust research. Future production of references (in print and on the web) on rusts of the Americas that include high-quality illustrations was also emphasized, since few of the available references include photomicrographs. Another goal of the group is to train additional students in rust taxonomy, therefore future meetings will include forays and teaching workshops. The participants expressed their appreciation to the organizers of the III ALM Congress, especially to Teresa Iturriaga for her many efforts in making this event a success.

— José R Hernández & Mary E Palm.

Many MSA members attended the IXth International Congress of Mycology, held as part of the International Union of Microbiological Sciences meeting in Sydney Australia, in August 1999, including many scientists from the United States and Canada.

After the meeting, John Pitt, the well-known Penicillium taxonomist who has so often visited his colleagues in other countries, took the opportunity to organize several outings as “Pitt’s Personal Tour of Australia”. The trip to the wineries of the Hunter Valley included no fewer than five Alexopoulos Prize winners! Despite a wounded leg, John led us all on a walk along the coastal cliffs, with lots of botanizing (and shockingly little mycology) along the way.

— Keith Seifert
In October (1999), Dr Alice W Chen gave presentations on the cultivation of 
Grifola frondosa and 
Agaricus blazei at the 3rd International Conference on Mushroom Biology and Mushroom Products in Sydney, Australia. While there she 
visited the Elf Agaricus mushroom farm, Leading Specialty mushroom 
Farm, Li-Sun Mushroom Farm, and the Arnold Spawn Laboratory in 
Bowral, NSW. Alice was inter-
viewed by a radio journalist while 
she was studying medicinal mush-
rooms in Chinatown, and the 
interview was broadcast during the 
Sydney conference. Proceedings of 
the conference are available on CD-
ROM (Contact Dr Andrew Broderick 
<a.broderick@usw.edu.au>).

Drs Steve Stephenson and Martin 
Schnittler spent ten days in the 
Yucatan region of Mexico during late 
November. They were accompanied 
by two of Steve’s students, Adam 
Rollins and Maribeth Overking. 
The purpose of the trip was to carry 
out a biotic survey of myxomycetes 
associated with the subtropical semi-
deciduous forests of the El Eden 
Ecological Reserve on the Yucatan 
Peninsula. They were joined at El 
Eden by Carlos Lado of the Real 
Jardín Botanico in Madrid, Diana 
Wrigley de Basanta of the Autonomous 
School in Madrid, Arturo Estrada- 
Torres of the Universidad Autonoma 
de Tlaxcala in Mexico, and Nisao 
Ogata, a biologist from the Univer-
sity of California at Riverside. The 
biotic survey carried out on this trip 
is part of an ongoing study of the 
distribution and ecology of myxo-
mycetes in the forests of Central and 
South America.

MSA members Toru Okuda, 
Gerald Bills and Maren Klich 
spoke at a symposium on Diversity 
of Fungal Metabolites held Decem-
ber 4 at Tamagawa University in 
Machida, Tokyo, Japan. Other 
lecturers included Yasuhiro Hori 
(Fujisawa Pharmaceutical Company), 
and Haruo Seto (University of 
Tokyo). The one-day meeting was 
attended by about 150 people. The 
symposium ended with an enthusi-
astic panel discussion on the current 
and future role of filamentous fungi 
in modern high-throughput screening 
programs for pharmaceutical dis-
covery. This symposium was sponsored 
by the Kanto Branch of the Myco-
logical Society of Japan.

Hard copy

A field guide to the myxomycetes, 
written by Dr Steve Stephenson 
and published originally as a hardback 
edition by Timber Press (Portland, 
Oregon) in 1994, is scheduled to be 
reprinted in a paperback edition early next year. The hardback edition of 
the field guide, which is entitled 
Myxomycetes: a Handbook of Slime 
Molds, is now almost out of print. 
The new paperback edition, which 
will sell for $19.95, will represent a 
more affordable version of the field 
guide, which has been marketed 
worldwide.

Dr Alice Chen and collaborators 
published “Maitake at a glance” with 
numerous photographs of cultivation 
techniques in the 
Mushroom Grower’s 

Addresses

Dave Farr, keeper of the MSA 
Online Directory, asks that everyone 
take a moment to update their 
information on the Online Directory. 
You may wish to change or add 
information. Those of you whose 
area codes or Email addresses have 
been changed should pay particular 
attention!

Meredith Blackwell’s directory 
information has changed: new 
information includes the addition of 
‘Department of Biological Sciences” 
and the following area code changes: 
225-388-8551 Fax 225-388-8459.

A ‘c’ was unfortunately omitted 
from the directory listing for 
Coleman McClenehgan. Her correct 
Email address should be 
<mclenehgan@appstate.edu>.

Roy Watling can be reached via his 
new Email address 
<caledonianmyc@compuserve.com>.

Passages

Dr William Andrew Campbell 
died in Athens George on September 
20, 1999 at the age of 93. Born in 
New Jersey in 1906, “Andy” grew up 
in Pennsylvania. He attended 
Mansfield State Normal School, the 
University of Colorado and obtained 
his doctorate in plant pathology from 
Pennsylvania State College. Dr 
Campbell entered the field of forest 
disease research with the USDA in 
1936 and in 1942 was assigned to the 
Guayule Project in Salinas, California 
as Senior Pathologist. He moved to 
Georgia in 1946 where he began a 
long and productive association with 
the University of Georgia Forestry 
School and the Department of Plant 
Pathology. From 1946 until 1953 he 
was in charge of the Forest Disease 
Research laboratory at UG’s Bureau of 
Plant Industry and was Research 
Center Leader at the Southeast Forest 
Experiment Station (1955-1961) 
where he received the USDA Superior 
Service Award. After serving as 
Pathologist-in-Charge of the Forest 
Service Biological Lab in the Re-
search Triangle Park in North 
Carolina (1961-1963), he returned to 
Athens where he was director of the 
Forest Service Laboratory until his 
retirement in 1971. From 1971 until 
1980 he taught plant pathology at the 
University of George. In 1981, Dr 
Campbell was inducted into the 
Georgia Forestry Hall of Fame.
The GSMNP-ATBI Diaries

Fungal TWIG Entry 2000-1:

On December 8-10, 1999 Fungal TWIG Representatives Dr Carol Shearer, Dr Jim Johnson and L Anathia Brooks attended the first annual Great Smoky Mountain National Park-All Taxa Biological Inventory scientific review in Gatlinburg, Tennessee. While we may not have conducted the first millennium’s worth of research in the first eight months, the Fungal TWIG hit the ground running and was able to report on an impressive array of accomplishments.

Anathia, who served both as Liaison for the Macrofungal Pilot Study and meeting scribe, noted: “Jim prepared the TWIG's presentation on his laptop using Power Point, which he presented on December 9. It looked superb. I had prepared handouts of the main page for the epigeous macrofungal project (“Butterflies of the Soil”), so participants could view our updated species list and site reports on their computers after the meeting.” University of Tennessee’s Frank Harris chaired the meeting. Important announcements:

- The $450,000 congressional appropriation for design and planning of the proposed Twin Creeks sorting lab facility has been approved (design input desired).
- A charter has been written for the newly incorporated Discover Life in America (DLIA) with an ad agency contracted to create both logo and “presence” (Mycologists take note: the stationery will include a generic agaric and three animals representing life).
- The Legal Committee seeks volunteers willing to address the trademark issue (e.g. Taq) and decide whether new species names should be sold for fundraising (Anathia’s comment: ‘heated negative debate ensued by taxonomists”).

A Memorandum of Understanding between the National Park Service and DLIA will be signed in Washington DC sometime in February.

- The Cosby sorting center and 3-bedroom scientist bunkhouse will be replaced by two new centers near Gatlinburg (TN) and Maggie Valley (NC), with a supervisor overseeing volunteer/intern sorters (input needed now during the crucial planning phase).
- Soil, vegetation and historical land-use maps for determination of collection sites based on ecological parameters will soon be available on the DLIA web-site.
- NSF has granted ITIS (Integrated Taxonomic Information Systems) funds to ATBI members for setting up the Biota database by April 2000.
- Jim’s suggestions that an interactive identification system be activated and that the ATBI obtain a bulk discount on CSIRO’s Delta program met general approval during the TWIG report presentations. University of Tennessee Herbarium’s DK Smith noted that Park ‘legacy’ mycological collections need taxonomic reevaluation and that they still have space to house some ATBI fungal collections. Immediate challenges confronting the young ATBI include inadequate funding, sluggish communication within and among the TWIGs (with numerous complaints leveled toward the existing DLIA web site), and under-use of volunteers. Carol, Jim and Anathia found the session highly informative, and our TWIG was frequently praised for its communications, the seriousness of grant proposals and activities, and our conference ‘presence’ and presentation.

Much has already been written about the accomplishments of the epigeous macromycete pilot study (“Butterflies of the Soil”) coordinated by Macrofungal TWIG leader Dr Rod Tulloss, who conducted several workshops, made numerous on-site visits, engaged in Amanita taxonomic research, and manned the project’s eye-catching web-site at his own expense. The Asheville Mushroom Club, spear-headed by its President and On-Site Coordinator Theresa Rey, formed the core of a group of taxonomists and parataxonomists who inventoried a permanent transect in the Cataloochee Valley from March to November (1999). During those months macrofungal TWIG members processed (i.e. field identified, described, photographed dried, and prepared for expert identification and further taxonomic investigation) 709 collections (198 from within the transect). Virtually all 541 ‘Butterflies’ project collections have been photographed (primarily by Tulloss, Gerald Sheine and Hank Mashburn) and are now CD-ROM archived. Several collections of species new to the Park or new to science have also been made.

The Fungal TWIG roster currently lists 70 members, of whom 33 were actively engaged in research or collection activities last year. Our most recent estimate of volunteer ATBI time is 3900 hours, most devoted to the macrofungal pilot study. Progress on other fronts includes work by Dr Robert Fogel, University of Michigan Fungal Herbarium curator, who searched the MICH database (finding 256 Park collections) and placed Smith & Hesler's Lactarius keys and descriptions on the web and by Tom Rude, who identified a number of yeast using molecular scan techniques and located ATCC isolates obtained from
park species.

For the most part, however, the mycological inventory has only begun. Field identifications of the fungal specimens collected during 1999 represent at least 270 species, a number certain to rise rapidly as specialists examine and re-evaluate the finds. Final identification is the most labor intensive and time-consuming task facing the Fungal TWIG (“unknown fungus” seems to be the most commonly collected species, for instance), and the most daunting mycological endeavor may well be the culture and isolation of “non-charismatic” microfungi, which outnumber the macros 10-30 times. While Drs. George Carroll, Richard Hanlin and Carol Shearer have isolated several microfungal species, a vast universe of opportunity awaits those wishing to enumerate and study the ‘little guys’.

The ATBI’s greatest challenge at this point is funding. Our TWIG was fortunate last year in that we received a modest amount to conduct the pilot study and participate in the ATBI Memorial Day Nature Quest. Donations from other sources have been matched by the GSMNP Natural History Society. Because this $6600 working budget may be used only to defray expenses (not for salaries), most of the herbarium searches, list-making/revising and reference corralling still remain undone. Fortunately the Fungal TWIG made great headway due to the generosity of our willing volunteers, most of whom have donated materials in addition to time. By the way, Grants can do ‘double-duty’: Dr. Joey Spatafora was able to use his Cordyceps grant to inventory the Park and its surroundings, and a fair amount of optimism surrounds two other recently submitted proposals.

Eventually, the ATBI will be a multi-million dollar research consortium, but in the interim we urge any mycologist looking for a fascinating research opportunity to consider writing Smokies related proposals whenever possible.

— Lorelei Norvell, Coordinator GSMNP-ATBI Fungal TWIG

Slime Mold TWIG Entry 2000-1:

New members of the Slime Mold TWIG of the ATBI being carried out in the Great Smoky Mountains National Park are Andy Swanson, Roland McHugh (Ireland), Denise Binion, and Randy Darragh. At least 155 species of slime molds (myxomycetes, dictyostelids, and protostelids) are now known from the Great Smoky Mountains National Park. Fifty-six of these (representing 36% of the total) have been added to the mycoflora of the Park as a result of the sampling effort carried out during the first year of the ATBI.

— Steve Stephenson, Coordinator GSMNP-ATBI Slime Mold TWIG

Upcoming Mycological Events

British Mycological Society Millennium Meeting on Tropical Mycology is scheduled to occur in Liverpool, UK April 25-29, 2000. The program will include:

• April 25 — Poster set-up, registration, official welcome by Vice Chancellor P Toyne of Liverpool John Moores University and introduction by BMS President S Buczacki. Session 1 (General) will include presentations by DL Hawksworth (UK) and R Watling (UK). Reception and Dinner will follow the Benefactors’ Lecture on “Thoughts and musings on the tropical Xylariaecae” to be delivered by JD Rogers (USA).

• April 26 — Session 2 (New World Topics) will include presentations by R Haling (USA), DJ Lodge (USA), L Guzman-Davalos (MX), and JN Hedger UK), chair. Following lunch, Session 3 (Old World Topics: Africa & China) will include presentations by E Boa (UK), M Harkonen (Finland), LT Hui (PR China), and MJ Wingfield (South Africa), chair. The President’s Reception and Symposium Dinner will be held at the Liverpool Maritime Museum.

• April 27 — ADM Rayner (UK) coordinates Sessions 4-6: A Unifying Theme. Chair C Robinson (UK) introduces Session 4 (Ecology & Environmental SIC) with presentations by JW Palfreyman, N White and J Singh (UK) and TT Chang (Taiwan). After coffee T Butt (UK), Chair, will introduce Session 5 (invertebrate Interactions SIC) with presentations by PJ Fisher (UK), ST Moss (UK), and questions and answers moderated by ADM Rayner (UK). Following lunch, M Rotheroe (UK) introduces Session 6 (Conservation SIC) with presentations by TN Kaul (India), M Nunez (Norway) & A Suhrman (Indonesia). Following an option tea with viewing of the BMS/Tha & Ecuador expedition videos, Session 6 resumes with presenta-
2000 Mycological Society of America Annual Meeting
July 29 - August 3, 2000
In Burlington, Vermont at The University of Vermont Campus

Program Highlights

Social Events:
- **Sunday, July 30, 7:00 p.m.** Welcoming Mixer (sample Vermont food and drink - included in your registration fee)
- **Wednesday, August 2, 5:00 p.m.** BBQ Dinner Auction and Cruise (your ticket buys you a BBQ dinner - with beer should you desire it - plus a moonlight cruise aboard the "Spirit of Ethan Allen," Lake Champlain's largest cruise ship. Cruise will feature a dessert buffet and DJ)
- **Tuesday, August 1, 8:00 a.m.** MSA Breakfast and Business Meeting (by ticket, note lower student price this year!)
- **Tuesday, August 1, 6:30 p.m.** Reception for MSA committee members in the Waterman Manor on UVM campus. (brainstorm and mingling as a guest of your Society)

Scientific Program Includes:
- Contributed Papers and Posters
- Special Poster Session on Mycology Teaching Techniques (coordinated by the MSA Education Committee, see announcement in INOCULUM, contact Don Ruch)
- The Karling Annual Lecture: Ira Herskovitz - Tentative Title: “Using Genetics and Genomics to Study the Life of a Yeast”
- Symposia: Jim Kronstad - Molecular biology/signalling
  - Carlene Raper - Genes and molecules regulating mating in fungi
  - Francois Lutzoni - Population genetics, Messe'son's method, partition homogeneity testing, and coalescence:
  - How to detect ancient asexual fungal lineages?
  - Martha Powell - Chytrids
  - Rich Humber - Insect pathogens
  - Charles Mims - Opportunities and Challenges in Mycology Instruction
  - Michelle Momany - Cell wall/cytoskeleton
  - TBA - Ecology

Program Information
Please join us in picturesque Burlington for the 2000 Mycological Society of America’s Annual Meeting. The meeting will be held at The University of Vermont, a beautiful hilltop campus overlooking the Green Mountains to the east, and Lake Champlain and the Adirondacks to the west. The Burlington International Airport is located three miles from campus, and is served by several major airlines.

Submission of Abstracts
Authors must provide a title, an abstract, and accompanying information for each contributed presentation, symposium presentation, and poster by March 15, 2000 at www.erin.utoronto.ca/~janderso/msa
Should you have questions, please email Jim Anderson: janderso@credit.erin.utoronto.ca

Accommodations Charges for accommodations as described below are not included in the basic conference fee.

On-campus Dormitories: Arrangements for on-campus accommodations should be made through The University of Vermont by July 14, 2000, if possible. Lodging will be available in The Living & Learning Center, a 10 - 15 minute walk from the lecture halls on main campus. The rooms are set up suite style including 4-5 rooms (a combination of single and double occupancy) with 2 bathrooms, and small living room. Each room will have a linen packet on the bed that includes 2 sheets, pillow, pillowcase, 2 towels and 1 washcloth. Please note: these rooms are non-smoking and are not air-conditioned. A limited number of fans will be available at time of arrival, at no additional charge.

Off-campus Accommodations: A limited number of rooms at a reduced rate have been arranged at The Sheraton Hotel & Conference Center in Burlington, located one-half mile from campus. The hotel offers air-conditioned sleeping rooms, an indoor pool and jacuzzi, and access to the fitness center. A free airport shuttle is available, and parking for guests is free also. Daily room rates for single and suite occupancies are $109 plus tax. Payment of these charges should NOT be included with the conference fee. Please make arrangements directly with the hotel by calling Reservations at (802) 865-6600 or toll free at (800) 325-3535. Be sure to mention you are attending the Mycological Society of America’s Annual Meeting, in order to obtain the reduced overnight rate. This rate will be available until June 28, 2000. The Sheraton will continue to accept reservations after this date based on room and rat availability.
The 2000 Mycological Society of America Annual Meeting  
July 29 - August 3, 2000  
In Burlington, Vermont at The University of Vermont Campus

Registration Form Please complete a separate copy of this form for each person planning to attend.

Contact Information Please PRINT or TYPE all Information
Name
Address
Daytime telephone________________________ Evening telephone________________________
Fax________________________ E-Mail address________________________

Student Member Information This section must be completed to obtain student prices.
O Are you a student member?
O Who is your supervisor?
O Would you be willing to volunteer as a projectionist in one session; or sell T-shirts?

Payment Calculation
Conference Fee This fee includes attendance at all sessions and the Welcoming Mixer
(Indicate One) O Early • $150 (by May 15)  O Regular • $180 (after May 15)*  O Student • $125
* Please help us by registering in advance. We would appreciate receiving your registration by July 14, 2000.

Room and Board Options O Dormitory accommodations: Single Occupancy: $24/person (includes tax), per night
Double Occupancy: $19/person (includes tax), per night

_____ # of nights x $_____ per night = $_______

Arrival date ____________________________ Departure date ____________________________

For double occupancy: O Sharing with ____________________________
O Please assign me a roommate: O Male  O Female

O I will arrange my own accommodations.

Parking Permits are required for any vehicle on campus. The cost is $2.50 per day or $12.50 per week.
Parking permits may be purchased at the time of arrival.
O Please indicate here if you will be needing a permit, and we will have one ready for you when you arrive. $_______

Special Event Options Saturday, July 29 O Foray • $30
(This fee includes lunch and transportation. See the inoculum for announcement by Don Ruch)

_____ # of tickets x $30 = $_______

Tuesday, August 1 O Breakfast and Business Meeting $7.50 for students; $10 for all others

_____ # of tickets x $_______ = $_______

Wednesday, August 2 O BBQ Dinner and Social • $20

_____ # of tickets x $20 = $_______

Total ENCLOSED $_______

Please enclose check or money order, in U.S. funds, made payable to The University of Vermont

Mail The University of Vermont/Division of Continuing Education
ATTN: MSA 2000
30 S. Park Drive
Colchester, VT 05446

E-mail E-mail the information requested on the registration form to: profprog@zoo.uvm.edu

Fax (802) 656-3891

Call (800) 639-3188 or (802) 656-2088

Credit Card Payment Please circle: Visa Mastercard American Express
Card #________________________ Exp________________________
Signature________________________

O If you will need special accommodations in order to participate in this conference, please check here and we will call you to discuss specific arrangements.
The CBS Symposium on Mycology in the 21st Century: Morphology and DNA in the phylogeny and taxonomy of the Fungi is scheduled for 11-12 May 2000, in Amsterdam, The Netherlands.

The Centralbureau voor Schimmecultures is organizing a special symposium to commemorate the retirement of Walter Gams and his achievement for mycology. The symposium will be held from Thursday 11 May to Saturday 13 May, 2000. Invited speakers will present visions, ideas and suggestions for new directions in phylogeny, fungal systematics and bioinformatics.

The tentative program includes:

May 11 — Welcome and opening symposium (D van der Mei & R.A. Samson, CBS), Visions on fungal phylogenetics (D Hibbett, USA), - The ghost’s apprentice (D Malloch, Canada), Coevolutionary trends in fungi and plants (P. Oberwinkler, Germany), Perspectives in ascomycete classification (O Eriksson, Sweden), The end of taxonomy… (K.A. Seifert, Canada), Gene genealogies and cryptic species (D Geiser, USA), Reconstructing history at the population-species interface (L. Kohn, Canada, Molecular versus morphological data: Redefining anamorph genera (P Crous, S. Africa), Fungi and Experimental Evolution (I Anderson, Canada) and Phylogeny and taxonomy of powdery mildew fungi - status quo and perspectives (U. Braun, Germany).

May 12 — Development of a comprehensive multilocus DNA sequence database for Fusarium: Applications in agriculture and medicine (K O’Donnell, USA), New molecular and old techniques measuring biodiversity - the missing fungi (K Hyde, Hong Kong), Hopeful monsters: undifferentiated Pyrenomycetes in the primordial soup (G Samuels, USA), Fungi as biocontrol agents for weeds—the importance of systematic (A. Rossman, USA), Polyphasic taxonomy: integrating morphological, physiological, molecular biology and ecological data (O Petri, Switzerland), Title to be announced (M Blackwell, USA), The monastic mycelium, a look at the consequences of complete asexuality (R Summerbell, CBS), The Fungal Web - Concepts and expectations of a fungal network (L Lange, Denmark), Demonstration of the Fungal Web (I Groth, Clausen Denmark) plus contributed papers and discussions about bioinformatics and the role for taxonomy, phylogeny and culture collections. After the closing ceremonies there will be a Symposium Dinner during which Prof David Hawksworth will speak on Hyphomycete taxonomy at CBS and the honored guest, Prof Walter Gams, will give the Epilogue.

Registration fee — Symposium, including lunches, coffee and tea: US $100; Symposium dinner: US$ 50. Restaurant and snack bar facilities are widely available in the area. CBS can provide assistance finding hotel or Bed & Breakfast accommodation in Amsterdam or Baarn. For more information contact: Rob Samson <Samson@CBS.knaw.nl> or visit http://www.cbs.knaw.nl.


The 14th New Zealand Fungal Foray and Australasian Mycological Society Annual Conference will be held in the World Heritage area of Te Anau, Fiordland National Park, South Island, New Zealand. The location is adjacent to large areas of virgin Nothofagus forest where ectomycorrhizal fungi are typically abundant during May. We plan to visit lakeside and the higher altitude forests, as well as tussock communities. Te Anau is on the shores of Lake Te Anau and centrally located for tourism, with daytrips possible to several popular locations such as Milford Sound, Lake Manapouri, Doubtful Sound, Queenstown, and Arrowtown.

Planned programme includes Saturday, May 6 — arrival, May 7 — mycological workshop (to be announced, possibly on
MYCOLOGICAL NEWS continued

Upcoming Events, continued from page 15

truffleoid fungi or agarics), May 8 — Australasian Mycological Society Conference (with presentation of mycological papers), May 9-12 — Collection excursions in areas adjacent to Te Anau (e.g., Control Gates; Kepler Track; Eglington Valley; Borland). Each field day, display tables with identified specimens will be prepared, and lectures or slide shows presented during evenings. Some facilities for laboratory work will be available. Departure is scheduled for Saturday, May 13.

Accommodation and Meals: Accommodation is at Cascade Lodge, Te Anau Holiday Park, in small basic bunkrooms sleeping 2 to 6. Bedding can be hired at a reasonable price for those not wishing to bring sleeping bags. For booking bunkroom accommodation and for meals, please use the registration form. Meals will be prepared in part by participants under the experienced guidance of our long-suffering mycophobic chef, Lawre Taylor.

The Holiday Park also has a variety of more upmarket accommodation on site. If you wish to book a self-contained motel or tourist flat, instead of the bunkrooms, please arrange this privately, though mention that you are part of the Fungal Foray: Contact: Te Anau Holiday Park, Te Anau-Manapouri Rd, PO Box 81, Te Anau, New Zealand; +64 3 249 7457; Fax: +64 3 249 7536; <eanau@xtra.co.nz> OR http://www.teanauholidaypark.co.nz

Transportation: For participants arriving from Australia, there is a connecting flight from Sydney to Queenstown arriving at 2:35 pm on Saturday 6 May. We will endeavour to arrange transport from Queenstown airport to Te Anau (165 km), for which there may be a charge; please let us know if you require this (there is no regular bus service from Queenstown to Te Anau at that hour of the afternoon). A returning flight to Sydney departs Queenstown on the afternoon of Saturday 13 May, at 3.50 pm, and regular bus service can be used from Te Anau to Queenstown that day. For domestic travelers who are flying in to Queenstown or Invercargill, please make your own arrangements for road transport.

Costs: Approximately NZ$40 per person per day for those staying in the bunkrooms, as a share of actual costs which include food, bunkroom accommodation, and planned trips for collecting in nearby regions. This price does not include the cost of getting to the venue, or privately organized accommodation upgrades.

Registration: For general inquiries by email, please contact Peter Johnston <johnstondp@landcare.cri.nz> or Peter Buchanan <buchananp@landcare.cri.nz> OR Fax +64 9 8497093.

The joint XXVIIIth Congress of the Mexican Phytopathological Society and XIIth Biennial Workshop on the Smut Fungi will be held July 9-13, 2000. The Mexican Phytopathological Society and Smut Workers cordially invite you to attend and participate in this international meeting which will take place at Sheraton Buganvilias Hotel in Puerto Vallarta, Jalisco, Mexico. The technical program will include oral and poster sessions, as well as symposia, conferences, pre-congress courses and post-congress trips. Social, cultural and tourist activities will form part of the meeting. For more information, contact Dr Guillermo Fuentes-Davila, 52-64-141940/145799; FAX 64-145898 <g.fuentes@cgiar.org> or Lic Veronica Gonzalez 52-3-641-8630 FAX 52-3-642-7982)

A Berlin Fusarium workshop will be held September 11-16 in the Biologische Bundesanstalt Berlin-Dahlem (Koenigin-Luise-Str 19) and Freie Universitat (Koenigin-Luise-Str 34). Helgard Nirenberg <H.Nirenberg@bba.de> will serve as chairperson, and registration is US$ 200. The scientific program will include lectures and posters dealing with systematics, mycotoxins, genetics, biodiversity, plant pathology and there will be a workshop devoted to the microscopy of newly described Fusarium species. For further information please contact Dr Helgard I Nirenberg or visit<www.bba.de> where (under events) a preregistration form is available.

General Scientific News

On December 16, 1999 the National Science Foundation (NSF) announced a "Special Competition" for Biocomplexity in the Environment Grants.

NSF will award $50 million in grants under the Biocomplexity in the Environment (BE) initiative launched by NSF Director Rita Colwell. In 1999, CNIE, with much assistance from supporters of the NIE, educated Congress about the importance of the BE initiative. Congress funded the initiative by this fall at the level requested by the Foundation.

"Biocomplexity in the Environment" is now the descriptor of the full portfolio of environmental science and engineering at NSF. The grants to be allocated in fiscal year 2000 represents the beginnings of the additional $1 billion/year that the National Science Foundation hopes to receive as a result of the recently adopted report Environmental Science and Engineering in the 21st Century: the role of the National Science Foundation. The report stems from a congressional request that NSF to study the creation of a National Institute for the Environment (NIE) through the Foundation. The report recommends implementing nearly all the activities proposed for an NIE directly through the National Science Foundation. CNIE has endorsed the report, committed to working for its full implementation, and suspended its call for creation of an NIE.


The competition will support work in two areas:

(i) Integrated Research "to better understand and model complexity that arises from the interaction of biological, physical, and social systems... specifically... research projects which directly explore nonlinearities, chaotic behavior, emergent phenomena or feedbacks within and between systems and/or integrate across multiple components or scales of time and space in order to better understand and predict the dynamic behavior of systems.... Research Projects can be up to 5 years in duration. Annual budgets may be up to
research to develop projects via focused workshops, virtual meetings, and other types of development and planning activities. Incubation Activities can be up to two years duration with total budgets not to exceed $100,000 and cannot be renewed.”

The deadline for letters of intent is January 31, 2000, and for proposals March 1, 2000. The anticipated date of awards: September 2000

courtesy of Mary Palm

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**MYCOLOGY ON-LINE DIRECTORY**

Below is an alphabetical list of current web-sites featured in Inoculum during the past twelve months. Those wishing to have web sites included in this developing directory or who wish to edit their addresses should Email <lorelei@teleport.com>. Unless otherwise notified, the editor will drop listings after one year. * = New or Updated info (Inoculum Volume-Number where most recently cited)

7th International Symposium on Microbiology (50-6)
http://nature.berkeley.edu/P2000

American Botanical Lit Index (50-2)
http://www.nybg.org/bsci/labl.html

Asociacion Latinoamericana de Mycologa (50-3)

<http://zeus.ivic.ve/alm/>

Basidiomycetes of the Greater Antilles (50-3)

www.cortland.edu/nsfga.html

Biotech Risk Assessment Research (50-2)
http://www.reeusa.gov/crgam/biotech.pdf

Biotech Risk Assessment Research (50-2)
http://www.reeusa.gov/crgam/biotech.htm

Butterflies of the Soil (50-4)
http://phuto.njcc.com/~ret/

* Mycological Society of Japan, Kanto Branch (50-3)
http://wwwsoc.nacsic.ac.jp/kb-msj/index_e.html

Exotic Pests (EFPSNA) (50-1)
http://www.exoticforestpests.org

Farlow at Harvard (50-2)
http://www.herbaria.harvard.edu/

Fungus of the Lindsey-Parsons Biodiversity Preserve (50-6)

http://ecfb.cornell.edu

(FULLY) ILLUSTRATED FIFTH KINGDOM (50-4)
http://www.pacificoast.net/~mycolog/

Genealogy of North American Mycologists (50-1)
<http://kb380.plbio.lsu.edu/Home.htm>

Histoplasmosis (50-2)
http://www.histoplas-mex.unam.mx

IMC7 (50-3)
<http://kb380.plbio.lsu.edu/ima/index.htm>

Italian Boletes (50-1)
http://www.arcobaleno.com/progetto/efunghi.htm

Italian Boletes (50-1)
http://www.arcobaleno.com/progetto/efunghi.htm

MycoInfo, “The world’s first mycological E-journal”
http://www.mycoinfo.com/

MycoInfo, “The world’s first mycological E-journal”
http://www.mycoinfo.com/

NAMA Poison Case Registry (50-4)
http://www.sph.umich.edu/~kwecemprc

Nomenclature in the 21st Century (50-4)
http://www.inform.umd.edu/PIBIO/nomcl/index.html

NYBG MassE Fungal Types (50-1)
http://www.nybg.org/bsci/hcol/mass/

PEET Web Sites (50-1)
www.nhm.ukans.edu/~peet

Pleurotus Intersterility Groups (50-4)
http://fp.bio.utk.edu/mycology

Peperomia Taxon Index (50-4)
http://fp.bio.utk.edu/mycology

Supraordinal Taxa of Ascomycota (50-2)
http://www.ekbot.umu.se/pgm/outline.html

* Taxy (50-2)
http://www.mycoinfo.com/taxy/

Third Virtual Symposium (50-3)
<http://www.geocities.com/~dermacentro/simposio.htm>

US National Fungus Collections (50-1)
<http://ars.ars-grin.gov>

University of Tennessee Mycology Group (50-4)
http://fp.bio.utk.edu/mycology

University of Alberta Microfungus Collection and Herbarium (50-6)
http://www.devonian.ualberta.ca/uamh/

WEB MSA (50-6)
http://www.erin.utoronto.ca/~w3msa/

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**Change of Address**

Send all corrections of directory information, including e-mail addresses, directly to Allen Press

Mycological Society of America
Attn: Linda Hardwick, Association Manager
PO Box 1897 [810 E 10th St]
Lawrence, KS 66044-8897

Vox 800.627.0629 (US and Canada)
or 785.843.1221
Fax 785.843.1274
Email lhardwick@allenpress.com

Note: Members may also submit directory corrections via the form included in the MSA directory via the MSA Home Page: http://www.erin.utoronto.ca/~w3msa/

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Illustrated Genera of Fungi Imperfecti (Fourth Edition).

Leaf through the pages of this book and it acts like a time machine, whisking you effortlessly back to the '60s and '70s. The authors use an outmoded name for the group of fungi they are illustrating. For their main key they use taxonomic characters harking right back to the 19th century. They employ taxonomic groupings that were never widely adopted, or have been abandoned by most mycologists. Perhaps these are just philosophical differences between the authors and the reviewer, but the authors seem to feel that the average user of the book should not be expected to deal with most of the new characters explored over the past half-century.

Reinforcing this initial impression is the fact that of 480 references cited, only 14 are post-1980, and none is more recent than 1983. This would seem to suggest that interest in anamorphic fungi has pretty well ground to a halt, although such an assumption would be entirely unjustified. In fact, several hundred new genera have been described since 1980 (at least as many as are treated in this book), and anamorph-holomorph connections are still being made at a fast clip; there are now about 5,000 such connections, as readers can discover for themselves by consulting the following web site: <http://www.biology.ualberta.ca/jbrzusto/anateleo/anatel.html>.

An equally serious problem is that the text was obviously not proofread thoroughly. I found no fewer than six generic names misspelled in the main body of the illustrations – Bartilinia [Bartalinia], Microclavia [Microclava], Papulospora [Papulaspora], Phymotorichum [Phymatotrichum], Nodulisporium [Nodulisporium] and Sporochisma [Sporochisma]. The reference section is also contaminated with numerous typos. I found errors in references 31, 100, 107, 121, 134, 168, 173, 182, 186, 196, 210, 213, 238, 242, 243, 253, 263, 270, 282, 285, 286, 287, 296, 305, 306, 311, 314, 347, 352, 356, 362, 368, 395, 416, 443, 448, 458 and 459. Many of these errors are rather serious in that, like those in the main text, they involve the misspelling of generic names. Computers, as we know, cannot generally find things unless they are fed correct spellings (absent fuzzy logic). Year of publication is not given for references 59, 147, 199 and 455. Had this been an on-campus course handout (as the original version was, back in the late '50s), this litany might have been regrettable but understandable, but in a fourth, published edition, almost all such errors should long since have been weeded out.

Perhaps I'd better retreat for a while into the Book Review Editor's requests that I evaluate

(1) the significance of the book's contribution. Well I would have to say that there is certainly nothing philosophically or factually new in this book, though the authors have added several sections not found in earlier edition which provide useful background information.

(2) the audience likely to find the book useful. Here, I think that undergraduates trying to identify conidial (anamorphic, mitosporic) fungi may find the book helpful, though I am concerned about the rather large number of errors that have crept in - these would not initially be detected by students, and certainly do not set a good example for them.

(3) the effectiveness with which the information is presented. Here I find that the way in which the genera are grouped is often quite intuitive, but the illustrations, perhaps the most crucial element of the book, leave a lot to be desired. Few if any have been re-drawn for this new edition. As one of my students said "the lines are too thick and the dots are too big." Readers who have rejoiced in drawings such as those produced by Pirozynski and Nag Raj will not be happy with those in this book. Many of the light- and scanning electron-micrographs are lacking in contrast, or taken at an angle that will be confusing to those unfamiliar with the fungi illustrated. The use of Chalara on page 44 to exemplify phialidic hyphomycetes is unfortunate, not only because it is a highly atypical genus, but because the scanning electron-micrograph is difficult to interpret. If you know the genus, you'll be able to sort out the parts, but if you don't, you could be forgiven for confusing it with the arthrosporic mode exhibited by Geotrichum on page 41. Arrows and labels superimposed on the pictures would have been helpful.

(4) A general impression of the quality of the book. The paper is good, the text is clear, the ring binding allows the
Another problem is the fragmentary nature of the book. Despite claiming to cover an extremely wide range of fungi - anamorphic Zygomycetes, hyphomycetes and coelomycetes, which among them must have about 2,000 recognized genera - the book illustrates just over 400 genera. Admittedly, most of the commoner genera are included, but this severely limited treatment is another reason why I would not recommend this book to any professional mycologist looking for a reference work on a group with which he or she is not familiar.


The two things that bother me most about this book -- and the fault for these must rest squarely upon the shoulders of the authors -- are (1) its dated character and (2) the alarming number of errors it contains. Many of these errors, as already mentioned, involve generic names, and so could not have been caught by a spell checker or by a lay proofreader. Only someone familiar with the organisms and their literature, which is what one presumes was the responsibility of the authors, could have detected them. That they remain, causes me to label the book slipshod and unprofessional. I am surprised that APS Press did not exercise greater care in the pre-production phase by having the manuscript competently reviewed. I regret an opportunity lost, because we do not have enough good handbooks to the microscopic fungi.

— Bryce Kendrick
Mycologue Publications, 8727 Lochside Dr. Sidney, BC V8L 1M8 Canada
<mycolog@Pacificcoast.Net>

**BOOKS AND PUBLICATIONS RECEIVED FROM OCTOBER THROUGH DECEMBER 1999**


OF RELATED INTEREST....


PREVIOUSLY LISTED BOOKS FROM NOVEMBER 1999


OF RELATED INTEREST...


Mycological Society of America — Gift Membership Form

Sponsoring a gift membership in MSA offers tangible support both for the recipient of the membership as well as for mycology in general. Providing both Mycologia and Inoculum, a gift membership is an excellent way to further the efforts of our mycological colleagues, especially those who cannot afford an MSA membership. In addition to a feeling of great satisfaction, you also will receive a convenient reminder for renewal of the gift membership the following year.

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Acct. # __________________________ Name (as it appears on card) ____________ Exp. date ___________________________

Send this form to: MSA Business Office, PO Box 1897, Lawrence KS 66044 or FAX to 785.843.1274, Attn: Processing Department

*If this membership is given after June 1, please add $10 to cover postage for past issues.
MYCOLOGICAL CLASSIFIEDS

Positions Available

A postdoctoral position is available immediately to investigate cell wall-related virulence factors in the model, melanized fungal pathogen of humans, Wangiella (Exophiala) dermatitidis. Studies will focus on chitin and melanin or on other selected gene products that affect cellular development (Cdc42, Rac1, etc.) leading to cell wall alterations and their potentials as antifungal targets. The position requires a PhD in microbiology/mycology or related fields.

The preferred candidate will have documented expertise in molecular biology and a genuine interest in fungi. Please send CV and names of references, or letters of inquiry, to Paul J. Szaniszlo, PhD. Section of Molecular Genetics and Microbiology, The University of Texas at Austin, Austin TX 78712; <pjssaniszlo@mail.utexas.edu>

Environmental Microbiology Laboratory, Inc has an opening for a full time Mycologist / Analyst in their laboratory located in the San Francisco CA area. Environmental Microbiology Laboratory Inc is a recognized leader in bioaerosol and microbial analysis and specializes in the analysis of surface and air samples for fungi. For more information about the company, see http://www.emlab.com.

The primary responsibility will be to analyze air, surface, tape, and bulk samples by microscopy for fungi, and, in some cases, bacteria. Air sample analysis includes analysis of both culturable (Andersen) and non-culturable samples (spore traps such as Burkard, Allergenco, and Zefon Air-O-Cell). On-going training and education will be part of the position. Good bright field microscopy skills, good communication, the ability to work well with a team, strong organizational skills, and attention to details are important. A BS in Microbiology is required. Experience recognizing environmental microfungi is very desirable.

Please send your resume and the names of three references to Dave Gallup, Environmental Microbiology Laboratory Inc, 1800 Sullivan Ave Suite 209, Daly City CA 94015 USA 650-991-3436 Fax 650-991-2243 <dgallup@emlab.com>. Applications will be considered until the position is filled.

Molecular microbial ecologist faculty: The Department of Plant Pathology at Ohio State University, The Ohio Agricultural Research and Development Center invites applicants for a tenure-track 100% research position at the Assistant Professor level in molecular microbial ecology.

We are seeking a colleague who will use molecular techniques and/or functional genomics to examine fundamental questions in microbial ecology and develop a research program aimed at understanding soil microbial community structure and function relative to induced defense responses and other mechanisms of biological control of plant diseases. The successful candidate will develop collaborations with existing interdisciplinary teams. He/she will have access to state of the art service facilities at the OARDC Molecular and Cellular Imaging Center.

A curriculum vitae, copies of academic transcripts and selected publications, a statement of research interests, and three letters of recommendation should be sent to: Dr. S. Kamoun, Dept. of Plant Pathology, OSU-OARDC, Wooster, OH 44691-4096 (http://www.ag.ohio-state.edu/~plantdoc/mme.html).

The Ohio State University is an Equal Opportunity, Affirmative Action Employer. Women, minorities, Vietnam-era veterans, disabled veterans, and individuals with disabilities are encouraged to apply.

Mycological Goods and Services

Mold Testing and Identification Services: Identification and contamination control for Indoor Air Quality, Food Technology, Spawn technology, Plant diseases. ASTM & Mil-Spec testing for Aerospace, Controlled Environments and Environmental Engineering. 10% discount for Regular and Sustaining MSA members. Email <microbe@pioneer.net>; home page <www.pioneer.net/~microbe/abbeylab.html> Write to Abbey Lane Laboratory, PO Box 1665, Philomath OR 97370 USA. VoiceMail 541-929-5984. [Steven Carpenter]

Publications Available

CRYPTOGAMICA HELVETICA — formerly Beiträge zur Cryptogamenflora der Schweiz (Matériaux pour la flore cryptogamique suisse, Contributi per lo studio della flora crittogama svizzera).

First published more than hundred years ago as Beiträge zur Cryptogamenflora der Schweiz, Cryptogamica Helvetica today continues the tradition of presenting monographs on various cryptogams in Central Europe. It is edited by a commitee of the Swiss Academy of Natural Sciences (SANW). A new volume containing a checklist of lichens in Switzerland is planned to appear in 2000.

The list of currently available volumes (and fascicles) are presented in the following format — Year, Volume (Number): Author. Title. Price.
Beiträge zur Kryptogamenflora der Schweiz
1922, V(3): Büren G von. Weitere Untersuchungen über die Entwicklungsgeschichte und Biologie der Protomyceetaceen (German, 96 pp). Sfr. 18
1928, VI(2): Amann J. Bryogéographie de la Suisse (French., 453 pp). CHF 43
1935, VIII(4): Anliker J.; Beiträge zur Kenntnis der Fusariose des Roggens (German, 117 pp). CHF 21
1939, IX(1): Thomas EA. Über die Biologie von Flechtenbildnern (German, 208 pp). CHF 24
1945, IX(3): Jaag O. Untersuchungen über die Vegetation und Biologie der Algen des nackten Gesteins in den Alpen, im Jura und im schweizerischen Mittelland (German, 560 pp). CHF 55
1945, X(1): Ettlinger L. Über die Gattung Crumenula sensu Rehm mit besonderer Berücksichtigung des Crumenula-Triebsterbens der Pinus-
Arten (German, 75 pp). CHF 18
1947, X(2): Müller K. Morphologische Untersuchungen zur Aufklärung einiger europäischer Lebermoose (German, 55 pp). CHF 17
1954, XI(1): Arx J. A. von / Müller E.; Die Gattungen der amerosporen Pyrenomyceten (German, 434 pp). CHF 48
1962, XI(3): Zogg H. Die Hysteriaceae s. str. und Lophiaceae unter besonderer Berücksichtigung der mitteleuropäischen Formen (German, 190 pp). CHF 28
1959, XII: Gämann E. Die Rostpilze Mitteleuropas mit besonderer Berücksichtigung der Schweiz (German, 1409 pp). CHF 123
1968, XIII: Horak E. Synopsis generum Agaricalum. Die Gattungstypen der Agaricales (German, 744 pp). CHF 91
1976, 14(1): Messikommer E. Katalog der schweizerischen Desmidiaceen nebst Angaben über deren Ökologie und geographische Verbreitung (German, 103 pp). CHF 24

Cryptogamica Helvetica
1985, 16: Zogg H. Die Brandpilze Mitteleuropas (German, 275 pp). CHF 105
1990, 17: Hintz G. Diatomeen aus der Umgebung von Zermatt (German, 163 pp). CHF 42

Orders should be sent to Bibliothek/Library, Geobotanisches Institut ETH, Zollikerstrasse 107, CH-8008 Zürich, Switzerland. FAX ++41 1 632 14 63, <Koenig@geobot.umnw.ethz.ch>, <www.geobot.umnw.ethz.ch>. Postage and handling are charged separately.

Courses & Workshops

The International Course on the Identification of Fungi of Agricultural and Environmental Significance 31 July to 1 September 2000 provides training on the identification of microfungi of importance to agriculture, the environment and industry. Particular attention is given to fungi that are commonly found associated with plant diseases and those that are difficult to identify. This course has been run and developed for 20 years, at the International Mycological Institute (IMI), now integrated into CABI Bioscience. Tropical and temperate examples will be included in all sections. With prior notice of the particular interests of participants, we can normally provide additional coverage of particular topics.

Who is it for? This course is particularly popular with plant pathologists, extension workers, university researchers, trainers and technical staff. The course is aimed at those with a life sciences degree and a good basic knowledge of mycology,
preferably with postgraduate experience. Participants will also require a good working knowledge of English to complete the course.

Course Programme — A 5-week programme of lectures and extensive practical work on taxonomy and techniques for mycologists and plant pathologists, covering: (i) Dematiaceous and moniliaceous hyphomycetes, especially Alternaria, Cercospora, Cladosporiurn, Curvularia, Cylindrocarpon, Drechslera, Fusarium, Helminthosporium, Trichoderma, Verticillium; (ii) Coelomycetes, including Ascochyta, Colletotrichum, Phoma; (iii) Ascomycetes, reviewing important genera, including powdery mildews; (iv) Oomycota — Peronospora, Phytophthora, Pythium; (v) Storage rots and toxin-producing fungi - Aspergillus, Fusarium, Penicillium; (vi) Uredinales and Ustilaginales; (vii) plant pathogenic larger basidiomycetes; (viii) Mycorrhizas. Participants will also receive: (i) A comprehensive course manual (ii) Free access to the CABI Bioscience libraries and online services (iii) Free access to the CABI Bioscience Reference Collections (iv) Individual consultations with our scientists (v) An opportunity to make accurate identifications of specimens and to have identifications confirmed by our experts (vi) A discount on titles from the full catalogue of CABI books

Venue — The course will be held at the CABI Bioscience UK Centre (Egham), formerly the International Mycological Institute (IMI), on the outskirts of London.

Fees and Application — The course fee of £4,200 includes self-catering accommodation at nearby Royal Holloway College. Applications should be made before 15 June 2000. Participants who confirm their applications before 15 June by paying a non-refundable 10% deposit will qualify for an early registration discount of £150.

For further information please write enclosing your full postal address to Stephanie Groundwater, CABI Bioscience UK Centre (Egham), Bakeham Lane, Egham, Surrey, TW20 9TY. +44 (0)1784 470111 FAX: +44 (0)1491 829100 <S.Groundwater@CABI.org>
CALENDAR OF EVENTS

Peter Buchanan
buchananp@landcare.cri.nz

2000 (May 8-12). 14th ISHAM World Congress (ISHAM 2000)
Buenos Aires, ARGENTINA
Contact: Congressos Internacionales S.A
Moreno 584, Piso 9; 1091 Buenos Aires
+54.11.4342.3216/3283; FAX +54.11.4331.0223/4334.3811
14-isham@congresosint.com.ar

2000 (May 11-12) CBS Symposium - Mycology in the 21st Century
Morphology and DNA in the phylogeny and taxonomy of the Fungi.
Amsterdam, THE NETHERLANDS
Contact: Rob Samson
<Samson@cbs.knaw.nl>
http://www.cbs.knaw.nl

2000 (May 6-13) 14th New Zealand Fungal Foray & Australasian Mycological Society Conference
DETAILS Inoculum 51(1).
Te Anau, NEW ZEALAND
Contact: Peter Johnston
<johnstnp@landcare.cri.nz>
Peter Buchanan
<buchananp@landcare.cri.nz>; Fax. +64 9 8497093.

Maastricht, THE NETHERLANDS
http://www.cnc.nl/isms

2000 (July 12-13). XXVIIth Congress of the Mexican Phytopathological Society and XIth Biennial Workshop on the Smut Fungi joint meeting
DETAILS Inoculum 51(1)
Puerto Vallarta, Jalisco, Mexico
Dr Guillermo Fuentes-Davila
g.fuentes@cgiar.org
Veronica Gonzalez
52-3-641-8630 FAX 52-3-642-7982
14-isham@congresosint.com.ar

2000 (July 9-14) Asian Mycological Congress, The University of Hong Kong.
Hong Kong CHINA
Dr. Kevin D Hyde
kdhyde@hkcc.hku.hk

2000 (July 29-August 3) Annual Meeting of the Mycological Society of America.
DETAILS Inoculum 50(6), 51(1)
Burlington, Vermont USA
Dr. Faye Murrin
fmurrin@morgan.ucs.mun.ca
http://www.erin.utoronto.ca/-w3msa/

DETAILS: Inoculum 50(6): 16
Taichung, TAIWAN
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886.4.2840370 FAX 886.4.2860164
http://www.nchu.edu.tw/-isr2000

2000 (September 11-16) Berlin Fusarium workshop.
DETAILS: Inoculum 51(1)
Berlin, GERMANY
Contact: Helgard Nirenberg
<www.bba.de> prereg form available under events

2002 (August). International Mycological Congress (IMC 7).
Oslo, NORWAY
Leif Ryvarden, Botany Dept.
Biological Institute, Box 1045,
Blindern, N-0316 Norway
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47.22854623 FAX 47.22856717
http://www.uio.no/conferences/imc7/
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