

Seventy-Ninth Annual Report of the American Phytopathological Society

The 79th Annual Meeting was held at the Dr. Albert Sabin Convention Center and Clarion Hotel in Cincinnati, Ohio, August 2-6, 1987. "Biotechnology in Plant Pathology" was the theme. Attendees participated in the many activities with vigor and enthusiasm, an indication of how our society has and is integrating the new concepts into the broader field of plant pathology. The Plenary Session, organized and introduced by President Anne K. Vidaver, was entitled "Biotechnology in Plant Pathology." Three plenary addresses will be published: Dr. Mary Clutter, senior science advisor at the National Science Foundation, discussed "Economic Competitiveness in Plant Biology." We learned that funds for basic research in the biological sciences are low when compared with some other areas. Dr. Robert M. Goodman, vice-president at Calgene, Inc., presented "An Agenda for Agriculture and Phytopathology, or What Recombinant DNA Has Done to One Plant Pathologist's View of the Future." Examples of progresses via biotechnology were given to portray the power and promise of the technology at this early stage of development, even when viewed realistically. Dr. Sue A. Tolin, USDA/CSRS and professor at Virginia Polytechnic Institute and State University, talked about the "Adventures of a Plant Pathologist in the World of Biotechnology Regulation." Dr. Tolin reviewed the progress and problems, advances and setbacks in the area of regulation which is so crucial to the future of many research and commercial ventures in biotechnology.

Following the Plenary Session, APS joined many other professional societies in a tribute to the 100th anniversary of the Hatch Act. Dr. John M. Barnes, USDA/CSRS, discussed "The Role of the Hatch Act in the Profession of Plant Pathology."

Attendees, 1665 total, enjoyed and participated in a variety of educational, professional, and social events. The program included 38 contributed paper sessions, 29 poster sessions, two open forums, a teach-in, a slide salon, exhibits, a disease diagnosis contest, book displays, the placement service, committee meetings, and board meetings. There were 493 contributed papers and 223 posters. Contributed papers and posters, allocated by subject, were as follows: 28% in Causal Agents and Diseases, 17% in Crop Diseases, 16% in Physiology and Genetics, 13% in Control, 7% in Epidemiology, 7% in Soil Microbiology and Root Diseases, and 12% in other categories.

Symposia were titled "Expectations of Cooperative Research Among Industry, Academe, and Extension in the Field of Biotechnology," "Role of Membranes in Plant Pathogenesis," and "Advances in Molecular Biology of Plant Pathogenic Fungi."

Colloquia were titled "Integration of Biological and Physiological Seed Treatments," "Management of Plant Viruses," "Biotechnology as a Source of New Techniques for Detection of Plant Pathogens and Their Toxic Metabolites," "Development of Disease and Crop Loss Forecasting Systems for Soilborne Plant Pathogens," "Are Extracellular Polysaccharides of Bacterial Plant Pathogens Virulence Factors?," and "Recent Molecular Approaches to Systematics of Plant Pathogenic Fungi."

The Workshop was titled "Rapid Diagnostic Assays for Plant Pathogens."

Discussion Sessions were titled "Molecular Determinants of Biological Control," "Criteria Determining the Increase of Genetically Engineered Organisms into the Environment," "New Products and Services from Industry," "Population Genetics of Forest Pathogens," "Development and Practical Use of Expert Systems for Pest Management," "Effect of Research in International Plant Pathology on U.S. Agriculture," "Linking Ecological Studies to Biotechnology," "The Importance of Ecosystem Preserves to Preservation of Genetic Diversity of Microorganisms," and "Teaching Genetics of Host-Parasite Interactions."

Open Forums were on "Biotechnology Regulations: Responsibilities of Plant Pathologists," and the "APS Office of International Programs."

The Teach-In was titled "Recognizing Symptoms of Abiotic Plant Stress."

At the Awards and Honors program, Raymond G. Grogan was honored with the Award of Distinction. Presentations were made to the following members who were elected Fellows of the Society: Horace L. Barnett, Michael G. Boosalis, Richard A. Frederiksen, Stephen M. Garnsey, A. Morgan Golden, Cedric W. Kuhn, Frances M. Latterell, Roger H. Lawson, Gino Malaguti, Srecko M. (John) Mircetich, Nathaniel (Dick) T. Powell, and Albert D. Rovira. The Ruth Allen awardees were Deane C. Army, Steven E. Lindow, and Christen D. Upper. The CIBA-Geigy awardee was Michael A. Ellis. This year's program was made more enjoyable as personal touches and humorous items were included by the Masters of Ceremony, Luis Sequeira and Anne Vidaver. A festive reception with music followed the awards ceremony.

President Anne K. Vidaver addressed the Society on the subject, "An Assessment of Women in Plant Pathology." This presentation was a frank assessment of facts, realities, and perceptions about women and men in our profession. Ten recommendations were presented for implementation (see the published text of this address).

Highlights from the business meeting included an invitation by Drs. K. Kishi and S. Ouchi to attend the Vth International Congress of Plant Pathology to be held in Kyoto, Japan, in August, 1988; an announcement that the new journal, *Molecular Plant-Microbe Interactions*, will be published; and an announcement that both by-laws amendments, one an adjustment for journal costs and the other on one oral presentation per person at annual meetings, were passed by mail balloting. Treasurer H. Ronald Cameron gave a synopsis of the APS financial situation. The APS budget is tight but adequate for our many activities. Membership as of June 30 was 4,224. A concern is that student membership is down. Chairman of the APS Foundation board of directors, James F. Tammen, told the membership that the Foundation had a good first year and gave details of the organization. Director of the Office of International Programs, Charles J. Delp, gave details of this arm of APS which also is in its first year. North Central Division awards for the best student oral and poster presentations and the Division Award of Distinction were presented. New APS officers were announced—Paul H. Williams was elected vice-president, Randall C. Rowe was elected councilor-at-large, and Melvin L. Lacy was installed as councilor from the North Central Division. The new editors-in-chief will be D. Michael Benson, *Phytopathology*; Richard W. Smiley, APS Press, and George Bruening, *Molecular Plant-Microbe Interactions*.

The North Central Division met in conjunction with the parent society. Social and special events included receptions; morning coffees and breakfasts; luncheons; alumni, women, and graduate student socials; spouse hospitality room; and an industry/extension sunset cruise. Special attractions included a Riverboat Luncheon Cruise, a Cincinnati Art Museum and Mount Adams tour, and a Zoo and Proctor & Gamble tour.

Sites of the next APS annual meetings are: November 13-17, 1988, San Diego, CA; August 19-24, 1989, Richmond, VA; and August 12-16, 1990, Grand Rapids, MI (joint with CPS).

The theme for the 1988 meeting is "Perspectives in Plant Health Management—Issues of Public Concern." We look forward to seeing you in San Diego next November after the ICPP in Kyoto, Japan.

REPORT OF COUNCIL MEETINGS

President Anne K. Vidaver presided at the mid-year council meeting held at APS Headquarters March 19-22, 1987, as reported in *Phytopathology News* (Vol. 21, No. 7, 1987). She also presided at council meetings held in Cincinnati, August 1-6, 1987. President Albert R. Weinhold presided at the new council meeting on August 6, 1987. All council members were present. R. C. Rowe completed his term and was replaced by Melvin L. Lacy as North Central Division councilor. R. Rodriguez-Kabana completed his term as Caribbean Division councilor. The election of Paul H. Williams as vice-president and Randall C. Rowe as councilor-at-large was announced. G. E. Shaner will complete his term as editor-in-chief of *Phytopathology*

and will be replaced by D. Michael Benson. G. N. Agrios will complete his term as editor-in-chief of APS Press and be replaced by Richard W. Smiley. Other council members completing their terms were Luis Sequeira, past president, and D. C. Ramsdell, councilor-at-large. The council expressed appreciation for their dedicated service to APS.

The financial report by H. R. Cameron showed that APS is still financially sound, but funds are barely adequate for the many important projects and activities of our society. Membership dues and subscriptions to *Phytopathology* and *Plant Disease* are down from last year. Membership remained stable at around 4,224.

President-elect A. R. Weinhold reported a very full program with considerable emphasis on biotechnology. President Anne K. Vidaver and other APS members have worked actively during the year with regulatory agencies on the issue of biotechnology regulation. The Regulatory Work and Foreign Plant Disease Committee is concerned that phytopathologists' responses to federal guidelines do not have adequate impact because responses are not procedurally correct and documented.

The APS Foundation was approved by the membership, a board of directors was appointed with James F. Tammen as chairman, an organizational plan was developed, two types of financial campaigns (annual giving program and endowment drive) were either planned or started, and the first awards by the Foundation were made at the Cincinnati business meeting.

The Office of International Programs with Charles J. Delp as director also began operations this year. An advisory board was appointed and met in April, 1987. A draft manual of operations is under consideration and several standing committees have been established as follows: Communications, Laboratory Assistance, Library Assistance, Liaison, Professional Development, Projects, and Registry and Placement.

APS publications are still major sources of income for our Society and are operating smoothly. APS Press had a good third year with seven new books published and 19,372 books of 67 different titles sold. To consolidate operations of APS Press, two Society General Policy committees were made subcommittees of APS Press after approval by the committees. These committees were the Illustrations of Plant Pathogens and Diseases Committee and the Phytopathological Classics Committee.

Phytopathology published 299 research articles in the past year; 420 manuscripts were submitted with an acceptance rate of 69% (well below average of past years' rates). A fifth senior editor was approved for *Phytopathology*. As an aid to finding annual meeting abstracts, the author index from the annual meeting program will be published with abstracts in the future. *Plant Disease* published 245 research articles (acceptance rate of 71%), 14 New Disease and Epidemics, and 76 Disease Notes. A major goal of this journal is to meet the needs of all segments of our Society. New sections, such as Descriptions of Computer Programs and a Short Communications section will be initiated soon. *Phytopathology News* will have a new editor; with the end of Charles C. Powell's term, Laurence D. Moore will become editor. A new journal, *Molecular Plant-Microbe Interactions*, was approved by Council in March and the first issue will be out in November or December. This journal, although published under the aegis of APS Press, will not be an "official" journal of our society because, to be successful, cooperation of scientists in other disciplines is needed. Page charges will not be assessed and much of the cost of the journal will be met with library subscriptions. Guidelines for the journal were approved by Council.

The Intersociety Consortium for Plant Protection received a setback with the withdrawal of the Entomological Society of America from the Consortium.

There are 43 standing committees in APS, with 544 members on these committees. Council spent considerable time discussing reports and requests of committees. Council is considering a periodic review of each committee; this matter will be discussed further at the mid-year Council meeting. The Chemical Control Committee plans to update the document on Contemporary Control of Plant Diseases, largely with EPA funding. The Awards and Honors Committee met with the APS Executive Committee to discuss the Lee Hutchins Award. More publicity about the nomination procedure will be made through the Deciduous Tree Fruit and Nut Workers Group. Award Guidelines have been changed from nominations limited to publications on virus diseases to publications on all diseases of fruit and nut crops. Consideration for this award was also changed from previous three years to previous 10 years.

Council previewed the promotional film prepared by the Public Relations Committee. A demographic survey of our membership was approved. The mid-year council approved new nominating procedures (see *Phytopathology News* Vol. 21, No. 7) which will go into effect with the 1988 elections. More articles on plant pathologists need to be submitted for publication in the CAST magazine, *Science of Food and Agriculture*, which goes to high schools. A President's Forum will be initiated at the San Diego meeting. The purpose of the Forum is to foster better understanding among scientific disciplines. Milton Schroth was appointed APS

representative to the International Committee on Microbial Ecology; Council felt that activities of this organization warranted APS representation. Short courses and workshops will be sponsored by APS to offer more in-depth, hands-on training in specific technologies. At future national meetings, divisional Student Paper Competitions may need to be grouped to facilitate logistics. The Women in Plant Pathology survey was completed and results will be published. Council reaffirmed previous policy that abstracts submitted for the annual meeting may be withdrawn, but cannot be altered after submission. Mid-year council meetings will be held March 25-27, 1988.—O. W. Barnett

REPORT OF BUSINESS MEETING

President Anne K. Vidaver called the meeting to order Wednesday, August 5, in the Cincinnati Convention Center. Ralph Green was appointed parliamentarian. The agenda was presented and approved.

President Vidaver summarized highlights of the year. Biotechnology regulation issues have required much attention. A more coordinated effort by the scientific community is needed to influence federal regulations, but this may not be possible. The Women in Plant Pathology survey has highlighted concerns and problems confronting women in our Society. An Ad Hoc Committee on Exobiology and Space Plant Pathology was also appointed. Nomination procedures have been altered to make it easier for individuals to be nominated. A new journal will be started by the end of 1987. Attendance at division meetings has been one of the most enjoyable duties of the presidency. An APS Foundation and an Office of International Programs were begun and are off to a good start. A President's Forum will be started at next year's meeting to allow an interchange of ideas among societies.

The secretary's and treasurer's reports were given (see Reports of Officers, following). Publications were reviewed by G. N. Agrios, APS Press editor-in-chief; G. E. Shaner, *Phytopathology* editor-in-chief; and C. W. Horne, *Plant Disease* editor-in-chief. Luis Sequeira reviewed progress on *Molecular Plant-Microbe Interactions* for George Bruening, who was appointed the first editor-in-chief.

Customary committee reports were presented, including reports of the Necrology Committee by O. W. Barnett, and the Site Selection Committee by D. E. Mathre. Noel Keen invited APS members to San Diego, CA, November 13-17, 1988. K. Kishi and S. Ouchi, representing the Organizing Committee of the Vth International Congress of Plant Pathology, invited members to Kyoto, Japan, in August, 1988.

By-laws amendments on adjustments for journal costs to members and the number of oral presentations per person at annual meetings both passed by wide margins on the mail ballot.

James F. Tammen, chairman of the APS Foundation board of directors, reported that gifts to the Foundation have been \$23,362, plus the Stakman Fund was transferred to the Foundation. The 1988 Genesis Foundation Awards, to encourage innovation and scientific inquiry, will be announced in *Phytopathology News*. The first three APS Foundation Library Assistance Awards for Third World Institutions were made to: Makerere University, Kampala, Uganda, Africa; Shanghai Agricultural College, Shanghai, Peoples Republic of China, Asia; and the University of Mayor San Simon, Cochabamba, Bolivia, Latin America.

The Public Relations Committee presented the premier showing of the film, "Health Plants—Our Future," largely written and directed by B. C. Haning and C. L. Campbell to promote the profession of plant pathology.

North Central Division Student Paper Awards were given by M. O. Garraway and M. L. Lacy. First place Oral Presentation Award was a tie and was presented to L. Kinkel and G. S. Gilbert, both of the University of Wisconsin. The first place Poster Presentation Award was presented to K. F. Ireland, Michigan State University, and tied second place awards were presented to J. Wilson, Purdue University, and M. J. Bussey, University of Wisconsin. C. Curtis, president of the North Central Division, presented the division's Award of Distinction to A. F. Schmitthenner for his outstanding research in soybean diseases.

President Vidaver expressed appreciation to the Local Arrangements Committee, chaired by Michael Ellis; to APS headquarters staff; to outgoing APS Press editor-in-chief G. N. Agrios, and associate editors L. D. Dunkle and B. L. Teviotdale; to outgoing *Phytopathology* editor-in-chief G. E. Shaner, and senior editors O. W. Barnett, D. M. Benson, S. M. Lim, and N. K. Van Alfen; to council members R. Rodriguez-Kabana, Caribbean Division counselor; R. C. Rowe, North Central Division counselor; D. C. Ramsdell, senior councilor-at-large; and Luis Sequeira, immediate past president. Incoming council members were announced: M. L. Lacy, North Central Division counselor; R. C. Rowe, councilor-at-large; R. W. Smiley, APS Press editor-in-chief; D. M. Benson, *Phytopathology* editor-in-chief; and P. H. Williams, vice-president. The membership expressed gratitude to President Anne K. Vidaver for her service to APS. The gavel was passed to the new president, Albert R. Weinhold.—O. W. Barnett

REPORT OF OFFICERS

Report of the President. The President is involved in many activities and actions on behalf of the Society. Some of these are briefly described here.

Biotechnology Regulations. I, and several others in the Society, have been very vocal in biotechnology regulation issues at the federal level. This includes written comments on published documents as well as participating in several workshops and committees under the auspices of NIH, EPA, and USDA. Some progress has been made in having a reasonable and unified policy based on sound scientific principles, but much remains to be done. Our Society will continue these efforts and dialogues because so much of our ability to work in the environment is at stake.

Publications. The Society continues to be extremely active in publications. The new journal titled *Molecular Plant-Microbe Interactions* is coming along extremely well under the able leadership of G. Bruening, editor-in-chief. There has been much discussion about this journal in other forums, so such material will not be repeated here.

APS Press is also in the exploratory phase of determining whether the Society should become involved in the production, use, distribution, and sale of both computer software and video cassettes. The video cassettes on display at this annual meeting were very impressive.

The promotional film has been completed. Sales and distribution also will be through APS Press. Drs. Blanche Haning and Lee Campbell are particularly commended for their efforts in this regard. This film was partly financed through member dues.

It has been a difficult year for *Phytopathology News* due to the financial restrictions imposed by Council. Members have let Council know that this is a very important part of their professional lives. Consequently, full pagination has been restored. In addition, Dr. Larry Moore will become the next editor.

Nomination Process. I was pleased to have Council change this process upon my recommendation. This change, to have one set of nominees nominated by the Nominations Committee, should increase the participation of members from small departments and units, as well as from government and industry. This revised procedure should make it easier for many other talented individuals to serve our Society.

Women in Plant Pathology Survey. This survey, initiated at my request, is completed and will be published, probably in *Phytopathology News*. We are very pleased with the results. Women are generally well-regarded and accepted in the Society and profession. Some concerns in problem areas were highlighted in my presidential address, along with specific recommendations for individuals and the Society.

Ad Hoc Committees. I appointed one committee, the Member Survey Committee, to assess how the Society is meeting the needs of all members, to obtain demographic information for our own marketing purposes as well as for those who wish to provide us with goods and services, and to ask how members wish to have their money spent. For example, we provide many services, not all of which are used by everyone, thus the questions will be helpful to individuals and also to the Society as a whole.

The second committee I appointed was the Committee on Exobiology and Space Plant Pathology. This was done in response to a request by NASA for potential participation in upcoming life science programs associated with space modules.

APS Foundation. The APS Foundation is progressing well, and its activities are summarized elsewhere in this report. Support of the Foundation and its activities is gratifying.

Office of International Programs. This office, in its infancy, is considering a very active and ambitious program to involve all Society members who are interested in international activities. A report of its activities is found elsewhere in this annual report.

President's Forum. A President's Forum for improving interdisciplinary communication will be initiated next year, as approved by Council. This forum would take place at the annual meeting. The idea is to increase scientific and policy awareness of other biological societies' officers and our own. For example, the American Society for Microbiology and its officers are not very familiar with our profession, but that society's support is critical for many issues we face, particularly in biotechnology regulation. It is my contention that plant pathologists are much more aware of what is happening in other disciplines than vice versa, hence the effort to increase our mutual understanding of one another's science.

Participation in Other Meetings. I have participated in the Intersociety Consortium for Plant Protection. This includes having the Consortium explore the issue of supporting specialty chemical legislative efforts for small markets. Such chemicals would be analogous to specialty drugs for small numbers of people. These commercially risky drugs are legislatively supported, principally by tax incentives through the so-called Orphan Drug Act, which benefits people. I have been asked to prepare a position paper for the ISCPP to consider. I had previously explored this issue with the research directors of the National Agricultural Chemical Association

and they have shown an interest in pursuing this issue.

I regret to say that Entomology has apparently withdrawn from the Consortium. We are asking them to reconsider in view of the problems we collectively face in plant protection, from pesticide use and registration to biotechnology issues. However, the participation of Entomology may not occur. One possibility the Consortium will explore is broadening its scope to plant health, including a name change to the Consortium for Plant Health or other designations. Such societies as the American Society for Agronomy, Soil Science Society of America, and Horticultural Science would then be invited to join the Consortium. Your views on this potential change in focus are solicited.

I have also had the pleasure of attending several division meetings. This includes the Northeast, Potomac, Pacific, and Southern Division meetings at their respective sites, as well as the North Central Division meeting held in conjunction with the annual meeting in Cincinnati. The Caribbean Division did not meet during my tenure. These meetings are delightful for presidents to be able to visit with so many people personally, and to take part in the many activities sponsored by the divisions, from paper sessions to outings. Such meetings were clearly one of the most pleasurable activities of previous presidents, and I fully concur with this assessment.

General Comments. The financial status of the Society is adequate and improving. Further details will be found under the Treasurer's report.

I met with the deputy administrator in extension, Dr. V. Jennings, and also the national program leader in pesticides applicator training and weed science, Dr. J. Parochetti, for the purpose of requesting consideration of refilling the position in plant pathology of the national program leader in extension plant pathology. I particularly made the point that such a person could be extremely valuable in coordinating efforts for public education in newer areas of biology, such as genetic engineering.

Bylaws Changes. The bylaws passage of the amendment to Section 1, related to the second journal adjustment, passed by a heavy margin: 722 for, 296 against. Its passage should assist us financially in the next fiscal year.

The bylaws passage of the amendment to Section 6: 898 for, 128 against, related to one oral presentation at the annual meeting. This should assist in scheduling papers at the annual meeting.

Review of Long-Range Plan for APS. In reviewing the 1982 document on a long-range plan, we have done very well in most of the key issues that were identified: (1) annual meeting, (2) publications, (3) assessment of adequacy of headquarters location and staff, (4) education and training, (5) promotion of scientific excellence, and (6) responding to changes in crop production. Thus, as one looks back over the five-year period since that publication, it is clear that we are evolving as a scientific organization and discipline in very positive ways. This indicates that our Society is a dynamic, effective, and caring Society.

Expression of Thanks. I thank the membership for the opportunity and privilege of serving our Society. The officers, councilors, and headquarters staff were indispensable for my functioning, as well as for that of the Society as a whole. Our Society and headquarters staff are fortunate in having many talented and dedicated people. This Society is certain to prosper in many ways in the coming years.—*Anne Vidaver*

Report of the Secretary. APS total membership as of June 30, 1987 was 4,224, in categories as follows: regular, 3056; student, 565; emeritus, 368; husband/wife, 79; student/spouse, 75; sustaining associate, 58; life, 13; and group, 10.

The remainder of the secretary's report is given via the recorded minutes.—*O. W. Barnett*

Report of the Treasurer. The past year has been one of consolidation and re-examination of our financial goals. Council had budgeted a slight surplus (less than one percent of total income) for FY 87. Unfortunately, total income was substantially below expectations in a number of major income areas. Thus, the Society incurred a slight out-of-pocket deficit of \$3,625. Not large when compared with total income of \$1,666,154 and total expenses of \$1,669,779.

During the year, Council and staff made a major effort to reduce expenses from the original budget in order to compensate for the drop in income. Fortunately, these efforts were successful and a reduction of \$50,214 in budgeted expenses was accomplished. Obviously some projects had to be delayed and staff kept tight control on overhead.

Total assets of the Society, including our reserve funds, are \$1,400,518. While the headquarters building and land is carried on the books at a depreciated value (\$132,508) for accounting purposes, its actual market value is about four times higher. In the past ten years our assets have more than trebled, from about \$425,000 in 1977 to the current value. Thus, our overall financial condition is good.

The trend that was observed last year in connection with decreasing library sales of the journals continued, although at a lower rate. We anticipate a leveling off in FY 88, thus providing a more stable income from

that source. Adjustments in member prices for a second journal were approved for the coming year and that should help balance the increasing gap between cost and selling price. Our very good control of expenses in FY 87 helped offset the decrease in budgeted income, however there is increasing pressure to have the Society pay for more logistical support of volunteer editors and committees, thus, increasing our expenses long term. Headquarters staff is being asked to furnish many of the services that were provided gratis by volunteers in earlier years. While these trends are being experienced by other societies as well as APS, the result is higher operating

costs.

The Financial Advisory Committee is alert to the need to hold expenses and increase income. We look forward to a greater contribution from APS Press as that operation matures and more titles join its catalog. It is anticipated that the coming year will see improved income from the traditional sources. This should put us back on track for FY 88 and FY 89.

I wish to thank members of the Society, and the Financial Advisory Committee in particular, for their support during the past year.—
H. Ronald Cameron

**Report
of the
Auditor**

We have examined the balance sheet of THE AMERICAN PHYTOPATHOLOGICAL SOCIETY (a nonprofit corporation) as of June 30, 1987, and the related statements of income and expenses and membership equity and changes in financial position for the year then ended. Our examination was made in accordance with generally accepted auditing standards, and accordingly included such tests of the accounting records and such other auditing procedures as were considered necessary in the circumstances.

In our opinion, the accompanying statements present fairly the financial position of The American Phytopathological Society at June 30, 1987, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a consistent basis.—*Phillips & Swanson, Certified Public Accountants*

**Notes to Financial Statements
June 30, 1987**

Accounting Procedures. The accounts of the Society are maintained in accordance with the principles of fund accounting. Under this method, major expense categories are established according to their nature and purpose. The costs of various programs have been summarized on a functional basis. Certain costs have been allocated among the programs and supporting services benefited.

These statements do not include financial data for geographical divisions, which are composed of members of the Society. These divisions maintain their own financial records and costs of activities.

Land, Building, and Equipment. Land, building, and equipment are included at one-half the total cost of these assets. The American Association of Cereal Chemists, Inc. shares equally in the cost of the property and shares headquarters space with the Society.

The note payable to Norwest Bank is secured by equipment with an approximate cost of \$81,000 (Society's one-half share = \$40,500).

Summary of land, building, and equipment:

	June 30	
	1987	1986
Land	\$ 27,047	\$ 27,047
Building and improvements	209,519	184,897
Parking lot	10,075	...
Equipment	283,094	289,551
	<u>\$529,735</u>	<u>\$501,495</u>
Less - Accumulated depreciation	277,751	257,139
	<u>\$251,984</u>	<u>\$244,356</u>

Depreciation is computed over the estimated useful lives of the assets on a straight-line basis.

Shared Expenses. In addition to sharing headquarters space and occupancy expenses with The American Association of Cereal Chemists, Inc., certain office and administrative expenses are paid jointly by the two societies. Such expenses are prorated in relation to payroll and other measures.

The account payable to AACC in the amount of \$34,168 at June 30, 1987, represents, primarily, unpaid shared expenses.

Notes Referred to on Financial Statements.

1) Accounts receivable. An allowance for doubtful accounts in the amount of \$4,000 was deducted from receivables at June 30, 1986. This allowance has been eliminated. Commencing with the current year, receivables will be deducted as they are determined to be uncollectible.

2) Prepaid expenses. Prepaid expenses represent advance payments for services and supplies which will benefit subsequent years. The amounts shown represent:

	June 30	
	1987	1986
Annual meeting	\$46,769	\$40,991
Books in press (net of contributions received which offset		

a portion of the publishing costs)	(1,827)	(17,473)
Dues and promotion	...	24,759
Supplies and service contracts	1,626	4,822
Pre-publication costs - new journal	13,164	...
Unexpired insurance and other	9,806	9,310
	<u>\$69,538</u>	<u>\$62,409</u>

3) Marketable Securities. Marketable securities are reported at cost, if purchased, or at market value at the date of receipt, if donated to the Society. A summary of marketable securities follows:

	June 30	
	1987	1986
\$2,000 Western Union Bonds maturing 1992	\$ 2,060	\$ 2,060
230 common shares Pacific Lighting	6,088	6,088
110 common shares General Motors and 10 common shares Electronic Data Systems and 5 common shares Hughes Electronic Corp. (above two received as dividends on General Motors shares)	10,516	10,516
27 common shares St. Paul Securities, Inc.	317	317
14 units Paine Webber Corporate Securities Trust	14,075	14,652
735 common shares Commonwealth Edison Co.	25,125	...
636 common shares Pennsylvania Power & Light Co.	25,257	...
716 common shares Southern California Edison Co.	25,015	...
416 common shares Tucson Electric Power Company	25,043	...
Total cost	<u>\$133,496</u>	<u>\$33,633</u>
Approximate fair market value at June 30, 1987	<u>\$131,085</u>	<u>\$36,570</u>

4) Note Payable—Bank. The Society and The American Association of Cereal Chemists, Inc. are jointly liable to Norwest Bank for funds borrowed to purchase computer equipment. This equipment is collateral to the loan.

Total owed at June 30, 1987 \$24,150

**Statement of Changes in Financial Position
for the Years Ended June 30, 1987 and 1986**

	Year Ended June 30	
	1987	1986
Source of Funds:		
Excess of income over expenses	\$ 28,937	\$ 14,839
Depreciation, which does not affect working capital	55,671	43,416
Long-term borrowing for equipment purchases	...	12,075
	<u>\$ 84,608</u>	<u>\$ 70,330</u>
Application of Funds:		
Building remodeling, parking lot and equipment purchases	\$ 63,299	\$ 94,658
Repayment of long-term borrowing	10,350	...
	<u>\$ 73,649</u>	<u>\$ 94,658</u>
Increase - (Decrease) in working capital	<u>\$ 10,959</u>	<u>\$ (24,328)</u>

(See accompanying notes to these financial statements.)

Society's one-half share—shown as currently due included as long-term

\$10,350
1,725

\$12,075

The Society's portion of the total monthly payment equals \$863, plus interest computed at .5% in excess of the bank's base rate.

5) Pension Plan. There were no changes made to the actuarial assumptions or the actuarial cost method this year. As of the latest valuation date, the Plan remained top heavy, hence requiring the minimum benefits for non-key employees and the more rapid vesting schedule. The actuary determines the maximum and minimum deductible contributions allowable for each year. In all years prior to the year ended June 30, 1983, the Society has invested the maximum deductible contribution in the plan. The actuary has advised that the credit balance in the funding standard account can be used to reduce future contributions. The liability recorded represents the Society's estimate of the current year's plan contribution, accrued to date, based on a contribution of the minimum allowed amount, with no further reduction to utilize a portion of the credit balance in the funding standard account. An unfunded supplemental liability of approximately \$37,300 is to be funded by future annual supplemental contributions to the plan.

6) Deferred Revenues. Deferred revenues represent advance receipt of amounts not earned, but which will be included in income in future years. The amounts shown represent:

ANNUAL FINANCIAL STATEMENT OF THE AMERICAN PHYTOPATHOLOGICAL SOCIETY

Balance Sheet—June 30, 1987 and 1986

	Current Operating Fund	Restricted (Schedule Attached)	Total All Funds June 30	
			1987	1986
Current Assets:				
Cash—Checking	\$ 10,805	\$...	\$ 10,805	\$ 5,739
Savings	352,230	198,552	550,782	578,751
Accounts receivable (Note 1)	156,823	...	156,823	132,038
Inventories	225,890	...	225,890	221,910
Prepaid expenses (Note 2)	69,538	...	69,538	62,409
Marketable securities (Note 3)	10,516	122,980	133,496	33,633
	<u>\$825,802</u>	<u>\$321,532</u>	<u>\$1,147,334</u>	<u>\$1,034,480</u>
Land, Building, and Equipment (at cost) less accumulated depreciation				
	251,984	...	251,984	244,356
	<u>\$1,077,786</u>	<u>\$321,532</u>	<u>\$1,399,318</u>	<u>\$1,278,836</u>
Current Liabilities:				
Current maturity of note payable—bank (Note 4)	\$ 10,350	\$...	\$ 10,350	\$ 10,498
Accounts payable	59,627	...	59,627	58,406
Due to American Association of Cereal Chemists, Inc.	34,168	...	34,168	40,616
Accrued payroll	17,264	...	17,264	13,068
Accrued pension (Note 5)	34,860	...	34,860	33,800
Property taxes payable	12,625	...	12,625	13,675
Deferred revenue (Note 6)	541,286	...	541,286	438,222
Total current liabilities	<u>\$710,180</u>	<u>\$...</u>	<u>\$ 710,180</u>	<u>\$ 608,285</u>
Notes Payable - (Note 4)	1,725	...	1,725	12,075
Contingent Liability				
Employee benefits (Note 7)	...	...	...	...
Membership Equity				
	365,881	321,532	687,413	658,476
	<u>\$1,077,786</u>	<u>\$321,532</u>	<u>\$1,399,318</u>	<u>\$1,278,836</u>

(See accompanying notes to these financial statements.)

	June 30	
	1987	1986
Membership dues	\$179,466	\$161,992
Subscriptions - <i>Phytopathology</i>	158,651	142,509
<i>Plant Disease</i>	107,774	86,276
Annual meeting	76,331	38,077
Annual reviews	1,560	3,721
Books and other	17,504	5,647
	\$541,286	\$438,222

7) **Contingent Liability - Employee Benefits.** Effective April 1, 1983, the Society is self-insuring a portion of the medical care costs for eligible employees. Under this plan, sickness and accident benefits are not paid by the health care insurer until the total costs for the year exceed \$2,600 per employee. The first \$100 is paid by the employee and the remaining costs up to a total of \$2,500 will be paid by the Society. The American Association of Cereal Chemists, Inc. is participating in this partial self-insurance program.

Consequently, most costs which will be paid by the employer will be shared by the two societies. Claims paid during the current year totaled \$18,200. No reserve is carried for the payment of future claims. The maximum liability per year per society is approximately \$53,750.

Current Restricted Funds. The Society maintains seven funds which are restricted by the donor, grantor or others for particular operating purposes or for plant acquisition. These funds are reported separately.

The Ruth Allen Award Fund was established in 1965, by means of gifts under the will of Ruth Allen by the executor Cecil Yarwood, and from her heirs: Sam Emsweller, Mabel Nebel, Hally Sax, and Evangeline Yarwood. The award, which consists of a certificate and the income from the invested fund, is given for innovative research contributions that have changed, or have the potential to change, the direction of work in any area of plant pathology.

The APS Endowment Fund was established by the Council in 1980, as a result of a bequest of \$5,000 from the estate of Dr. E. C. Stakman, former APS president and early member of the Society. The fund balance of \$8,789 was transferred to the APS Foundation Fund during the current year.

**Statement of Current Funds Income and Expenses and Membership Equity
for the Years Ended June 30, 1987 and 1986**

	Current Operating Fund	Restricted (Schedule Attached)	Total All Funds June 30	
			1987	1986
Income:				
Membership dues	\$ 289,046	\$...	\$ 289,046	\$ 279,987
Subscriptions	481,132	...	481,132	456,723
Reprints	69,554	...	69,554	62,441
Page charges	188,612	...	188,612	167,465
Back issues	18,569	...	18,569	18,006
Books	348,617	...	348,617	404,067
Annual reviews	13,229	...	13,229	11,955
Annual meeting	145,781	...	145,781	151,724
Advertising	45,297	...	45,297	26,745
Other	45,863	...	45,863	14,074
Total operating income	\$1,645,700	\$...	\$1,645,700	\$1,593,187
Contributions received	...	18,159	18,159	500
Investment income	20,452	19,285	39,737	44,942
Total income	\$1,666,152	\$ 37,444	\$1,703,596	\$1,638,629
Expenses:				
Member services	\$ 146,414	\$...	\$ 146,414	\$ 167,610
<i>Phytopathology</i>	329,550	...	329,550	290,117
<i>Phytopathology News</i>	21,886	...	21,886	44,006
<i>Plant Disease</i>	292,189	...	292,189	331,766
Books	274,586	...	274,586	316,776
Annual meeting	146,605	...	146,605	146,339
Building operations and depreciation	55,317	3,074	58,391	50,252
Awards	...	922	922	841
General administration	403,233	883	404,116	276,083
Total expenses	\$1,669,780	\$ 4,879	\$1,674,659	\$1,623,790
Excess of (expenses) over income	\$(3,628)	\$ 32,565	\$ 28,937	\$ 14,839
Membership Equity, Beginning of year	373,611	284,865	658,476	643,637
Fund Transfers (See schedule of restricted funds)				
To restricted funds	(12,070)	12,070	...	...
From restricted funds	7,968	(7,968)	...	...
Membership Equity, End of year	\$ 365,881	\$321,532	\$ 687,413	658,476

(See accompanying notes to these financial statements.)

The Lee M. Hutchins Fund is the result of a bequest from the estate of Lee M. Hutchins. The fund is restricted by the provisions of Dr. Hutchins' will. The principal of the fund must be invested in long-term interest-bearing industrial bonds or their equivalent. The fund shall be continued indefinitely. The annual net income earned from the investments is to be used to make periodic awards in recognition of an outstanding contribution to the field of fruit-plant virus diseases published in *Phytopathology* during the previous year.

The APS Building Maintenance Reserve was established by the Council. The purpose of the reserve is to provide funds for replacement of major mechanical equipment in the headquarters building or for other significant maintenance needs. The reserve will be supported by an allocation from operating income of \$5,000 per year. The building co-owner, The American Association of Cereal Chemists, Inc. makes a similar contribution.

The APS Capital Improvement Fund was established by the Council. The purpose of the fund is to provide monies for capital improvements in connection with the headquarters building. These improvements may be in the form of additions to the present building, construction of new buildings on present real estate, or purchase of additional real estate for building purposes. The fund is supported by accumulation and investment of the current depreciation schedule of the building, which is approximately

\$7,070 per year. The building co-owner, The American Association of Cereal Chemists, Inc. makes a similar contribution.

The APS Auto Replacement Fund was established by the Council. The purpose of the fund is to provide monies for replacement of transportation equipment as needed. No funds were transferred during the current year.

The APS Foundation Fund was established by the Council for use by the Foundation according to Constitutional provisions approved by the membership in October, 1986. The Foundation will fund nonoperating programs for the benefit of students, professional members of the Society, and scientists in developing countries.

The Operating Reserve Fund is a restricted fund established by the Council to accumulate sufficient monetary reserves to meet the financial long-range goals established by the membership. These goals include an Operating Reserve of at least one-half of the current operating budget. The fund is to be established as rapidly as the Council believes prudent. The purpose of the fund is to provide resources to the Society in the event of a financial emergency so the basic programs of APS will not be interrupted. The Operating Reserve Fund may be used on approval of the Treasurer for cash flow needs.

Schedule of Restricted Funds for the Year Ended June 30, 1987

	Balance June 30, 1986	Investment Income	Contributions Received	Transfers from Operating Fund	Disbursements and Expenses	Intra-Fund Transfers	Balance June 30, 1987
Ruth Allen Fund	\$ 12,304	\$ 1,090	\$...	\$...	\$1,194	\$...	\$ 12,200
APS Endowment Fund	8,474	428	...	...	113	(8,789)	...
Lee M. Hutchins Award Fund	19,390	1,648	...	...	412	...	20,626
Building Maintenance Reserve Fund	17,763	945	...	5,000	3,074	821	21,455
Capital Improvement Fund	...	...	...	7,070	1,694	(821)	4,555
Auto Replacement Fund	10,191	293	...	...	6,274	...	4,210
APS Foundation Fund	515	324	18,159	...	86	8,789	27,701
Operating Reserve Fund**	216,228	14,557	...	...	...	...	230,785
	<u>\$284,865</u>	<u>\$19,285</u>	<u>\$18,159</u>	<u>\$12,070</u>	<u>\$12,847</u>	<u>\$...</u>	<u>\$321,532</u>

Disbursements include - \$ 3,074 Building maintenance
 922 Awards
 883 Administration expenses
 7,968 Transfers to operating fund
\$12,847

**Operating Reserve Fund - See notes to financial statements, restricted funds.

(See accompanying notes to these financial statements.)

REPORTS OF SOCIETY PUBLICATIONS

Report of the Editor-in-Chief of APS Press. *APS Press Books.* In its third year of operation, APS Press sold 19,372 books of 67 different titles, bringing in a gross income of \$346,546 while it incurred \$269,920 in expenses (before overhead, unaudited). The books sold included 14,487 compendia, 3,514 non-series books, 537 monographs, 523 symposia, and 311 classics.

During FY 1987 APS Press produced seven new books: 2 compendia ("Rhododendron and Azalea Diseases" and "Ornamental Foliage Plant Diseases"); 3 non-series books ("Crop Loss Assessment and Plant Management," "A Literature Guide for the Identification of Plant Pathogenic Fungi," and "The Nature of Plant Diseases"); 1 symposium ("Pathogenicity of the Pine Wood Nematode"); and 1 annual publication (Vol. 2 of "Biological and Cultural Tests for Control of Plant Diseases").

The following nine manuscripts are undergoing review and revision and

are scheduled to be published in fiscal year 1988: 4 non-series books ("Laboratory Exercises in Plant Pathology," "Detection of Pathogenic Bacteria in Seed and Plant Propagative Parts," "Maize Diseases: A Reference Source for Seed Technologists," and "Laboratory Guide to the Identification of Plant Pathogenic Bacteria, 2nd ed."); 3 compendia ("Sweet Potato Diseases," "Wheat Diseases, 2nd ed.," and "Grape Diseases"); 1 symposium ("Verticillium and Leptographium Root Pathogens of Conifers"); and 1 annual publication ("Biological and Cultural Tests for Control of Plant Diseases, Vol. 3").

APS Press has accepted proposals for publication in fiscal year 1988, with manuscripts due in 1987, for the following: 4 non-series books ("Diagnosing Plant Diseases, Vol. 1," "Blue Mold of Tobacco," "Soybean Diseases in the North Central Region," and "Fungicide Resistance in North America"); 2 compendia ("Bean Diseases" and "Citrus Diseases"); and 1 monograph ("Barley Yellow Dwarf," revision).

The following proposals have been accepted and manuscripts are due in

1988: 4 non-series books ("Diagnosing Plant Diseases," volumes 2 and 3, "Control of Soilborne Pathogens with Macro- and Microelements," and "Serological Tests for Detection and Identification of Viral and Bacterial Plant Pathogens"); 4 compendia ("Apple and Pear Diseases," "Cucurbit Diseases," "Tobacco Diseases," and "Soybean Diseases, 3rd ed."); and 2 monographs ("Apple Scab" and "Late Blight of Potato").

Proposals have been accepted or solicited for the following books but no manuscript submission dates have been set: 1 non-series book ("Fungicide, Bactericide and Nematicide Handbook"); 5 compendia ("Crucifer Diseases," "Alfalfa Diseases, 2nd ed.," "Stone Fruit Diseases," "Nut Crop Diseases," and "Tomato Diseases"); and 5 Plant Health Management series books ("Plant Health Management in Potato Production," "Plant Health Management in Corn Production," "Plant Health Management in Soybean Production," "Plant Health Management in Peanut Production," and "Plant Health Management in Wheat Production").

A proposal to publish a book on "Diseases of Cacao" was given tentative approval, pending satisfactory revision of book contents.

Inquiries have been received by APS Press regarding publication of several additional books.

Slide Sets. APS Press is now handling the reproduction and distribution of plant pathological slide sets. In FY 1987, approximately 320 slide sets were sold for approximate gross sales of \$9,000. New slide set proposals for APS Press should be submitted through the Illustrations Committee, which has the responsibility for evaluating, accepting, and preparing slide sets for production by APS Press. Two new slide set proposals are presently being reviewed.

APS Press has also approved production of slide sets from the illustrations of published compendia.

Video Cassettes. The responses to a video questionnaire sent to all plant pathology departments show that there is a great deal of interest in plant pathology video cassettes and films and that there are many of them available, varying widely in length, type, and topic covered. Most video cassettes and films cover a specific disease or method and are used primarily for teaching or extension. A demonstration of video cassettes and films was presented at the APS Cincinnati Annual Meeting. Dr. Ann Chase, University of Florida, has been coordinating this project. APS Press has agreed to review any completed tapes submitted by interested parties for possible listing, review, and distribution.

Computer Software. APS Press has sent a software questionnaire to all plant pathology departments attempting to obtain information on existence of, need for, and possible ways of listing, reviewing, and distributing plant pathology software. Dr. Richard Frederiksen, Texas A&M University, is coordinating this project. Publication of software programs and reviews is being considered by *Plant Disease*. Depending on need and interest, APS Press could review, produce, and distribute software much as it currently does with books.

APS Press Budget. APS Council voted that APS Press shall have its own budget, which it must submit to Council for approval at its midyear meeting. Council directed APS Press to budget and price its books so that APS Press will contribute a (before overhead) margin of twenty-five percent.

APS Press Journal. APS Council approved publication of a new journal, *Molecular Plant-Microbe Interactions* under the aegis of APS Press. The journal, however, will have its own editorial board and budget, both independent of APS Press.

New APS Press Editors. APS Council approved Dr. Richard W. Smiley as the new APS Press editor-in-chief to succeed George N. Agrios.

APS Council approved Drs. Cedric Kuhn, Lawrence Madden, and Art McCain as APS Press associate editors to succeed George Agrios, Larry Dunkle, and Beth Teviotdale.

Thanks. This being my last report as APS Press editor-in-chief, I would like to take this opportunity to express my sincere thanks to Miles Wimer, APS nonjournal publications manager, and Ray Tarleton, APS executive vice-president, for their constant and enthusiastic support of all APS Press initiatives and activities and for providing me and the APS Press associate editors with help whenever asked. Through them, I would also like to thank the many people of the headquarters staff who contributed in a variety of ways to the success of APS Press.

I would like to sincerely thank the APS Press associate editors, the three (Bill Fry, Bob Scheffer, and Steve Slack) who completed their terms last year, and those who are serving now (Carl Beckman, Ann Chase, Jim Cook, Larry Dunkle, Dick Frederiksen, Dick Smiley, Bob Stall, and Beth Teviotdale). They all accepted their assignments of book projects gracefully and put a tremendous amount of time and effort into reviewing book manuscripts, locating additional reviewers, and dealing with the specific authors or editors and with the headquarters staff.

I would like to thank the authors and editors of our APS Press books for trusting APS Press to do a top-quality job in publishing their books, and some of them for agreeing to write or edit a book at APS Press' request.

Finally, I would like to sincerely thank the APS Council, its treasurer H.

Ron Cameron, and the last several APS presidents (Jim Cook, John Lockwood, Luis Sequeira, and Anne Vidaver) for their vision for and support of APS Press. They were there whenever I needed them and they gave me advice and support whenever I asked.—George N. Agrios

Report of the Editor-in-Chief of *Phytopathology*. During the period July 1, 1986, through June 30, 1987, *Phytopathology* published 299 research papers with an average length of 5 pages, compared to 238 papers last year. In addition, we published 3 letters to the editor (11 pages), 9 obituaries (9 pages), and 942 abstracts (131 pages).

Of the research articles published, 56, or 18.7% were submitted by foreign contributors from Australia (10), Brazil (2), Canada (12), Colombia (2), France (1), Hungary (1), India (1), Indonesia (1), Israel (9), Japan (4), Malaysia (1), Morocco (1), New Zealand (1), Peru (1), Philippines (4), South Africa (3), South Korea (1), and Venezuela (1).

We published a total of 1,760 pages during the fiscal year. Of these, page charges were assessed on 1,625. The remaining pages, for which page charges were not assessed, included 24 pages for the listing of staff and officers of APS and the editorial board of *Phytopathology*, 20 pages for the index, 24 pages for the table of contents, 36 pages for the Annual Report, 9 pages for Awards, 3 pages for the "Author's Guide for Manuscript Preparation," 3 pages for "Acknowledgement of Reviewers," 9 pages for obituaries, 4 pages for sustaining associates, and 2 pages for the Publisher's Statement.

During the fiscal year, 420 manuscripts were submitted for publication as research articles or letters to the editor. As of July 22, 1987, 115 were still in review, 217 had been accepted or tentatively accepted for publication, and 98 had been rejected. The acceptance rate of 69% was below the average for the past 5 years, and considerably below the acceptance rate of 78% for the previous fiscal year. Data for recent fiscal years are shown for comparison.

	Fiscal Year							
	80-81	81-82	82-83	83-84	84-85	85-86	86-87	
Mss. published								
Articles	299	271	358	307	273	241	299	
Abstracts	767	999	1,713	183	1,030	1,082	942	
Total pages	1,349	1,411	1,914	1,514	1,310	1,334	1,760	
Avg. page length of res. papers	4.0	4.3	4.4	4.5	3.8	4.9	5.0	
Mss. submitted								
Total	469	392	400	407	408	438	420	
Acceptance rate	72%	68%	78%	75%	70%	78%	69%	

During the fiscal year, 59% of the research articles published in *Phytopathology* were submitted in a form for electronic processing. Articles for which manuscripts were received in OCR format were identified in each issue. The average time between acceptance of an article and its appearance in print was 27 weeks for electronically processed manuscripts, compared to 31 weeks for manuscripts submitted in conventional form. The average time between acceptance and publication for all papers published in the journal during the fiscal year was 28 weeks.

The handling of submitted manuscripts at the editorial office and by the editor-in-chief required an average of 10 days. It required an average of 23 days from the time the editor-in-chief mailed a manuscript to a reviewer until the reviewer mailed the review to a senior editor, the same as last year. The average time for editing manuscripts by senior editors was 22 days. Authors took an average of 63 days to revise their manuscripts and return them to the senior editor.

The editorial board currently consists of 34 associate editors, 13 of whom will retire at the end of 1987. They are: Charlotte Bronson, Stella Coakley, Yigel Cohen, Said Ghabrial, Freddi Hammerschlag, Ray Hammerschmidt, Penelope Hanchey, Everett Hansen, Mike Jeger, Fred Jewell, Sr., John Laurence, Marco Marchetti, and Bob Seem. On behalf of the Society I want to thank these people for the time and effort they have unselfishly devoted to the review of manuscripts. Their efforts have been critical to the maintenance of the high standards of *Phytopathology*. I also wish to acknowledge the efforts of the associate editors who will continue on the editorial board, and the many ad hoc reviewers who have assisted in the editorial process. At the end of this year, the current senior editorial board will also retire. This includes the four senior editors, O. W. Barnett, Michael Benson, Sung Lim, and Neal Van Alfen, and myself as editor-in-chief. I extend my sincerest appreciation to the senior editors for their many hours of dedicated effort. I am also pleased to announce that Mike Benson will assume the duties of editor-in-chief at the beginning of 1988. Assisting him as senior editors will be Allan Dodds, James Groth, Steven Pueppke,

and Earl Ruppel. Finally, I thank Vera Baker, Jan Sampson, and other members of the headquarters staff who have been of great help to me during the year.—*G. E. Shaner*

Report of the Editor-in-Chief of *Plant Disease*. Material published from July 1986 through June 1987 in comparison with the two previous years is tabulated as follows:

**Report of the Editor-in-Chief of *Plant Disease*
Itemization of Sections**

Sections	Printed Pages			Number of in 86-87
	84-85	85-86	86-87	
Editorials	12	12	12	12
Features	94	97	93	17
Research	741	820	814	245
New Diseases & Epidemics	104	77	44	14
Disease Notes	13	14	13	76
Focus	12	12	12	12
Special Reports	6	17	40	12
Plant Health Strategies	1	5	5	1
Letters	3	0	1	1
Fungicide/Nematicide Update	6	6	0	0
Industry News	2	0	0	0
Product & Equipment News	1	3	2	1
Masthead	12	12	12	12
Sustaining Assoc./Ad Index	12	12	12	12
Advertising (paid & house)	41	44	54	...
Author Guide	1	2	2	1
Index	10	11	11	1
Table of Contents	24	26	24	12
Errata	.25	.5	0	0
Total Numbered Pages	1,120	1,084	1,136	

Thirty-three foreign contributors out of 259, or 12.7%, published research and new disease articles. They were submitted from Australia (3), Brazil (1), Canada (6), Chile (1), China (1), Colombia (1), Israel (3), Japan (1), Mexico (2), Morocco (2), Nigeria (1), Philippines (3), Poland (1), South Africa (2), Switzerland (1), Syria (1), Western Australia (2), and New South Wales (1).

Manuscript acceptance rate was 71% for Research papers and 73% for Notes and New Diseases and Epidemics.

No major problems have been encountered this year in journal operation. Copy has been sufficient to fill sections that are expected to appear on a monthly basis. Hope continues to exist that regular columns will develop for "Industry News" and "Diagnosticians Corner." We continue to work on these.—*C. W. Horne*

Report of the Editor of *Biological and Cultural Tests for Control of Plant Diseases*. Volume 2 of the new journal was published in 1987. There were 62 test results accepted for publication and they were distributed into the following crop categories: Fruits and Nuts-3, Vegetables-22, Corn and Sorghum-5, Soybeans-4, Small Grains-12, Field Crops-4, Turfgrass-5, Ornamentals and Trees-6, and Citrus and Tropical-1. The single page reports were submitted in camera-ready form which facilitated timely publication. The journal also contained an index of materials under trial, an index of sources of materials, and a general index.

The editorial board was comprised of the following: Charles W. Averre, Michael T. Turner, Wayne F. Wilcox, Walter R. Stevenson, David S. Wysong, Lawrence D. Young, Jack Riesselman, H. Walker Kirby, Phillip F. Colbaugh, Arthur H. McCain, and Howard D. Ohr. Margery Daughtrey, John E. Watkins, and Robert W. Miller have been added as section editors for Volume 3. In addition, Vera Baker of the APS staff served as a valuable liaison and publication manager. These individuals, in addition to the contributing authors, helped to make this venture a success. Their efforts are appreciated.—*J. R. Hartman*

REPORTS OF REPRESENTATIVES

Report of the Representative to the American Institute of Biological Sciences. The 1987 annual meeting of AIBS was held on the campus of Ohio State University in Columbus. The theme of the meeting was "200 Years of Progress, 1787—The Northwest Ordinance, 1887—The Hatch Act, 1987—The New Technology Highways to the Future." Entomologist Perry L. Adkisson was presented with the 1987 AIBS Distinguished Service

Award. Dr. Adkisson, currently distinguished professor of entomology and chancellor of the Texas A&M University system, was recognized for his years of service to agricultural sciences. The keynote address was given by Dr. Paul R. Ehrlich, Bing professor of population studies at Stanford University. Dr. Ehrlich's talk was entitled "Population Biology, Conservation Biology and the Future of Humanity."

Dr. Julie Ann Miller has been named the new editor of *BioScience*. Dr. Miller, a writer, editor, and research biologist, was the life sciences editor of *Science News*. Dr. John Patrick Jordan, the administrator of the Cooperative State Research Service of the U.S. Department of Agriculture, is the new president-elect of AIBS. Dr. Jordan is a fellow of the American Association for the Advancement of Science and the American Institute of Chemists. Dr. Laurence D. Moore, the representative of the American Phytopathological Society to AIBS, has been elected to serve a two-year term on the board of directors of AIBS, and has been appointed chairman of the AIBS Publications Committee.

The establishment of the American Foundation for Biological Sciences was approved this year. This foundation was formed on the same principles as the American Phytopathological Society Foundation. The purpose of the foundation is "To provide financial support in the furtherance of scientific and educational purposes; to benefit the AIBS; to provide fellowship aid to students and scholars..."

During this past year, the Public Responsibilities Committee of AIBS has represented the interest of professional biologists in national public policy affairs in the following areas: FY 88 appropriations, groundwater, endangered species, research facilities funding, biotechnology, biological diversity, creationism, and animal welfare.—*Laurence D. Moore*

Report of the Representative to the American National Standards Institute. As the APS representative to the American National Standards Institute, I serve on the Accredited Standards Committee for Common Names for Pest Control Chemicals, K-62.

I regularly receive notification of suggested common names for new and, in some cases, older pesticides. After a review of the many pieces of supplemental information, I submit my vote on behalf of the Society. During the year, action was taken covering eight pest control chemicals.—*Joseph E. Elson*

Report of the Representative to the American Type Culture Collection. I attended the annual board meeting of ATCC held in Rockville, MD, on March 25, 1987. All operations appear to be in excellent condition. Revenues were approximately \$300,000 greater than expenses.

The original ATCC building was named the "Harve J. Carlson Building" and a suitable plaque was unveiled. Dr. Carlson, who is retiring from the board, was honored for his service, especially his involvement in obtaining a substantial portion of the funds required for original construction of the building.

A mortgage-burning ceremony was held at lunch to commemorate paying off the mortgage on the ATCC South Building.

ATCC has purchased the Grunley-Walsh Building, which is the next building south of ATCC South. This building is considered an investment, but also offers the possibility for expansion in the future. The building is fully rented at this time.

Members of the board were requested to contact their respective societies with a request to consider 1) a free subscription to society journals, 2) providing space for an exhibit at no cost, and 3) a financial contribution to ATCC. The purpose of this request is to encourage the feeling of mutual benefit and to demonstrate a spirit of cooperation between the scientific community and ATCC.

I was elected a member of the Executive Committee. Dr. George Davis, Academy of Natural Sciences, Philadelphia, was elected chairman of the board.—*W. M. Dowler*

Report of the Representative to the Biological Stain Commission. The main function of the Biological Stain Commission is the testing and certification of dye batches used for biological applications. The Commission serves as an intermediary between scientists (or their scientific societies) and the companies which produce dyes. If any problems with dyes are encountered by the user, with regard to specificity or purity, the Commission is available to help discern the problem of a certified dye. Another function of the Commission is the publication of knowledge about dyes. Various books, as well as the journal *Stain Technology*, are published by the Commission. Sixty-six members, representing 14 scientific societies currently comprise the Commission. A more detailed description of the Commission, its goals and history, can be found in *Stain Technology* 55:1-7(1980).

The Commission met June 11-12, 1987, in Rochester, NY. The scientific session centered on presentations by Drs. R. Horobin and J. Elias on "Chemical structure-staining correlations" and "The need for quality control of immunostaining reagents," respectively. This was followed by

reports from the Commission officers in which details were provided regarding the number of dyes certified [115 (10033 lbs)] for 1986, as well as the status of manuscripts submitted to *Stain Technology*. It was further reported that a revision (10th edition) of Conn's *Biological Stains* is in progress and will be in print during early 1989. Also, the book *Staining Procedures* will be updated and revised in the near future.—Harvey C. Hoch

Report of the Representative to CAST. CAST continues to be productive in providing important and relevant information on agriculture to congressmen, state legislators, scientists, and teachers. More than 25,500 pieces of mail related to publications other than *Science of Food and Agriculture* have been sent since January 1987. The following is an outline of activities approved by the board of directors at its two meetings in 1987.

The CAST board of directors meeting of February 17–19, 1987 was held at the Holiday Inn, Washington, D.C. They approved formation of a new task force, "Risk Assessment Methodology." There also was a vote to begin work on three "Comments from CAST" papers: 1) "Health Issues Related to Chemicals in the Environment: A Scientific Perspective"; 2) "Review of Kansas and Other Studies in 2,4-D and Other Phenoxy Herbicides"; and 3) "Impact of Regulations on Biotechnology."

Because of a continuing budget deficit, annual dues for scientific societies were raised by 10%, and individual members will be charged \$5.00 (\$9.00, foreign) additional to receive the *Science of Food and Agriculture* magazine. Headquarters staff was asked to develop a strategic plan of operations.

Other action taken was a vote to continue for one year the expanded program for the free distribution of 165,000 copies of *Science of Food and Agriculture* magazine to heads of high school science departments, science teachers, vocational agriculture departments, high school libraries, and public libraries. The project was financed by special grants.

The second board of directors meeting was held July 21–23, 1987 at the Hilton Hotel, Indianapolis, IN. They voted to suspend free circulation of *Science of Food and Agriculture*, but to make it an intricate part of CAST. A plan of action was set to expand circulation from approximately 8,500 to 10,000, and to expand efforts to provide it free to high school teachers, if possible.

A balanced budget was approved that will stop deficit spending. A strategic plan, "Project 2000—Road Map for the Next Decade," also was accepted. They approved formation of a task force on "The Adoption of Science and Technology to Enhance Competitiveness of U.S. Agriculture." Also accepted was the formation of four special study groups for "Comments from CAST": 1) food contaminants, 2) non-nuclear waste disposal, 3) ecological and pests impact of compliance to the conservation section of the 1985 farm bill, and 4) the impact of agriculture on the economic well-being of the U.S. today.

Activities of CAST throughout the year have included: Report 110 - "Genetic Engineering in Food and Agriculture," September 1986; Report 111 - "Diet and Health," March 1987; and Report 112 - "Pests of Plants and Animals: Their Introduction and Spread," 1987. Released by "Comments from CAST" was "Pesticides, Cander and the Delaney Clause," May 1987-2.

Approximately 25,500 pieces of literature have been distributed in 1987. Over 1,800 copies of Report 103 - "Agriculture and Groundwater Quality" were distributed to congressional representatives in 20 states where special legislation on groundwater quality is being anticipated.

Task force reports that will be forthcoming include: "Ionizing Energy in Food Processing and Pest Control, II," "Effective Use of Water in Irrigated Agriculture," and "Long-term Viability of U.S. Agriculture."

Dr. William W. Marion, executive vice-president of CAST made a number of contacts in Washington, D.C. during visits in May and June, 1987. A number of congressmen and agencies were contacted and given CAST reports, as appropriate.

CAST won the Iowa Academy of Science Distinguished Service Award. The award was given "for significant contributions in communicating scientific facts to the nation's agricultural policy makers, news media, and public via 112 task force reports on agricultural issues"; and "for initiating the magazine *Science of Food and Agriculture* and providing it to teachers of science (grades 7–12) numbering 3,000 in Iowa and 110,000 across the nation."

The full board will meet in Washington, D.C., February 23–25, 1988. The Executive Committee will meet in July and committees may meet, if necessary.

Because CAST is actively involved in many matters of vital concern to the health of agriculture in the U.S., I believe that APS should support the efforts of CAST by 1) paying full society membership fees, 2) encouraging APS committee chairmen to provide subjects of concern that need the attention of task forces on comments from CAST, and providing manuscripts for the *Science of Food and Agriculture* magazine of interest to high school science teachers.—Kenneth D. Hickey

Report of the Representative to the International Society of

Arboriculture. The ISA met in Keystone, CO, August 16–19, 1987. Plant pathological subject matter presentations included *Phytophthora* root rot on oak and elm, mulch/grass competition, identifying hazardous trees, and fungicides for Dutch elm disease control. ISA will meet in Vancouver, British Columbia, August 14–17, 1988.

The ISA has established an information clearinghouse, called Arbor-Base. The major problem with the system and computer retrieval of arboricultural literature is that there is insufficient distinction between forest and amenity trees. Additional and more specific key words have been suggested for the CAB Thesaurus.—Dan Neely

Report of the Representative to the International Society for Plant Pathology Councilors. There are now 55 societies of plant pathology affiliated with ISPP. Each society is represented on the ISPP Council by one councilor for every 500 members. APS, with over 4,000 members, has eight councilors. There are a total of 86 councilors.

A major function of ISPP is to sponsor a Congress every five years. ISPP officers are elected by the Council and the site for the next Congress is selected by the Council from among invitations extended by affiliate societies. The next meeting of the ISPP Council will be in Kyoto, at the time of the 5th International Congress of Plant Pathology. Thus far, Canada, India, and Scotland have extended formal invitations to host the 6th International Congress of Plant Pathology in 1993.

ISPP is becoming increasingly more active between Congresses through a growing number of standing committees. In addition, the ISPP Newsletter, produced by Thor Kommedahl, secretary-general and treasurer of ISPP, is now sent to individuals in about 45 different nations of the world.—R. James Cook

Report of the Representative to the Intersociety Consortium for Plant Protection. The Executive Council of the Intersociety Consortium for Plant Protection (ISCPP), composed of officers (or designees) from APS, ESA, WSSA, and SON, met in Washington, DC, May 14–15, 1987.

The attendees received a mini-training session on influencing federal legislation and activities. Speakers were: Alan Tracy, special assistant to the President for agricultural trade and food assistance, Executive Office of the President; Alvin Young, senior policy analyst, Office of Science Technology Policy, Executive Office of the President; Charles Benbrook, executive director of the Board of Agriculture, National Academy of Science; Stephen Dewhurst, director, Office and Program Analysis, U.S. Dept. of Agriculture; David Gibbons, Office of Management and Budget, Executive Office of the President; and Pat Roberts, congressman, first district of Kansas.

The take-home message was that the ISCPP was an appropriate means for scientists to leverage their concerns and aims for the future. All constituencies need to influence federal agencies, the Office of Management and Budget, and the Office of Science and Technology policy early in budgetary processes for success.

The ISCPP decided to provide continuity and coordination of certain international activities. An appropriate starting activity of providing library assistance to the third world was determined. Initial efforts would be through the APS Office of International Programs. Another potential international activity for the Consortium is in the area of postharvest problems resolution. A highly-ranked (no. 1) proposal, to be funded through NSF and administered by AAAS, is currently under consideration.

Another area of joint concern is registration of new chemicals and minor use of existing chemicals. Increasing restrictions on chemical use suggested to the group and guest, Dr. Earl Spurrier (vice-president of regulatory affairs, National Agricultural Chemical Association), that a workshop conference be called to address these issues. Potential new legislative initiatives, analogous to the Orphan Drug Act (for people), may be feasible.

The latest in crop protection issues was presented by invitees. Dr. James Lamb, (EPA, OPTS), discussed proposed FIFRA modifications, groundwater issues, pesticides and the Delaney amendment, re-registration problems, and IR-4 concerns. The group also was updated by Dr. Greg Rohwer on various USDA-APHIS activities, by Dr. Carroll Collier on AID efforts in the pest management area with a stated goal of minimizing pesticide use, and by Dr. Jack Barnes, on pest management issues in USDA-CSRS.

The question of interdisciplinary training appropriate for modern agriculture is likely to be explored by ISCPP in a winter workshop under auspices of USDA-CSRS. The need for broadly-based scientists seems real; a focus point will be how to achieve this and in what form, going beyond integrated pest management.

The structure and functioning of ISCPP was modified to provide greater continuity of some Executive Council members, and enable interested society members, rather than an officer, to participate if the society so chose.

The potential for ISCPP involvement in multiple national issues of

mutual interest, from pesticides to biotechnology, was recognized and strongly supported.—*A. K. Vidaver*

Report of the Representative to the U.S. National Committee for the International Union of Microbiological Societies (USNC/IUMS). The U.S. National Committee for the IUMS (USNC/IUMS) represents the field of microbiology and the major microbiology societies in the United States. The committee members participate in the various congresses of the IUMS by selecting delegates to general assemblies, nominating candidates for officers, and suggesting topics for the scientific program.

The Committee includes representatives of the American Society for Microbiology (ASM), Mycological Society of America, Society for Industrial Microbiology, American Phytopathological Society, and the U.S. Federation for Culture Collections (all members of IUMS). Since the IUMS is a relatively new union and has strong U.S. leadership, the USNC has been particularly active in seeking additional U.S. societies as members, and in promoting the new journal, *Microbiological Sciences*. The Committee annually reviews U.S. participation in the various committees, commissions, and federations (COMCOFS) of the IUMS.—*Anne Vidaver*

REPORTS OF STANDING COMMITTEES

Society Internal Relations

Report of the APS Archives Committee. The highlight of this year's activities was the presentation at the annual meeting of a historical display commemorating the centennial of the Hatch Act. Some of the photos used in the display were from a recently acquired collection from the Extension Service at Kansas State University and have been added to the APS archives. The photos in this collection were taken in the 1920's and show Extension Service personnel demonstrating control of wheat smut by seed treatment.

One of our objectives this year was to make members, and especially plant pathology departments, aware of the APS archives. Our collection is housed at Iowa State University under the care of a professional archivist. We are interested in acquiring any records of historical significance dealing with plant pathology or specific society activities. Questions about possible contributions to the archives should be addressed to: Dr. Stanley Yates, Dept. of Special Collections, Parks Library, Iowa State University, Ames, IA 50011.—*John Dunleavy*

Report of the APS Foundation Committee. Following membership approval for the establishment of the APS Foundation and the appointment of the board of directors of the Foundation by Council, the directors met November 9–10, 1986, March 26–27, 1987, and August 2 and 4, 1987, in order to organize internally, to plan fund drives, and to plan a program of awards. The following summarizes these activities.

Organization. The organization and function of the Foundation is outlined in *Phytopathology News* 20:159-160. Terms of office for the directors were established as follows: R. A. Young, 1 year; D. W. French, 2 years; F. L. Howard, 2 years; R. J. Green, 3 years; B. G. Tweedy, 4 years; G. A. Zentmyer, 4 years; and J. F. Tammen, 5 years. Officers of the board were elected for two-year terms as follows: J. F. Tammen, chairman; B. G. Tweedy, vice-chairman; D. W. French, treasurer; and R. J. Tarleton, secretary. Committees of the board were established, and chairmen of the committees were appointed as follows: R. A. Young, Endowment Fund; B. G. Tweedy, Annual Giving Fund; F. L. Howard, Investments; R. J. Green, Programs and Awards; and G. A. Zentmyer, Public Relations. Subcommittees of the Programs and Awards Committee were established and chairmen were appointed as follows: R. J. Green, Undergraduate; G. A. Zentmyer, Graduate; B. G. Tweedy, Genesis; and D. W. French, Other (including International). D. W. French and Steve Diachun were appointed as members of the Investments Committee. French was appointed to serve as liaison to the Office of the Director of International Programs.

Fund Raising Programs. Action was taken to establish two fund raising programs, the Annual Giving program and the Endowment Fund program, following the advice of the consultant to the Foundation, David Phillips. Two Annual Giving fund drives were carried out between November, 1986 and August, 1987. Contributions by 165 donors totaling approximately \$23,362 have been made. With the transfer of about \$8,600 from the E. C. Stakman Fund to the Foundation by Council, the total contributed to the Annual Giving fund for the year is about \$31,962. Awards are to be made from the Annual Giving fund each year, beginning in 1986. Action was taken to get the Endowment Fund program under way, by the establishment of a network wherein the Foundation will be represented in each state by at least one individual who will serve to identify potential donors. The Endowment Fund, including income from the Fund, is to accumulate to a significant level before awards from it are to be made.

Awards Programs. The purpose of the new APS Foundation is to promote excellence in the science and profession of plant pathology. The board of directors has decided that initially the funds will be used for the following: 1) attract outstanding undergraduate students to plant pathology; 2) enhance graduate student programs by providing special recognition for creative ideas and by providing opportunities to enrich professional experience; 3) establish a "Genesis" program (primarily for young scientists) to encourage creative thought and the early development of innovations in the science of plant pathology and its applications; 4) enhance APS international activities; and 5) support other programs in keeping with the objectives of the APS, including designated programs of special interest to the contributor. Foundation funds will not be used to support routine operating costs of the Society.

The first Foundation Award was approved by the board of directors and the presentation was made during the annual business meeting of the Society at Cincinnati. The award and the citation are: "In order to enhance international activities of the Society and specifically to strengthen library holdings in plant pathology for growing agricultural universities," an award of \$500 each is made to Makerere University, Kampala, Uganda; Shanghai Agricultural College, Shanghai, The Peoples Republic of China; and The University of Mayor San Simon, Cochabamba, Bolivia. The award will consist of selected APS compendia, APS texts, and a three-year subscription to *Plant Disease*. The proposal for the award was developed by the Office of the Director of International Programs. Dr. Charlie Delp, director, OIP, accepted the award on behalf of the three universities.

The board of directors also took action to initiate "Genesis" awards beginning in 1988.—*James F. Tammen*

Report of the Awards and Honors Committee. The Committee met in Dallas, TX, February 24–25, 1987. One APS member was chosen for the Award of Distinction. Ten active and two emeritus members were selected as Fellows. Three members were chosen to share the Ruth Allen Award, and one individual was chosen for the CIBA-Geigy Award. There was no recommendation made to the Council for the Lee Hutchins Award.

On the recommendation of the Council, the Awards and Honors Committee was instructed to devise criteria for making two new awards proposed by the Teaching and Extension Committees: the Excellence in Teaching Award and the Excellence in Extension Award. Criteria were devised in cooperation with the Teaching and Extension Committees. These were approved by the Council at their mid-winter meeting and will appear in the "Call for Nominations for 1988 Awards" in an autumn issue of *Phytopathology News*.—*Curt Leben*

Report of the Committee on Committees. There are now 43 official standing committees in APS. The most recent additions are the Youth, Emeritus, and *Phytopathology News* Advisory committees.

A total of 89 committee members rotated off the committees after the Cincinnati annual meeting and a total of 129 new members were added after the meetings for a net gain of 40. Thirteen committees still short of the full complement of 13 members are: Archives, Sustaining Associates, Illustrations of Plant Pathogens, Phytopathological Classics, Public Relations, Standardization of Common Names, Forest Pathology, Mycorrhizae, Plant Disease Detection, Environmental Quality and Plant Health, Private Practice, Youth, and Women in Plant Pathology.—*D. C. Ramsdell*

Report of the Emeritus Members Committee. This new standing committee was authorized by action of Council at the 1986 APS Annual Meeting. Much of the impetus behind creation of the Committee and suggestions of Committee functions was provided by Malcolm Shurtleff. President Vidaver asked L. J. Littlefield to assume the position of acting chairman, to solicit members, and generally to get the Committee under way.

A Committee comprised of 14 members was established. Three other members were appointed at the time of the 1987 annual meeting. A larger-than-normal membership roster was urged by the group since several retired members are away or are otherwise committed during part of the year. Members of the Committee, and their years of term, subsequent to the 1987 meeting are: L. J. Littlefield (chairman), 3; M. C. Shurtleff (vice-chairman), 3; M. G. Boosalis, 3; C. W. Boothroyd, 2; M. K. Brakke, 2; G. W. Bruehl, 2; R. J. Campana, 3; S. Diachun, 3; D. W. French, 3; M. E. Gallegly, 3; R. J. Green, 2; F. L. Howard, 1; T. Kommedahl, 1; F. M. Latterell, 2; H. H. Murakishi, 3; D. A. Roberts, 1; and G. A. Zentmyer, 1. Littlefield and Shurtleff, chairman and vice-chairman, will hold their respective positions for two years. The chairman will also function as secretary, or will appoint a secretary pro tem as needed.

Several activities and functions will be initiated during the coming year. They include: 1) prepare a separate listing of emeritus members in the APS

Directory, or a totally separate directory, depending on costs; 2) work with Lee Campbell, N. C. State University, who is coordinating the writing of a history of phytopathology; and 3) arrange for a social function at the 1988 APS Annual Meeting for emeritus members.—*L. J. Littlefield*

Report of the Meeting Site Selection Committee. Site selection must operate with at least a four-year lead time, so our primary responsibility was to select a site for the 1992 meeting. The first step in the process is to decide upon a geographical area. All of the departments in the Division or Divisions encompassing that area are then contacted to ask whether they would wish to serve as local hosts if a suitable site can be found in proximity to their institution. The response from the departments was excellent, and I wish to thank all those who volunteered to assist in arranging a national meeting.

The actual selection is dependent on the availability of satisfactory accommodations at a suitable time and at a competitive price. At the mid-year meeting the Committee recommended, and the Council approved, meeting in the Pacific Division in 1992. The exact location has not yet been determined, but has been narrowed down to either Portland, Oregon, or Tucson, Arizona. The final decision will be made at the mid-year meeting of Council.

Last year the decision was made to meet in Philadelphia in 1991. However, due to problems with the hotel with which we had contracted for space, this meeting site may have to be changed. This decision will also be made at the mid-year Council meeting.

Our meeting sites and dates for the next three years are as follows: November 13–17, 1988, San Diego, CA; August 19–24, 1989, Richmond, VA; and August 12–16, 1990, Grand Rapids, MI (joint with CPS).—*D. E. Mathre*

Report of the Necrology Committee. Death of the following members has occurred since the previous report: R. M. Allen, F. H. Bell, W. K. Blaszcak, H. I. Borders, V. W. Cochrane, H. H. Foster, J. M. Hamilton, H. R. Hikida, H. Jedlinski, S. F. Jenkins, Jr., P. S. Johnston, H. Kern, D. P. Limber, P. R. Massalski, I.-p. C. Mew, L. P. Nichols, M. J. O'Brien, A. J. P. Oort, A. G. Plakidas, D. R. Porter, R. M. Pratt, W. H. Sill, Jr., R. F. Suit, and H. F. Winter.—*O. W. Barnett*

Report of the Placement Committee. The Committee met on August 2, 1987. Members present were Nichole O'Neill, Linda Kinkle, James DeVay, Dotty Ginsburg, Arvydas Grybauskas, Richard Haygood, Mel Lacy, Brian Steffenson, and Howard Waterworth. We decided to retain the current slate of officers for one more year to provide better program continuity.

We requested a discussion session to be cosponsored with the Office of International Programs for the 1988 meeting in San Diego. The proposed title is "Opportunities and Strategies for Employment in International Agriculture." At the 1986 meeting we sponsored a very well-attended session entitled "Preparing Yourself for the Job Search." We plan to present a similar session in 1989 and every 2–3 years thereafter.

We decided to recommend to the *Phytopathology News* editor that a listing of students graduating, degree, thesis title, major professor, and date of degree be published each year.

Dotty Ginsburg brought an example of the AIBS job search document, "Biotron." Howard Waterworth will evaluate its cost and usefulness to APS, report back to the Committee, and publicize the availability of the service through *Phytopathology News*. At the suggestion of Anne Vidaver in her presidential address, we are considering providing informative brochures (i.e., resume preparation, interview skills, job-seeking tips) for distribution at the placement room during annual meetings.

Dotty Ginsburg, who administers the Placement Service at headquarters, reported that 60 new jobs were posted at the meeting, making a total of 108 jobs available. Candidates included 206 already listed, 103 who signed up at the meeting, and 63 department heads. For the period July 1, 1986 to June 30, 1987, there were 183 new employer registration forms processed and 179 new candidate resumes. Compared to last year, these figures reflect a 28% decrease in registered jobs and a 9% increase in registered candidates. However, these 1987 figures are about the same as those in 1985. Users of the Placement Service continue to be very appreciative of it and consider it a valuable part of their APS memberships. Many positions were filled as a result of on-site interviews.—*Nichole R. O'Neill*

Report of the Sustaining Associates Committee. Greg Grahek of the APS staff showed an example of the plaque to be sent to sustaining associates in recognition of corporate support for the Society and its objectives. It was agreed that these should be well received. Discussions

were held on efforts to recruit more members. The importance of members receiving the APS Directory, and that they be listed in the new journal, was brought out. The Sustaining Associates Breakfast, hosted by the Society, was well attended. President Anne Vidaver and R. Tarleton addressed the group. S. Briggs and D. C. McGee are chairman and vice-chairman, respectively, for 1987–1988.—*D. C. McGee*

Report of the Women in Plant Pathology Committee. M. Powelson presented the results of the survey of women in plant pathology. The summarized results will be presented to the membership of APS as an article in *Phytopathology News* and a poster at the 1988 APS meeting. Survey results will also be made available on diskette to APS membership through APS headquarters. The Committee decided to sponsor a Teach-In on extramural funding sources and grant-writing skills at the 1988 APS meeting. The charter subcommittee will prepare a final draft of the Committee Charter based on the results of the survey of women members that indicated the types of services women believe should be provided to them by APS. A subcommittee was formed to prepare a list of women in APS who should be nominated for membership on the APS Council.—*J. Lindemann*

Report of the Youth Programs Committee. Since many members of our Committee are also members of the Extension and/or Diagnosticians Committees, I request that future meetings of the Youth Programs Committee be scheduled at times when the above two committees are not meeting, if possible.

Our Committee is currently working on a monograph that would be published by the American Institute of Biology Teachers. This monograph would be written for high school biology teachers and would attempt to incorporate examples and exercises from plant pathology into the established high school biology curriculum. We also plan to contact national 4-H program leaders and ask the advice of APS Council about establishment of 4-H plant pathology programs on a national level. This probably would involve the designation of specific extension specialists who would have 4-H responsibilities in plant pathology on the state level. Another proposal centered on industry, grant, and/or APS Foundation funding to support an M.S. level pathologist to work on the coordination and writing of plant pathology material that would be incorporated by textbook writers into high school biology texts. Another possibility would be a faculty sabbatical leave with similar funding to work on this project.—*O. W. Barnett*

Society General Policies

Report of the APS Office of International Programs. The APS Office of International Programs was established by the Council at the 1986 Orlando meeting. The organization, including the director and the advisory board, and a preliminary plan of operation were approved at the mid-year meeting. At the first advisory board meeting in Washington, D.C., on April 24–25, 1986, the objectives were defined for the office and committees. American plant pathologists are now organized for international cooperation, especially for collaboration and projects with Third World scientists.

Objectives of the APS Office of International Programs (OIP) are: 1) to provide continuity and coordination of APS international activities; 2) to promote collaboration among plant pathologists and other scientists of all nations; and 3) to facilitate teaching, research, and extension with the aim of increasing agricultural production through improved plant health, especially in Third World countries.

Charles Delp, director, and the OIP advisory board consisting of Lawrence Apple, Luigi Chiarappa, Thor Kommedahl, John Niederhauser, David Thurston, Ben Waite, and Ray Tarleton (ex officio), are organized to coordinate international activities through the committees that follow: 1) Communications: to prepare news items that publicize OIP activities and the benefits of agricultural development (chairman, Tom van der Zwet). 2) Laboratory Assistance: to facilitate provision of laboratory equipment and supplies to Third World institutions (chairman, Lawrence Datnoff). 3) Library Assistance: to facilitate provision of publications to Third World libraries, and funds for page charges and reprints (chairman, Hugh Sisler). 4) Liaison: to promote collaborative relationships between APS members and Third World scientists. The collaboration may be between individuals, groups, or organizations. Also, to develop liaison and projects with international organizations. Subcommittees will work with organizations representing academia, donors, foundations, government, individuals, industry, and societies (co-chairmen, Lawrence Apple and David Thurston). 5) Professional Development: to provide educational

opportunities, teaching aids, training courses, workshops, seminars, etc., for plant pathologists in international service (chairman, Ethel Dutky). 6) Projects: to solicit and develop projects that are in compliance with the OIP objectives, and that also require operational organization, and in some cases, financial management (co-chairmen, Charles Delp and John Niederhauser). 7) Registry and Placement: to develop and update lists of scientists and organizations interested in Third World service and projects, and to supplement APS placement activities with Third World service and career opportunities (co-chairmen, Matt Royer and Nichole O'Neill).

To show support for this important activity, APS Council authorized an operations budget. Those serving are donating their personal time and travel or are getting support from their institutions. Projects will be funded by organizations with international programs. OIP will help develop international projects to be funded by the APS Foundation—especially with contributions to the APS Foundation designated for international work. The OIP board and committees met for half a day at the Cincinnati meetings and established working relations with the APS Foundation, the Tropical Plant Pathology Committee, and the International Cooperation Committee.—*C. J. Delp*

Report of the Collections and Germplasm Committee. Ten members and seven guests attended the August 2, 1987, committee meeting in Cincinnati, Ohio. A long and spirited discussion resulted in the development of the topic, "Challenges in Transferring Useful Germ Plasm to the Farm" for committee sponsorship as a discussion session at the 1988 APS meeting. This session will be organized by Walter J. Kaiser, Richard O. Hampton, and C. Lee Parish.

At the 1987 APS meeting the committee sponsored a discussion session entitled, "The Importance of Ecosystem Preserves to the Preservation of Genetic Diversity in Microorganisms." C. E. Thomas presided with Yoshua Anikster, J. Artie Browning, Larry W. Moore, and Henry L. Shands as invited speakers. The session was well attended and concluded with a stimulating open discussion of the topics addressed by the speakers.

Lewis E. Browder and James V. Groth are chairman and vice-chairman, respectively, for 1988. J. R. Stavelly was elected vice-chairman designate for 1989.—*C. E. Thomas*

Report of the Extension Committee. The August 2, 1987 meeting was called to order by Chairman Walker Kirby. Seven committee members and 20 guests were present. Minutes of the previous meeting were approved as distributed.

Chairman Kirby urged all extension colleagues to attend the two special sessions (Symposium and Discussion) cosponsored by the Extension Committee.

The Committee voted to continue the Monday morning extension breakfast consisting of full course vs. continental. The Industry/Extension Social will continue with initial plans for the San Diego meeting already under way.

The Committee approved the cosponsorship of two discussion sessions in 1988 with the Public Relations and Private Practice committees to follow the theme of Issues in Plant Health Management. The need to develop a questionnaire to determine the state-by-state interfacing of extension personnel, IPM specialists, and private consultants was discussed and endorsed. This will be developed by the respective chairmen from Extension, Private Practice, and Integrated Pest Management. Possible publication of the survey results in *Plant Disease* as an invited paper was discussed.

The status of extension programs around the country was reviewed by those present with the consensus being that most states had experienced the last of the belt tightening strategies and were moving forward.

Officers for 1988 are: T. A. Zitter, chairman, and J. W. Travis, vice-chairman.—*T. A. Zitter*

Report of the Illustrations Committee. The Illustrations Committee met twice during the annual meeting in Cincinnati. Dr. George Agrios reported that he had proposed that Council change the status of the Illustrations Committee to a committee of the APS Press since handling the illustration materials such as slide sets and video cassettes is ultimately their responsibility. Our committee found this proposal acceptable. We did request that we be allowed to retain more than six members since we are entering into so many new areas of illustrative materials.

We also discussed a slide set proposal made by O. W. Barnett for a set on viral inclusion bodies. We were not able to accept the proposal as originally made since the number of slides and manner of reproduction employed in past slide sets put together by Clemson would make the newest set prohibitively expensive. Dr. Barnett agreed to investigate modification of the slide set to better adhere to our current goals for size and cost.

Molly Niedbalski-Cline brought the new rhododendron-azalea slide set, which was compiled from plates in the compendium of the same name. Our committee individually reviewed the set and would like to suggest a formal submission of the set to the chairman.

The Teaching Committee also had slide sets on fungi for examination at the meeting. The paperwork needed for submission of sets was sent to each set editor following the meeting.

Ethel Dutky brought some information regarding development of "clip art" for APS. She has agreed to investigate the topic further with Nancy Wenner and present a report to the Committee by the next annual meeting.

Frank Tainter has agreed to investigate the development of laser disks for APS. He will present a report to the Committee by the next annual meeting.

Molly Cline and Ed Brown have done extensive research into potential markets for APS books and other illustrative materials. This information was forwarded to Greg Grahek at APS headquarters. Thank you both for all of your work in this area.

Six videocassettes were on display at the annual meeting along with a brief questionnaire. A total of 10 questionnaires were completed. Our Committee reviewed the videos on hand and found that two were ready for approval by our Committee. Miles Wimer has agreed to contact the two contributors regarding APS marketing of their video. I have agreed to contact 6-12 other individuals who have reported involvement in video production for submission of videos to review and potentially market through APS.

Selection of a new chairman to serve a three-year term on the Illustrations Committee, as well as an associate editor on APS Press, was not completed at the annual meeting due to low attendance. A ballot has been sent to Committee members to complete this process by the end of September.—*Ann Chase*

Report of the Industry Committee. At the Cincinnati meeting, the Industry Committee cosponsored a symposium (with the Extension Committee) on Expectations of Cooperative Research Among Industry, Academe, and Extension in the Field of Biotechnology. Also sponsored was our annual discussion session on new products and services from industry, where presentations were given on new chemicals, services, and research equipment.

Despite rainy weather, the Industry-Extension Social (Riverboat Cruise) was enjoyed by 300 members and guests. The social was sponsored in part by donations from 29 companies.

Planning for the 1988 meeting includes a symposium or discussion session to be cosponsored with the Nematology Committee and the Environmental Quality and Plant Health Committee on Ground Water Contamination.

Dr. Bryan Delp of BASF was elected vice-chairman.—*W. H. Gradis*

Report of the International Cooperation Committee. In cooperation with the Tropical Plant Pathology Committee, a discussion session was held at the 1987 annual meeting on "The Effects of Research in International Plant Pathology on United States Agriculture." J. E. Bowman presided, representing the two sponsoring committees.

In cooperation with APS headquarters staff, the Committee sponsored Short-Term Enrichment Program grants from the Institute of International Education in both 1986 and 1987. In 1987 eight travel grants of \$250 each were awarded to foreign graduate students at American Universities to support their attendance at the APS annual meeting. This program has been turned over to the Office of International Programs for implementation in future years.

Following a proposal by the International Cooperation Committee, the chairman of the U.S. Councilors of the International Society for Plant Pathology was made an ex-officio member of the International Cooperation Committee in order to provide for coordination among the international cooperation functions of these two bodies.

Initial procedures for the relation, interaction, and coordination of the International Cooperation Committee and the new APS Office of International Programs were developed. It is being recommended that there be an interchange between the chair of the International Cooperation Committee and the director of the Office of International Programs, such that each serves as an ex-officio member of the other body. It is proposed that the Office of International Programs become the action-oriented agency and that the International Cooperation Committee become involved in policy development and meeting program planning.

With the realignment of activity and function, it was proposed that the name of the Committee be changed. A subcommittee was appointed to make a recommendation.—*J. F. Schafer*

Report of the New Fungicide and Nematicide Data Committee. The Committee met on August 2, 1987. The retiring members were recognized and new members of the Committee introduced. Dave Ritchie presented the editor's report for *Fungicide and Nematicide Reports*. Dave Ritchie retired as editor after the publication of Volume 42. However, he expressed his willingness to work with his replacement during the transition to a new editor. The format of the journal was discussed and it was agreed that the journal needs to be published in a camera-ready format. Prior to the August meeting, the membership of the Committee was polled for nominations for editor of *Fungicide and Nematicide Tests*. In August, 1987, the editor's duties were transferred to Steven Johnson.

The Committee wishes to formally express its appreciation to Dave Ritchie for his services as editor of *Fungicide and Nematicide Tests*.

Gerard Berggren presented the business manager's report. A total of 994 copies of *Fungicide and Nematicide Tests* were sold from June 1, 1986 to June 30, 1987. It was suggested that the purchase price be increased to reflect the actual cost of production. However, based on cash reserves from previous years, it was decided that the cost of the journal should remain at \$7.00 per copy for the tenth consecutive year. Fred J. Crowe was introduced as the new chairman for 1987-1988.

Officers for 1988 are: F. J. Crowe, chairman; and Erik Stromberg, vice-chairman.—*B. A. Fortnum*

Report of the APS Phytopathological Classics Committee. The meeting was held on August 2, 1987 in Cincinnati, OH. Members present were: J. M. Skelly, chairman; C. L. Campbell; H. W. Kirby; W. Merrill; T. Murray; J. B. Sinclair; and S. Wilhelm. Also present was F. W. Holmes, a visiting nonmember. Discussion was first held on additional contributions for consideration as Classical Works of Plant Pathology.

The works of Julius Kuhn's first text in plant pathology are one-third to one-half translated via efforts of S. Wilhelm and an associate. Suggestions were made to complete the work as soon as possible with possible assistance extended via a new student at Penn State who is proficient in the German language. J. Skelly will contact S. Wilhelm to coordinate such assistance, if required.

Six papers by DeBary, as initially started in translation by Bob Lumsden (USDA) and now under the direction of L. Campbell, concern the early basis of physiological plant pathology. Original translations by a service will be cited in APS Classics when published. L. Campbell is to supply a brief synopsis of each of the six papers and forward them to the Committee for vote as to acceptance (of each) into a combined Classical work.

Other areas suggested by W. Merrill included the early papers on genetic host/parasite interactions and perhaps some original papers on air pollutant effects in early European literature. More formal inquiry and submission of specific letters from the members for consideration of additional works were requested by the chairman.

Dr. George Agrios (APS Press Committee) joined our APS Phytopathological Classics Committee to offer a resolution which would place the Classics Committee as a sub-committee of APS Press after our 1987 meetings and following approval of APS Council.

Advantages lie in the direct communication with the APS Press Committee on a two-way basis. At the present time, APS Press must approve our Classical Works but does not otherwise communicate to us on any other matters. No change in how the APS Phytopathological Classics Committee functions were proposed or anticipated. L. Campbell motioned approval, seconded by W. Merrill, and unanimous approval by committee followed. Chairman J. Skelly requested that G. Agrios carry our approval to APS Council with the admonition that APS Press not become involved in the deliberations of our Committee in selecting which works are considered to be of a Classical contribution.

Dr. Francis Holmes provided an update and final draft of the collection of papers concerning early research from the Netherlands on Dutch elm disease for Committee awareness. The Committee congratulated Dr. Holmes on all of his efforts to pull these papers together, see to their translation, and especially for his labors of love in pulling original photographs and anecdotal materials together during several visits to the original laboratories where the research was completed. L. Campbell motioned approval, T. Murray seconded for the final draft as submitted by F. Holmes. Motion passed unanimously.

Dr. Holmes will submit a copy of the final version to APS Press and will continue to work with an assigned editor until the project is completed.

A hardback cover was strongly suggested for the final book. L. Campbell will prepare the letter to APS Press showing Committee approval of the final draft.

L. Campbell will be the new chairman and W. Merrill was elected as incoming vice-chairman. The meeting adjourned at 6:15 p.m.—*John M. Skelly*

Report of the Phytopathology News Committee. The Committee was

made a permanent advisory committee this year. Although most publication decisions will still be made by the editor and the St. Paul staff, the Committee promises to provide valuable suggestions and help. First year functions largely centered upon working with a four-pages-per-month publication from November through June. Some features of *Phytopathology News* were eliminated temporarily. Others were heavily edited and shortened. The backlog of items was reaching a critical state by June. Fortunately, in July we were able to increase the monthly pages and have now pretty well caught up. The new editor, Dr. Larry Moore, took over in October. Plans for next year are coming along well.—*Charles C. Powell, Jr.*

Report of the Private Practice Committee. During 1987, the Private Practice Committee received a printout from APS headquarters in which 135 members of the Society described themselves as consultants. Much of the work during the year dealt with these consultants, but the following recommendations are made regarding that APS survey.

First, the Committee needs better information from APS and would like to have input on the information to be gathered in the next survey. Secondly, we would like to interview again each of the 135 consultants and seek funding from APS to cover the costs of a survey instrument, postage, etc. Third, results of the APS lists, together with the follow-up survey, should be published in an article in *Plant Disease*, summarizing the availability of consultants within the Society. Finally, we would like APS to refer inquiries to the Private Practice Committee for distribution to appropriate consultants. We feel that the Society should ultimately do this at the national level, but in the interim, the Private Practice Committee would serve as a clearinghouse for that function.

At the 1988 meeting, a discussion will be cosponsored by the Private Practice, Extension, and IPM committees. The proposed title is "Plant, Health, Management Information—The Role of Extension, Private Consultants and IPM Specialists." Presentations at the discussion will be limited to 15-20 minutes to encourage thorough discussion of the topics. A survey will be sent this fall to members of the three cosponsoring groups to facilitate structuring the session.

The vice-chairman of the Private Practice Committee for 1987-1988 is Robert Littrell, Coastal Plains Station, P.O. Box 748, Tifton, GA 31793-0748.—*Harrison L. Morton*

Report of the Public Relations Committee. For the 1987 APS meeting, the Public Relations Committee invited all departments of plant pathology to display their public relations and recruitment materials. This was done by an initial letter followed by a reminder postcard. The agricultural communications personnel of the Ohio State University were requested to publicize the APS meeting and to invite representatives of the TV, radio, and written press industries. More than 50 major speakers participating in the Plenary Session, symposia, discussion sessions, and special sessions were invited to bring written press-release materials and to be available to press personnel.

Einar Palmer coordinated the APS display at the Future Farmers of America Convention in Kansas City, as he has for 12 of 13 convention years. He has indicated that a call for volunteers in *Phytopathology News* would be appropriate.

The Garden Writers project was discussed. Mailing lists for trade publications are being assembled by Molly Cline. Specific people have been identified in the St. Louis area and Cline will contact them concerning APS publications that may have public use. She will also proceed toward the development of a list of garden writers who want to receive information on plant pathology in their area. The need for an APS/general plant pathology display at the Garden Writers Association national meeting was identified. A suggestion was made to have a local contact person in the state of the meeting coordinate a display. If money is needed for such a display, a budget request should be made to APS Council (current public relations budget is \$800 to support FFA and International Science Fair activities).

A letter received from Trevor Suslow was referred to the Public Responsibilities Committee.

International Science Fair-APS prizes were discussed. Phil Colbough served as chair of the exhibit judges in 1986 and Julia Mignucci served in 1987. APS gives a first (\$250), second (\$150), third (\$100), and fourth (\$50) place award. Colbough suggested that in addition to the current certificates and cash awards presented, each participant should receive an APS t-shirt. This proposal was approved by the Committee. Campbell will recruit the 1988 judges chairman for the Fair to be held May 8-14, 1988, in Knoxville, TN.

Symposium proposed for 1988 on "Issues in Plant Health" will be cosponsored with Seed Pathology, Public Responsibilities, and Extension committees.

Blanch Haning was elected by acclamation to serve another term

(1987–1988) as Committee chairman. Lee Campbell will serve as Committee vice-chairman.—*Blanche C. Haning*

Report of the Public Responsibilities Committee. The Committee met on August 2 and 4, 1987 at the annual meeting in Cincinnati. Members present were: S. Tolin, G. Bird, A. Ellingboe, R. Gudauskas, J. McGuire, C. Niblett, P. Williams, and R. Tarleton (ex officio).

The charge to the Public Responsibilities Committee was reviewed, and agreement was reached on the following statements: 1) the Committee should assist APS Council in decisions and activities on specific issues of public interest and involvement; 2) the Committee recommends that APS be a facilitator of the transfer of scientific information to public decision makers; 3) the members of the Committee should be chosen from among senior APS members; and 4) the Committee may need to meet more often than one time per year during the annual meeting in order to take expedient and timely action on important issues.

The Open Forum sponsored by the Biotechnology Regulations: Responsibilities of Plant Pathologists Committee stimulated active audience participation, after which the Committee met and developed the recommendations. These include: 1) council should suggest that plant pathology departments at universities establish liaison with state departments of agriculture or the equivalent regarding biotechnology activities; 2) educational programs should be developed through appropriate existing APS committees and the membership in order to encourage all members of the Society to become more actively involved in public education at all levels on issues relating to the science of plant pathology; 3) close coordination and communication should be established with other scientific societies, such as the American Society for Microbiology, and the sister plant science societies, in order to increase visibility in Washington, DC, and to facilitate directing pertinent information from the Society to the decision-making process; and 4) APS should develop a position on the real and perceived problems of releasing genetically altered organisms into the environment and make this position known publicly.

Based on further discussions of the biotechnology issue and comments raised at the Forum, the Committee also has recommended to Council that a special or ad hoc committee be appointed, with subcommittees on each major plant pathogen type (e.g., bacteria, fungi) with a charge to 1) establish criteria associated with risk by which organisms could be classified as to level of risk if introduced into the environment; 2) by using available information, begin to categorize plant pathogens into classes of risk of conducting research in the laboratory and field with these pathogens; and 3) identify those organisms being modified by recombinant DNA techniques, categorize them into the risk classes, and begin to assemble data on them.

The Committee also endorsed the position taken at the 1986 meeting that an open forum or column on issues of public responsibility should be published on a regular basis in *Phytopathology News*. The column could initially be concerned with biotechnology, but subject matter committees should also be invited to write on issues such as those identified by Past Chairman R. Ford in the 1986 "White paper" from this committee. The Committee also endorsed the idea of continuing support of Congressional Fellow in total or in part by APS, and expressed wholehearted encouragement to the APS Foundation toward this activity. Future programs, because of the good reception of the Open Forum, will be a continuation of this format to allow presentation and discussion of issues of importance to the Society.

Officers for 1987–1988 are S. Tolin, chairman; A. Ellingboe, vice-chairman; and M. Nelson, vice-chairman-elect.—*W. Klarman and S. Tolin*

Report of the Regulatory Work and Foreign Plant Diseases Committee.

The Committee met on August 2, 1987, with 25 people attending (six members, four new members, and 15 guests/visitors). Attendees were reminded of the Open Forum "Biotechnology Regulation: Responsibilities of Plant Pathologists," to be held on the following Tuesday morning and was cosponsored by the Committee. The chairman reported that her listing of regulatory plant pathologists would be completed this fall and distributed to all state regulatory offices and interested individuals who requested it. A discussion of the Committee's purpose, goals, and objectives from a historical perspective followed.

The Committee voted to approach USDA-APHIS-PPQ (pending APS Council approval) with a request that a liaison between it and the Committee be designated to help keep the Committee (and therefore APS) informed regarding new policy changes at the federal level. The following topics were discussed: status of tomato spotted wilt virus and the probability that it is entering the U.S. on foreign plant material in addition to natural spread; an update on the USDA computerized database "Fungi

on Plants and Plant Products in the United States," to be published next year; the reorganizational structure of USDA-APHIS-PPQ; PPQ's policy regarding movement of living plant pests considered to be widespread; the Cooperative National Plant Pest Survey and Detection Program (specifically the National Agricultural Information System (NAPIS)) and its use in regulatory operations, training of personnel, and selection of objectives by state regulatory officials; the USDA-APHIS Survey and Emergency Response staff and its involvement with planning and coordination of activities to develop emergency action plans for new pests; the Committee's proposed sponsorship of a discussion session on exotic diseases of quarantine significance in 1988 or 1989; and a proposal that the Committee interact with the International Society of Plant Pathology. The chairman also reported that she had submitted an informational writeup to *Phytopathology News* describing TELEMAIL and NAPIS, as directed by the Committee at last year's meeting. It was published in the July 1987 issue.

The new USDA-APHIS-PPQ biotechnology regulations and related matters were discussed at length. A motion was made and passed that the following recommendation be taken to APS Council (this was done on the following Thursday): "Two events have impacted adversely on the final stages of biotechnology research and development programs: 1) the use of expert legal advice by special interest groups to successfully delay or stop field tests or other releases based on legal procedural errors rather than biological merit, and 2) EPA's concept that engineered microorganisms should be considered as novel chemicals subject to ToSCA. In order to better represent the membership of the American Phytopathological Society, the Regulatory Work and Foreign Plant Diseases Committee recommends that APS retain biologically-oriented legal counsel either on behalf of plant pathologists or the Society as a whole to direct procedurally-correct responses to regulatory issues. This endeavor could be in concert with other plant or biological societies."

A discussion regarding the length of tenure of the chairman of the Committee followed. A motion was made (and passed) to extend the tenure from 1 to 2 years, pending approval by the APS Committee on Committees. This will result in Suzanne Spencer serving as chairman again in 1988, and current vice-chairman, Bhisham Singh serving as chairman in 1989. NOTE: detailed written minutes of this meeting are available to interested individuals through the chairman.—*Suzanne Spencer*

Report of the Standardization of Common Names of Plant Diseases Committee.

The Committee met August 2, 1987 at Cincinnati, OH. C. R. Grau presided at the meeting. Diane Cuppels, Richard Smiley, Dean Hansen, and Craig Grau were in attendance.

The Committee is active in adding new members to broaden the geographic and discipline representation on the Committee.

An important function of the Committee is to maintain continuity in standard names used in revised and new compendia published by APS Press.

Several lists of common names are in the final stages of revision and new lists are being prepared. The Committee welcomes comments on the Common Names published in *Plant Disease* (Vol. 69, No. 8, 1985).

R. W. Smiley and J. D. Hansen will serve as chairman and vice-chairman, respectively, for 1988.—*C. R. Grau*

Report of the Teaching Committee. The Committee met on August 2, 1987, during the APS Annual Meeting. It was reported that APS Council has given final approval for the criteria and procedures for awarding an APS Award for Outstanding Classroom Teaching. This award will be included in the call for nominations for 1988. An APS laboratory manual for introductory plant pathology courses, sponsored by the Teaching Committee, is expected to become available late in 1987.

At the 1987 meeting, the Teaching Committee cosponsored a discussion session on "Teaching Genetics of Host-Parasite Interactions" with the Genetics Committee. A Disease Recognition Competition, consisting of slides, was held on the Tuesday of the meeting. Many viewed the slides, but the number formally entering the competition was limited. Two new slide sets, on structures of Ascomycetes and of Imperfect Fungi, were shown in the Slide Salon, along with several videotapes. The slide sets will be submitted to APS Press for review and possible publication as permanent APS slide sets.

For 1988, a colloquium on "Evaluation of Teaching" was proposed. A Disease Recognition Competition and Slide Salon are also planned for the 1988 meeting.

G. Schumann was elected vice-chairman for 1988–1989. A. Filonow and G. Hudler will be chairmen for 1987–1988 and 1988–1989, respectively.—*Anton Baudoin*

Subject Matter

Report of the Bacteriology Committee. The Committee met on August 2, 1987, with 11 members and 23 guests present. In 1987 the Bacteriology Committee sponsored two major events: an open forum, "Biotechnology Regulation: Responsibilities of Plant Pathologists" (cosponsored with the Biological Control, Public Responsibilities, and Regulatory Work and Foreign Plant Diseases committees) and a colloquium, "Are Extracellular Polysaccharides of Bacterial Plant Pathogens Virulence Factors?"

J. Fletcher and S. DeBoer reported that the final version of the revised APS "Laboratory Guide for Identification of Plant Pathogenic Bacteria" had been returned to the publishers. Anticipated publication date will be late 1987. M. Davis replaced C. Kado as chairman of the taxonomy subcommittee. L. Moore, chairman of the subcommittee concerned with regulations for biotechnology, reported that this subcommittee had sent a critique of the regulations described in the June, 1986 Federal Register to the appropriate representatives of EPA, APHIS, and CSRS, and to selected congressmen and senators. Committee members expressed concern over the revised set of guidelines published by APHIS in June, 1987. R. Davis reported on the topics discussed at the orientation meeting for APS Committee chairmen. A discussion ensued concerning the conflicts among bacteriology sessions at the 1987 meeting and the number of papers a member can present at the national meetings. S. DeBoer announced that a new book concerned with serological identification of viral and bacterial plant pathogens is in preparation and will be published by APS in mid-1988. The Committee voted to form a subcommittee to aid in the long-range planning of Bacteriology-sponsored events, particularly symposia, for future APS meetings.

The Committee requested sponsorship of three events in 1988: a symposium entitled "The Role of Fluorescent Pseudomonads in the Biological Control of Plant Diseases," a teach-in entitled "Genetic Methods for the Characterization and Identification of Plant Pathogenic Bacteria," and a colloquium (cosponsored with the Genetics Committee) entitled "Cloned Genes Involved in Host-Parasite Interactions."

J. Leach was elected vice-chairman-elect for 1989-1990.—*D. Cuppels*

Report of the Biochemistry, Physiology, and Molecular Biology Committee. The Committee sponsored a symposium on the "Role of Membranes in Plant Pathogenesis" at the August meeting in Cincinnati. Attendance was substantial and the talks were well done and well received. Committee activity at future meetings was discussed. In 1988 or 1989 a symposium on cell wall degrading enzymes is planned. Workshops on the Hypersensitive Response and on Rust Fungi are planned at the 1988 San Diego meeting.—*N. T. Keen*

Report of the Biological Control Committee. The APS Biological Control Committee met August 2, 1987, with 20 people attending. "Risk Assessment for the Utilization of Microorganisms in the Environment" was the topic selected for the 1988 APS meetings. It was decided that, as this was an area of sufficient interest and available data, it would be best presented as a symposium. The Environmental Quality and Plant Health Committee agreed to cosponsor such a symposium. Trevor Suslow (Advanced Genetic Sciences) will organize the symposium with help from Jim Stack, Guy Knudsen, Eric Nelson, and Margann Miller-Wideman. If the APS committee does not agree to a symposium, this topic will still be pursued in 1988 as a colloquium or, as Dave Weller put it, "a symposium without money."

Harvey Spurr (USDA-ARS North Carolina State University), vice-chairman for 1988-1989, volunteered to update the biological control slide series. Harvey also proposed a biological control newsletter for the dissemination of useful methods, techniques, and findings. He agreed to pursue this idea, and will receive funding for the newsletter from Monsanto.—*M. A. Miller-Wideman*

Report of the Chemical Control Committee. The Committee met on August 2, 1987, with 7 members and 19 guests in attendance. Outgoing, current, and incoming membership was discussed.

E. Neil Pelletier, Benefits and Use Division, EPA, and N. Ragsdale, CSRS/USDA, led a lengthy discussion regarding risk analysis and the need to revise the document entitled "Contemporary Control of Plant Diseases with Chemicals." The Committee approved a motion to ask APS Council to approve an effort to revise the document. The incoming chairman agreed to present the proposal to Council.

The Committee agreed to cosponsor, with the Seed Pathology Committee (represented by J. Hubbard), a discussion session entitled "Impact of Current Regulations on Disease Management Decisions" at the 1988 APS meetings in San Diego.

P. Backman was elected vice-chairman for 1988-1989.—*Johnnie P. Snow*

Report of the Diagnostics Committee. The Diagnostics Committee met on August 2 in Cincinnati, OH, with over 30 persons in attendance. Reports were presented on a highly successful Phytophthora workshop held prior to the annual meeting, the bylaws subcommittee, and the subcommittee on a diagnostic procedures manual. The Committee also cosponsored, with the Ornamental Plants and Turfgrass Committee, a workshop on rapid diagnostic techniques. A discussion was held on future topics to be published in *Plant Diagnostician's Quarterly* (PDQ).

New business included discussion on our contribution to the San Diego program. Another hands-on rapid diagnostics workshop was proposed (over 150 persons were on the waiting list at Cincinnati). Also discussed were: cosponsoring a virus detection workshop, a teach-in on insect damage symptoms, and a slide exchange and social. Also suggested was a Pythium workshop in 1989.

Robert Wick was elected chairman-elect and will assist Steve Nameth, chairman.—*John J. McRitchie*

Report of the Diseases of Ornamental Plants and Turfgrass Committee.

The Committee met on August 2, 1987. Fourteen individuals attended. The Committee cosponsored a workshop, "Rapid Diagnostic Assays for Plant Pathogens," with the Plant Disease Detection Committee at the 1987 meeting.

Members considered activities and subject matter for presentation at San Diego in 1988. Ann Chase agreed to organize a discussion/colloquium on palm disorders. Jim McDonald offered by letter to organize a field trip of the ornamental horticulture industry of the area that was agreed upon. The Committee also voted to cosponsor a tour of the arboretum at the San Diego Zoo with the Forest Pathology Committee.

The Committee agreed to sponsor a discussion session on Patch diseases of turf and/or a session on alternatives to chemical management in turf and the landscape. Bruce Clarke will organize this session. The Committee also agreed to sponsor a publication display of turf and ornamental literature from academia, government, and industry to the display at Reno. Larry Brown volunteered to coordinate this display. These two programs are for the 1989 meetings.

Ann Chase encouraged this Committee to participate in APS publications. The Committee agreed that a compendium on diseases of potted flower crops and diseases of shade trees and shrubs should be proposed. These topics will be pursued by Margery Daughtrey and Harland Smith, respectively.

Bruce Clarke was elected vice-chairman for 1988-1989.—*Molly Cline*

Report of the Environmental Quality and Plant Health Committee.

The Committee held its annual meeting on August 2, 1987 in Cincinnati, OH. Committee members discussed the proposed topic, "Groundwater Contamination by Pesticides and Nematicides" for presentation at next year's annual meeting. The Committee recommended a discussion session as the vehicle for this topic and agreed to cosponsorship with both the Nematology Committee and the Industry Committee. Patrick McCool volunteered to coordinate the Committee's activities on this session with the other two cooperating committees.

Members also considered activities and possible subject matter for upcoming meetings. A potential topic was considered involving the impact of changes in world climate and environmental factors on pathogen/insect occurrence. Further discussion on this topic is planned for the 1988 annual meeting.

Bruce Clarke was unanimously elected as vice-chairman for 1988 (chairman for the 1989 annual meeting).—*P. McCool*

Report of the Epidemiology Committee.

The Epidemiology Committee met on August 2 in Cincinnati. Eleven members and twelve nonmembers attended. The Committee sponsored a discussion session for the 1987 program on "Criteria Determining the Increase of Genetically Engineered Organisms in the Environment." Future program activities were discussed. The Committee approved the idea to propose the topic "Epidemiology on a Regional Scale" as a symposium for the 1988 San Diego meeting. S. Coakley and D. Rouse will organize the symposium if it is approved by the Council for next year.

Interest was again expressed in sponsoring a session on stochastic modelling; the consensus of the Committee was to plan to do this in 1989 or later. Several attendees expressed interest in a session on dispersal of microorganisms, including dispersal in the soil. A colloquium was proposed on "Dispersal of Microorganisms" for 1988 if the symposium was not approved, and for 1989 if the symposium was approved.

The Committee discussed the staffing of the Epidemiology Committee and several nonmembers expressed interest in being on the Committee. Their names were passed on to Doug Maxwell for consideration. Wolfgang Schuh was elected vice-chairman for 1989.—*S. Melugin Coakley*

Report of the Forest Pathology Committee. The Committee met on August 2, 1987. There were 47 people in attendance, eight were active members of the Committee.

It was proposed and accepted by the Committee that two field trips be pursued for the 1988 annual meeting: one to the San Diego Zoo and the other to the Cleveland National Forest. Henry Morton will follow up on the zoo and Fields Cobb will contact John Pronos concerning the trip to the Cleveland National Forest. Sam Alexander (VPI & SU) and John Hart (Mich. State) have consented to organize field trips for the Richmond (1989) and Grand Rapids (1990) meetings, respectively.

A motion was passed to submit a proposal to the Program Committee for a discussion session to be held in San Diego on etiology of declines, and to follow up this discussion session with a symposium on declines at the 1990 annual meeting. Teaching forest pathology was also proposed as a discussion session topic. New technology and teachers have moved into the profession since the last treatment of the subject. This subject will be considered again at next year's Committee meeting.

Results from a task force evaluating the perception that there had been bias shown in the publishing of forest pathology material in Disease Notes in *Plant Disease* was presented to the Committee. They concluded that there was no bias evident.

Members of an ad hoc committee appointed last year to look into the status of forest pathology discussed some of the progress that had been made. The Forest Pathology Committee indicated that it wanted the ad hoc committee to continue its activities and to report back to the Committee with specific recommendations for future actions.

Dr. David Appel, Texas A&M University, was elected vice-chairman for 1988–1989.—*David B. Drummond*

Report of the Genetics Committee. The August 2, 1987 meeting was called to order by Charlotte Bronson. In attendance were: C. Bronson, chairman; D. Gabriel, vice-chairman; and C. Bender, A. Chatterjee, D. Coplin, D. Gilchrist, T. Graham, L. Hadwiger, G. Milus, G. Statler, P. Tooley, members. Also present were: D. Hampton, J. Leslie, R. Line, A. Matthysse, M. Milgroom, D. Pope, and R. Stavelly. New members were introduced and the minutes of the previous meeting were approved as read.

Discussion centered on events the Committee would like to sponsor at the next several meetings. A number of colloquia were proposed for sponsorship. A consensus was reached that, for 1988, we should request sponsorship of "Application of Biotechnology for Crop Improvement," organized by B. Hunger and T. Graham, and we should cosponsor "Cloned Genes Involved in Host-Parasite Interaction," organized by D. Gabriel and a representative from the Bacteriology Committee. Both colloquia were subsequently approved by the Program Committee. Topics suggested for 1989 included "Molecular Genetics of Pathogenicity Factors," "Genetics of Soil-Borne Microbial Populations," and a round-table discussion on "Standardized Terminology Used to Describe Bacterial Genes Involved in the Host-Parasite Interaction."

D. Gilchrist was elected vice-chairman for 1988–1989.—*D. W. Gabriel*

Report of the Integrated Pest Management Committee. The Integrated Pest Management Committee convened at the Dr. Albert Sabin Convention Center in Cincinnati, OH on Sunday, August 2, 1987. There were 16 members in attendance. For approximately one hour discussions concerning the future of integrated pest management in plant pathology were held. Plans were made for submission of a title for a colloquium to be held at the San Diego meeting concerning "Accomplishment of Integrated Pest Management Programs During the Past Two Decades." Discussions were held updating the Committee on the 1987 discussion group entitled "Development of Practical Use of Expert Systems for Integrated Pest Management," which was successfully undertaken during the 1987 meeting in Cincinnati. The meeting was then adjourned.

J. K. Waldron will serve as chairman during the 1987–1988 season with D. R. Sumner as vice-chairman and R. I. Bruck as immediate past chairman for 1986–1987.—*R. I. Bruck*

Report of the Mycology Committee. The Committee met on August 2, 1987, with eight people attending. The Committee sponsored a colloquium entitled "Recent Molecular Approaches to the Systematics of Plant Pathogenic Fungi" at the 1987 meeting. The Committee expressed its appreciation to Mary Palm for organizing and chairing this colloquium.

The Committee will sponsor a premeeting conference entitled "Systematics and Genetics of Oomycetes: Phytophthora and Pythium," immediately prior to the 1988 APS meetings in San Diego. Linda Spielman agreed to serve as liaison between the Mycology Committee and the phytophthora researchers group that is organizing the conference. The session may be cosponsored by the Genetics Committee. The Mycology Committee will also sponsor two discussion sessions at the 1988 meetings. The first discussion session entitled "Systematics of Trichoderma," will be organized by Elwin Stewart and Mary Palm. Linda Spielman and Jim

Lorbeer agreed to organize the second discussion session, given the tentative title, "The Oospore." Two additional genera, *Rhizoctonia* and *Fusarium*, were suggested as possible focal genera for future discussion sessions in the coming years.

The Mycology Committee recognizes concurrent meeting scheduling by APS and the Mycological Society of America to be a recurring problem. Many APS members are active members of MSA also. Mary Palm and Elwin Stewart, both members of APS and MSA, have agreed to pursue this problem with both societies in an attempt to help avoid future scheduling conflicts.

Mary Palm and Elwin Stewart are the new chairman and vice-chairman, respectively, for 1987–1989.—*T. R. Gottwald*

Report of the Mycorrhizae Committee. The Mycorrhizae Committee continues to develop a slide set and accompanying text for distribution through APS, under the supervision of Dr. Joe Morton. Several have been proposed for inclusion in a Phytopathological Classic volume but translation is still pending on some of these. Manuscripts from the 1986 symposium held in Orlando are being edited by Dr. Jim Graham and will be submitted to APS as soon as possible. No programs will be requested for the 1988 meeting in San Diego. Instead, a taxonomic workshop is being planned for the 1989 meeting in Virginia, primarily because of the proximity of this site to university facilities. Dr. Jim Graham was elected as assistant chairman for 1987–1988.—*Barbara Hetrick*

Report of the Plant Disease Detection Committee. The Committee held its annual meeting on August 2, 1987. The first order of business was a discussion of the need for more active members who would be willing to serve on this Committee. The Committee members present agreed with the new APS policy, which is to give priority to volunteers and committee nominations for the selection of new members.

The Committee members discussed whether we should sponsor the compilation of a Plant Disease Detection Manual. An opinion survey sheet, which was evaluated and approved by the members present, will be submitted to *Phytopathology News* for publication (P. R. Desjardins). APS members can then use the survey to express their opinions about the manual. It was suggested that the manual idea be discussed with members of the Diagnosticians Committee.

The Plant Disease Detection Committee and the Virology Committee plan to cosponsor a Virus Disease Detection workshop at the 1988 APS meetings at San Diego.—*D. L. Long*

Report of the Plant Disease Losses Committee. The Committee met August 2, 1987 at Cincinnati, OH. Committee members present were: L. V. Madden, 1987 chairman; F. W. Nutter, 1988 chairman; W. L. Pedersen, 1988 vice-chairman; A. Roelfs; M. G. Eversmeyer; J. A. Frank; and K. Bowen. Nonmembers in attendance were: S. Pennypacker, N. Dissanayakt, D. Michels, D. Mackenzie, M. Royer, H. Waterworth, J. McDonald, and D. Berger.

The meeting was called to order by Chairman Larry Madden. Participants introduced themselves, then the minutes from the 1986 meeting were approved. Participants were brought up to date regarding APS policy on use of APS letterhead and on the selection process for serving on APS committees.

The subcommittees formed to address crop loss terminology (Nutter and Teng, co-chairmen) and crop loss methodology (Royer and Roelfs, co-chairmen) will continue for another year.

1987 Program: Larry Madden noted that our Committee was sponsoring a discussion session on "Linking Ecological Studies to Biotechnology" from 8:00-10:00 a.m. on Wednesday, August 5, and that a contributed paper session concerning plant disease losses was scheduled for Thursday morning. Larry also noted that there were few papers presented under the heading of plant disease losses. Several members commented that disease loss papers are often presented under other program areas such as epidemiology, disease resistance, field crops, etc.

1988 Program: After considerable discussion, the Committee agreed to propose that it sponsor a symposium entitled "Measuring the Ecological, Economic, Scientific, and Social Effects of Biotechnology Through Crop Loss Assessment." Several outside speakers were suggested and it was decided that the topic demanded outside speakers and thus could not be downgraded to a colloquium.

1989 Program: The Committee will further consider at the 1988 meeting the possibility of sponsoring a colloquium or discussion session on "Assessing Quality and Post-Harvest Crop Losses." This session would be cosponsored by the Postharvest Pathology Committee.

Dr. Kira Bowen was elected to serve as vice-chairman (chairman in 1990). Chairman for 1987–1988 is F. W. Nutter, Jr., (Univ. of GA); chairman for 1988–1989 is Wayne Pedersen (Univ. of Illinois).—*Forrest W. Nutter, Jr.*

Report of the Plant Nematology Committee. The Committee met on August 2, 1987, with six members and four guests attending.

The Committee discussed strengthening communication between the Plant Nematology Committee and the Society of Nematologists. It was decided that the immediate past-chairman will submit a report of the Committee's activities to the SON newsletter. The chairman will be responsible for reporting SON events to *Phytopathology News*.

There was discussion on the need for a separate paper session for nematology at APS annual meetings. Most members felt nematology sessions served a useful purpose and should be continued.

A survey conducted by Jim Starr in 1986 identified a need to update nematology teaching materials. Plans were made to revise the APS nematology slide set. Ann MacGuidwin will solicit suggestions for this project from nematologists and instructors of introductory plant pathology.

Plans to sponsor events for future APS meetings were discussed. At last year's meeting, the topics of groundwater contamination and fruit replant problems were selected for 1988 and 1989, respectively. Arrangements for a groundwater session to be jointly sponsored by the Plant Nematology, Environmental Quality and Plant Health, and Industry committees are under way.

Bruce Jaffee will serve as chairman in 1988. Jim Kotcon is the 1988 vice-chairman. Gary Lawrence was elected vice-chairman for 1989.—*A. E. MacGuidwin*

Report of the Postharvest Pathology and Mycotoxicology Committee. The Committee convened on August 2, during the 1987 annual meeting of APS at Cincinnati, OH. Procedures used by editors of *Phytopathology* and *Plant Disease* in handling manuscripts was discussed. Concern had been expressed previously regarding the assignment of submitted presentations to reviewers who have no interest or expertise in postharvest pathology and mycotoxicology areas. It was decided to formulate a list of suggested reviewers to be sent to the journal editors. This will be done by a subcommittee before the next APS meeting. In future annual meetings of the entire committee, the list will be reviewed and additions or deletions made as needed.

T. E. Cleveland reported on the progress of a survey to identify courses and teaching methods in the areas of postharvest pathology and mycotoxicology at U.S. and foreign universities. It is hoped that the survey will be helpful to those who are interested in developing such programs.

A symposium entitled "Management of Disease Resistance in Harvested Crops" was proposed for 1988. The Tropical Plant Pathology Committee agreed to cosponsor the event. The NE-87 regional project group for Control of Postharvest Decay of Fruits and Vegetables also supported the idea. Members of the NE-87 project strongly encouraged publishing the event. J. M. Barnes, USDA-CSRS, indicated that it may be possible to obtain federal assistance for this purpose.

P. L. Pusey and D. M. Wilson will serve as chairman and vice-chairman, respectively, for 1987–1988.—*P. L. Pusey*

Report of the Seed Pathology Committee. The Committee held its annual meeting on August 2, 1987 in conjunction with the APS annual meeting in Cincinnati, OH. The survey on seedborne diseases and their international importance was discussed. Denis McGee reported a significant response, as 40 countries have responded to the survey to date. It is the consensus of the Committee that the data compiled from the survey will be useful for researchers in seed pathology as well as for helping reduce international tensions and barriers that currently exist on the movement of seed.

McGee also reported on a new publication on corn diseases that is designed for seed technologists. Final copy to APS Press was scheduled for September.

The remainder of the meeting was devoted to the 1988 program. A discussion session entitled "The Impact of Current Regulations on Disease Management Decisions" was approved for cosponsorship with the Chemical Control Committee. In addition, a symposium entitled "Perspectives in Plant Health Management—Issues of Public Concern" is scheduled for cosponsorship with the Extension, Public Relations, and Public Responsibilities committees.

Susan Hurtt will serve as chairman in 1989, and Ray Atilano will serve as chairman in 1990.—*Ron Gitaitis*

Report of the Soil Microbiology and Root Disease Committee. The Committee met on Sunday, August 2, during the annual APS meeting. Twenty-three people attended. The Committee sponsored a colloquium entitled "Development of Disease Forecasting Systems for Soilborne Plant Pathogens," chaired by Randy Rowe.

An APS ad hoc committee entitled Exobiology and Space Phytopathology, chaired by Andrew Schuerger, was discussed. This committee was formed, in part, due to the actions of the Soil Microbiology

and Root Disease Committee, in cooperation with the Germplasm Committee. They cosponsored a colloquium entitled "Phytopathology in Future Space Station Plant Growing Systems" at the 1986 APS meeting. The Soil Microbiology and Root Disease Committee plans to maintain its involvement with this new frontier of plant pathology.

A subcommittee consisting of L. L. Singleton, J. D. Mihail, C. Rush, and C. E. Windels presented needs, an outline, and a potential audience for a book dealing with methods for studying soilborne plant pathogens. Opinions differed as to subject matter, and the Committee was charged with developing an outline and a list of possible editors and authors.

A book edited by Art Englehard entitled "Control of Soilborne Disease by Macro- and Microelement Amendments" is in progress, with 14 chapters thus far. Present plans call for APS to publish the book from camera-ready copy.

Jeanne Mihail will organize an effort to rerun an announcement in *Phytopathology News* requesting U.S. input on compiling an international directory of workers concentrating on soilborne diseases.

The Committee proposed a colloquium for the 1988 meeting entitled "New Findings in Roles of *Pythium* in Root Disease."

David Shew, Carol Windels, and John Menge were voted chairman, vice-chairman, and vice-chairman-elect, respectively, for 1987–1988.—*Jim Marois*

Report of the Tropical Plant Pathology Committee. The Committee met August 2, 1987. Seventeen people, including eight Committee members and five potential members, attended. John Bowman chaired the meeting.

Most of the session involved discussion of how the Committee might best interface with the newly formed Office of International Programs (OIP). OIP, through its subcommittee on professional development, will have input into our efforts to improve the APS slide set on Tropical Plant Diseases. The existing slide set was reviewed by the Committee and OIP members and found to have major deficiencies. A Tropical Plant Pathology subcommittee was formed (Amador, Datnoff, Bowman, Timmer, Latterell, Pohronezny, and Dutky) to undertake a major revision and improvement of the slide set. The new slide set will be divided into at least four major commodity categories. Those identified initially were: 1) diseases of tropical fruits and nuts, 2) diseases of root and tuber crops, 3) diseases of plantation crops, and 4) diseases of tropical trees. Jose Amador has already begun contacting key plant pathologists around the world for slides and input on content and organization.

The Postharvest Pathology and Mycotoxicology Committee submitted a request for a symposium at the San Diego meeting entitled "Management of Disease Resistance in Harvested Crops," and asked the Committee to be cosponsor. This was agreed to by our members, and we are to provide one of the main topics and the speaker for it. A recent letter from D. Mathre indicates that this will be a colloquium and not a symposium.

It was also generally agreed that the problem of postharvest disease losses in the tropics is of critical importance, and that, together with the Postharvest Pathology and Mycotoxicology Committee, we should approach the OIP with some ideas for the implementation of APS-supported action programs to reduce these losses. Several of our Committee members are serving on OIP committees (Bowman, Tschanz, and Datnoff), and will keep us closely informed of OIP developments.

The Tropical Plant Pathology Committee will also propose sponsoring a symposium for the 1989 meetings entitled "The Role of Plant Pathology in Small Farming Systems in the Tropics." A subcommittee of Garnsey, Bowman, and Datnoff will be developing the program and initiating contacts with potential speakers.

On August 4, 1987, the Committee cosponsored (with ICC) a discussion session entitled "The Effects of Research in International Plant Pathology on United States Agriculture." A lively discussion was held in spite of several unavoidable last minute cancellations by commodity representatives. An open forum of the role of the OIP followed.

Chairman for 1987–1988 is S. M. Garnsey, and vice-chairman is Jose Amador. Committee members gratefully acknowledged John Bowman's active leadership over the past two years.—*John Bowman and Steve Garnsey*

Report of the Virology Committee. The Committee convened at the 1987 annual meeting of APS at Cincinnati, with nine members and 23 guests in attendance. L. Lommel was elected to vice-chairman for the 1989 meeting of APS. C. Hiruki, R. Jordan, and R. Valverde joined the Committee as new members.

The Committee sponsored a colloquium entitled "Management of Plant Virus Diseases" at the meeting. The Committee voted to proceed with a program on "Application of Detection Technology to Virus Disease Diagnosis," which has been approved as a discussion session at the 1988 meeting. In conjunction with this discussion session, a workshop on virus detection will be held at the University of California-Riverside prior to the 1988 meeting. A program on "Application of Viral Vectors to the Transfer

of Genes into Plants" was approved by the Committee for presentation at the 1989 meeting, pending approval by APS.

Other matters that were addressed during the committee meeting included: 1) an update on the progress of the plant virus slide sets; 2) the announcement that a serology manual tentatively entitled "Serological Tests for Detection and Identification of Viral and Bacterial Plant Pathogens" (Hampton and Ball, eds.) will be published in the summer of 1988; 3) an update on a survey of viral nomenclature; and 4) a subcommittee was established to investigate the potential use and distribution of various databases in relation to plant virology.—*J. L. Sherwood*

REPORTS OF SPECIAL AND AD HOC COMMITTEES

Report of the Ad Hoc Exobiology and Space Phytopathology Committee. This newly-formed Committee has 13 scientists as members with nine attending the first Committee meeting on August 2, 1987. An update was presented of NASA's Controlled Ecological Life Support System (CELSS) and Life Sciences programs. Committee members agreed to generate a list of ideas and research goals for plant pathology in CELSS that will be submitted to NASA as guidelines for plant pathology research in space. Recommendations will concentrate on: 1) near-term ground-based research, 2) experiments on board the Shuttle between 1990–1995, and 3) research objectives for the Shuttle and Space Station to occur after 1995. Research recommendations are solicited from all members of APS, and should be forwarded to the chairman of the Committee, Andrew C. Schuerger, The Land, EPCOT Center, P.O. Box 10,000, Lake Buena Vista, FL 32830.

A request was submitted to the APS Program Planning Committee for a three and one half to four hour workshop for the 1988 APS meetings in San Diego. The objective of the workshop will be to actively develop basic concepts on space phytopathology and identify research objectives for developing the Shuttle, Spacelab, and Space Station payloads. Participation in the workshop by NASA scientists will be pursued.

Plans for a 1989–1990 workshop in conjunction with a NASA research center will continue to be developed. A proposal will be submitted to Committee members at the 1988 APS meetings for approval. The NASA/APS workshop, if funded by NASA, will seek to discuss human, plant, and microbe interactions within a CELSS and would include representatives from the following disciplines: plant pathology, plant physiology, microbial ecology, clinical microbiology, human physiology, and plant breeding. NASA scientists and engineers in fields pertinent to the workshop will be invited to participate.

Rodney Vargo, Mobay Corp., was elected as vice-chairman for 1987–1988.—*A. C. Schuerger*

Report of the Ad Hoc Member Survey Committee. The Ad Hoc Member Survey Committee was formed at the 1986 annual meeting at the request of then President Anne Vidaver for the purpose of evaluating the effectiveness of meeting the needs of younger or newer APS members. Following preliminary discussions among Committee members and Council, the decision was made to expand the survey to the entire membership with the added goals of assessing demographics and financial concerns of the members. The redirection has caused some delay, but the Committee hopes to mail the survey out in late fall of 1987, and accumulate the data from responses in time for the information to be presented at the annual meeting in 1988.—*Jacqueline Fletcher*

REPORTS OF DIVISION COUNCILORS

Report of the Caribbean Division Councilor. The Caribbean Division met at Orlando in conjunction with the annual meeting of the parent society. The division met during the week of October 26 in Guatemala City, Guatemala, at the Hotel Guatemala.

The Councilor represented the APS president, Dr. Anne Vidaver, at the SON silver anniversary meeting and presented a commemorative scroll on behalf of APS.—*R. Rodriguez-Kabana*

Report of the North Central Division Councilor. The North Central Division met at Cincinnati in conjunction with the parent society. Activities consisted of a graduate student paper and poster competition, presentation of a Distinguished Service Award, an annual business meeting, and officer elections.

First place honors in the paper competition were shared by Greg Gilbert and Linda Kinkel, both of the Department of Plant Pathology, University of Wisconsin. In the poster competition, first place was awarded to Karen Ireland of the Department of Botany and Plant Pathology, Michigan State

University. Second place was shared by Jeff Wilson of the Department of Botany and Plant Pathology, Purdue University, and Melinda Bussey of the Department of Plant Pathology, University of Wisconsin. Dr. A. Fritz Schmitthenner, the Department of Plant Pathology, Ohio State University, was presented the North Central Division Distinguished Service Award.

At the business meeting, comments were made by outgoing Councilor Randy Rowe and by APS President Anne Vidaver. New officers were elected as follows: Don Huber, Purdue University, president; William Willis, Kansas State University, vice-president; Carol Windels, University of Minnesota, secretary-treasurer (3 yr); and Mel Lacy, Michigan State University, councilor (3 yr). The Division will next meet at Purdue University June 22–23, 1988. Future meetings will be at Kansas State in 1989 and again with the parent society at Grand Rapids in 1990.—*R. C. Rowe*

Report of the Northeastern Division Councilor. The Northeastern Division of the American Phytopathological Society held its 46th Annual Meeting November 5–7, 1986, at the Stoweflake Resort, Stowe, VT. There were 175 people registered, including 57 students. The program included 82 contributed papers (77 with abstracts published), of which 13 were judged for the Graduate Student Presentation Award.

Three guests were present at the meeting: APS President Anne Vidaver, and symposium speakers Said Ghabrial and Dennis Fulbright. President Vidaver reported at the business meeting on activities and concerns of the Society and further elaborated on significant issues and activities of APS committees at the banquet.

S. Ghabrial, University of Kentucky, and D. Fulbright, Michigan State University, along with B. P. Bandy, University of Maine, presented papers at a symposium on mycoviruses moderated by F. L. Caruso, University of Massachusetts. The titles of their respective papers were, "The Viruses of *Helminthosporium victoriae*," "Genetic Determinants of Hypovirulence in the Chestnut Blight Fungus" and "A Mycovirus from *Rhizoctonia solani*."

Sixteen extension plant pathologists gave presentations on disease occurrences in the northeast during their premeeting session. The group elected Dan Dooley and Juliet Carroll as chairman and secretary, respectively, for 1987.

A workshop on "Rust Diseases of Conifers" was run by Dale Bergdahl of the University of Vermont, following the extension plant pathologists' meeting and again the following evening.

President David Rosenberger presided at the business meeting. No major or contentious issues were discussed. President Vidaver's remarks here dealt primarily with the financial aspects of the Society.

The new officers of the Northeastern Division are: William MacHardy, president; Gary Bergstrom, vice-president; Dale Bergdahl, secretary-treasurer; and Stanley Pennypacker, councilor-elect (term to commence at the San Diego meeting in 1988).

The 1987 Northeastern Division-APS meeting will be held at the Resorts International Casino Hotel, Atlantic City, NJ, November 4–6. The 1988 meeting will be at the Sheraton Hotel, Sturbridge, MA, during the last week of September, and in 1989 we will meet at the Penn State Sheraton in State College, PA.

The Northeastern Division Award of Merit was presented to Paul Nelson, Pennsylvania State University and Gary Harman, Cornell University. Mark Lawton, University of Guelph, was the recipient of the Graduate Student Presentation Award for the paper "Influence of Several Factors on the Biocontrol of Gray Snow Mold of Turfgrass by *Typhula phacorrhiza*" with L. L. Burpee and L. G. Goult. —*David R. Houston*

Report of the Pacific Division Councilor. The Pacific Division of the American Phytopathological Society held its annual meeting June 15–17, 1987 at Coeur d'Alene, Idaho at The Coeur d'Alene—a resort on the lake. Of the total membership of 810 (716 regular and 94 student), 120 registered for the meeting. The premeeting tour of grass seed fields and sod farm had 19 participants and the evening boat cruise social was well attended.

APS President Anne Vidaver addressed the meeting, giving an update on the Society. She indicated that Council has approved publication of the new journal entitled *Molecular Plant-Microbe Interactions*, which will be edited by George Bruening. President Vidaver encouraged members to attend the upcoming national meeting in Cincinnati. Pacific Division Councilor Joe Ogawa encouraged members to sign up and participate on APS committees, take the time and effort to submit members' names for APS awards and honors, and to make him aware of any problems or concerns relative to the Society.

The program consisted of a symposium on Turf Grass Diseases with Harry Fenwick presiding. Speakers and their subjects were Robert Endo, research on turfgrass diseases in California; Ron Ensign, major diseases of grasses for seed and turf in the Coeur d'Alene area; Gary Chastagner, necrotic ringspot of turfgrass; and John Hardison, advances in disease

control in grass seed fields. The paper session consisted of 48 presentations. Student paper winners announced by Ron Covey were: 1st place—Amy Lutz, University of California; 2nd place—Roy Alan George, Oregon State University, Corvallis; and 3rd place—Brian J. Steffenson, University of California, Davis. Each winner received an engraved plaque and a check (1st place—\$200, 2nd place—\$150, and 3rd place—\$100).

President Al Paulus presided at the business meeting where John Mircetich was introduced as the next president-elect. The location of the 1989 meeting was decided by majority vote of the executive committee to be Corvallis, OR. Officers for the 1987–1988 year are: Joseph G. Hancock, University of California, Berkeley, president; John S. Mircetich, University of Wyoming, president-elect; and Joseph M. Ogawa, University of California, Davis, counselor.

Retirees were: L. J. Ashworth, A. M. French, A. C. Goheen, F. R. Harper, Q. L. Holdeman, J. B. Kendrick, J. M. Klisiewicz, H. Schneider, and E. L. Sharp. In memoriam: T. A. DeWolf, and Ralph Ames.—*Joseph M. Ogawa*

Report of the Potomac Division Councilor. The 44th annual meeting of the APS Potomac Division was March 25–27, 1987 at John M. Clayton Hall, University of Delaware, Newark. Approximately 150 attended the meeting. There were 42 contributed papers, including 11 in the graduate student competition.

The meeting included a tour of the new greenhouse and laboratory facilities at DuPont's Stine Laboratory, Newark. The tour was followed by a social hosted by industry and a discussion session, "International Agriculture as Related to Plant Pathology." Moderator was Morris R. Bonde, USDA, Ft. Detrick. William M. Dowler, USDA, Ft. Detrick, began the session with the topic "Current Activities of Plant Pathologists Related to International Agriculture," followed by Benjamin H. Waite, AID (science and technology), who discussed "Opportunities in International Agriculture." Frances M. Latterell, USDA, Ft. Detrick, then presented "A Scientist's Perspective on International Agriculture" and Charles J. Delp discussed "A Congressional Fellow's Perspective on International Agriculture." The panel presentations were followed by a discussion and exchange of information.

Paper presentations began with a welcome by Richard B. Murray, associate provost for graduate studies at the university, who shared his perspectives on the future of graduate education. At the business meeting, Potomac Division President Tom van der Zwet introduced APS President Anne Vidaver, who reported on several items of interest regarding the status of APS. This report was supplemented by a presentation from Councilor R. Jay Stipes.

During the banquet, Vice-President William MacDonald presented the awards (a plaque and \$100) for the best graduate student papers to M. T. McGrath of Pennsylvania State University for the paper "Rate and Duration of Wheat Grain Growth as Affected by Stem Rust" and to J. R. Newhouse of West Virginia University for the paper "A Transmission Electron Microscopic Study of Virulent and Hypovirulent Strains of *Endothia parasitica*." Gary Schnappinger, chairman of the Distinguished Service Committee, presented plaques to Frances M. Latterell, Lawrence I.

Miller, and Charles J. Delp in recognition of their service and devotion to the division, and of their scientific contributions to the profession. This was followed by an entertaining report from Stan Ostazeski, chairman of the Resolutions Committee.

The evening concluded with President van der Zwet installing 1987–1988 division officers: William MacDonald, West Virginia University, president; Robert B. Carroll, University of Delaware, vice-president; Suzanne Hurtt, USDA plant protection, secretary-treasurer; and R. J. Stipes, Virginia Polytechnic and State University, counselor.—*R. Jay Stipes*

Report of the Southern Division Councilor. The annual meeting of the Southern Division of the American Phytopathological Society was held February 1–4, 1987, in conjunction with the annual meeting of the Southern Association of Agricultural Scientists. The meeting location was the Opryland Hotel, Nashville, TN. Local arrangements for the Southern Division meeting were made by a committee, chaired by Dr. Melvin Newman, from the Department of Entomology and Plant Pathology, University of Tennessee. Facilities were excellent. Eighty people were registered for the meeting, presided over by Dr. Donald Hopkins, president.

The Southern Division was pleased to welcome Dr. Anne Vidaver, president of APS, to the meeting. She spoke to the membership about activities and plans of the parent Society and its council.

Thirty-eight contributed papers were presented, including 12 in the Graduate Student Award Competition. Two invited speakers presented papers: Dr. Tim Denny of the University of Georgia, Athens, spoke on "Applying Biotechnology to Research in Plant Pathology," and Dr. Ann Chase, University of Florida, AREC, Apopka, FL, spoke on "Role of Host Nutrition in Ornamental Diseases." A discussion session, chaired by Don Hopkins, University of Florida, was held on current status of citrus canker in Florida.

In the Graduate Student Award Competition, \$100 and a certificate was awarded to B. G. Padgett of the Department of Plant Pathology, University of Georgia, for his paper entitled "Effect of Disease Resistance on Tobacco Etch Virus Epidemics in Bell Pepper." Co-authors were F. W. Nutter, Jr., and C. W. Kuhn. The second place award of \$50 and a certificate went to S. F. Tomasino of the Department of Plant Pathology, Oklahoma State University. Co-author was K. E. Conway. All participants in the competition were honored at a breakfast.

Dr. Homer D. Wells, USDA/ARS plant pathologist at the Georgia Coastal Plain Experiment Station, Tifton, received the Outstanding Plant Pathologist Award. He was recognized for his outstanding research for many years in diseases of forage grasses and legumes.

Officers for 1987 installed at the meeting, or continuing in multi-year terms are: Dr. Kenneth E. Conway, Oklahoma State University, president; Dr. O. J. (Joe) Dickerson, Clemson University, vice-president; Dr. C. Lee Campbell, North Carolina State University, counselor.

The 1988 meeting of the Southern Division is scheduled for March 7–9 at the Embassy Suites Hotel in McAllen, TX, as an independent meeting of the Southern Division. The meeting will be hosted by the Department of Plant Pathology, Texas A&M University.—*James M. McGuire*