

# Seventy-Fourth Annual Report of the American Phytopathological Society

The American Phytopathological Society held its 74th Annual Meeting in Salt Lake City, UT, August 8-12. Meeting headquarters was the Hotel Utah, which accommodated all formal sessions. The Local Arrangements Committee, chaired by G. D. Griffin, did a superb job and was commended for having the meeting in such an excellent facility. Both the program and attendance were the largest ever. Total registered attendance was 1,443, which included 894 members, 323 student members, 94 nonmembers, 83 spouses, and 49 others. Displays, exhibits representing commercial companies, APS Headquarters, APS Committees, and a combined book exhibit added to the interest of the meeting.

President Browning officially began the meeting at the opening assembly, and Stanford Cazier, Utah State University President, welcomed APS to Utah. President Browning then delivered his provocative address on "Whither plant pathology? Whither plant health." The keynote address, "Barriers to innovation for the grower," was delivered by commercial grower, E. Burns of Burns Berry Basket, Madrid, NY.

The full program was very well managed, but presented members with the dilemma of occasional conflicts in which sessions to attend. Four symposia highlighted the meeting: "Coffee Rust in the Americas: Assessment and Impact," "Genetic Aspects of Breeding for Resistance Against Soilborne Plant Pathogens," "Immunochemistry in Plant Pathology," and "Estimated Yield Reduction of Major Food Crops of the World." Discussion sessions were on "Factors Impinging Upon Research in the Public and Private Sectors," "Future Directions and Priorities in Mycorrhizal Research," "Scouting Techniques for Integrated Pest Management Programs," "Techniques for Evaluating Plants for Resistance to Phytopathogenic Bacteria," "Plant Pathology in Title XII Activities," "Commercialization of Biocontrol Agents," "Microplot Techniques for Field Research," "Agricultural Consulting," "Use of Computer and Electronic Hardware for Extension Delivery Systems," "Economic and Aesthetic Damage to Ornamental Plants," "Bacterial Pathogens as Epiphytes," "Relating Nematode Population Densities to Crop Yield," "Preparation and Use of Educational Material," "*Verticillium* Wilt of Alfalfa," "Bacterial Movement in Plant Tissue," "Impact Assessment of Forest Diseases," "Potential for Fungicide Resistance Problems in Management of Turfgrass and Ornamental Disease," "Agricultural Law," "Strategies for Selection and Genetic Manipulation of Biocontrol Agents," and "Turfgrass Diseases." Workshops included an annual one for "Deciduous Tree Fruit Workers" and one on "Serological Detection of Viruses and Bacteria in Seeds." Teach-ins were conducted on "Methods of Pesticide Application for Disease Management," "Crop Loss Assessment," and "Teaching of Genetics in Plant Pathology Graduate Programs." In addition, there was a New Products and Services presentation by commercial firms of products and services that became commercially available in the past year. Two poster sessions were required to accommodate the more than 85 posters presented. The slide salon and placement service center were busy places during the meeting. At the 38 paper sessions, 653 papers were presented. Ad-hoc meetings, committee meetings, and related meetings were also held.

A variety of social activities for members and spouses were held, including tours and field trips. Special highlights were the Mormon Tabernacle Choir performance and the western barbecue at Pioneer Village. The Special Awards Ceremony was presided over by President J. A. Browning and Past President W. Garrett. The reception after the ceremony gave the opportunity for personal congratulations and interactions.

Members approved an amendment to the bylaws at the business meeting to equalize the dues structure for PHYTOPATHOLOGY and PLANT DISEASE.—  
*Anne K. Vidaver*

## REPORT OF COUNCIL MEETINGS

President J. A. Browning presided at the midyear Council meeting February 17-19, as reported in PHYTOPATHOLOGY NEWS (June 1982), and August 7, 8, 10, and the morning of the 12th during the annual meeting. R. E. Ford, incoming President, presided at the new Council meeting on August 12 in the afternoon. All but one member of Council were present at all meetings, except for occasional individual conflicting commitments.

As previously reported, J. Lockwood and A. Weinhold were elected Vice-President and Councilor-at-Large, respectively. R. J. Campana and D. Burke completed their terms of office as Councilors and were replaced by R. Rohde for the Northeastern Division and M. Wiese for the Pacific Division, respectively. Terms for new Council members began August 12. At the same time, W. Garrett and R. Millar completed their terms of office as Immediate Past President and Councilor-at-Large, respectively. Council also approved D. French as a new Member-at-Large for the Financial Advisory Committee, to replace S. Alcorn, and appointed H. R. Cameron as new Treasurer to replace E. Kendrick. C. W. Horne was approved by Council to assume the position of Editor-in-Chief of PLANT DISEASE as of January 1, 1983. A. Epstein was selected as a replacement for H. Waterworth, Editor of PHYTOPATHOLOGY NEWS.

Division Councilors presented reports on programs and membership concerns of their divisions.

As usual, financial matters received a great deal of attention. Kendrick reviewed the fiscal 1982 budget (July 1, 1981-June 30, 1982). The audited financial statement included here was not available at the annual meeting because of the time required by the CPA to carry out a qualified audit. (An audited statement, however, is included in the annual report.) Headquarters cost reductions were made in staff benefits and personnel expenses reduced by the use of temporary employees as needed. Among budget adjustments was the increase in the level of support for the Diamond Jubilee symposia to \$10,000, reflecting the desired participation of nonmembers and the large number of symposia to be presented. PLANT DISEASE advertising income did not develop to the extent originally anticipated. Production economies effected by PLANT DISEASE should result in a break-even position by the end of fiscal 1983. A surplus of over \$100,000 is budgeted for fiscal 1983, due principally to anticipated nonjournal publications already on hand or in process. The policy of having each Division pay its Councilor's expense to attend the midyear Council meetings was rescinded, effective next fiscal year; Council thanks the Divisions for their previous financial assistance. Thus, all members of Council will be reimbursed as before for expenses incurred to attend the midyear meeting. The finale of the Ninth International Congress of Plant Protection was realized with receipt of \$20,346.95. Council approved an expenditure up to \$1,500 beyond that already budgeted for publication of a larger issue of PHYTOPATHOLOGY as needed, since a backlog is beginning to develop. Priorities will continue to include building a healthy reserve or contingency fund.

Several Committee and Representative reports were presented to Council.

- A. The Long-Range Planning Committee completed its assignment as publicized in PLANT DISEASE (July 1982). Council directed that a new committee be appointed to consider implementing the key issues, with a report requested by the next midyear Council meeting.
- B. The Long-Range Planning Committee for Science was reappointed by President Ford.
- C. B. Jacobsen reported on the organizational meeting of the American Registry of Professional Plant Pathologists, sponsored by the Special Committee on Registration. Only nine persons attended; none was a private practitioner. He requested Council to determine whether such a

registry is still wanted by the membership. Council authorized him to make that determination via publicity in *PLANT DISEASE* or *PHYTOPATHOLOGY NEWS*. If the registry is still strongly desired, liability concerns will warrant attention.

- D. The Committee on Committees raised questions on the desirability of having more members on certain committees to maintain continuity, on membership participation problems, and on some committee inactivity. Council asked the Committee on Committees to suggest remedies by midyear.
- E. G. Bird reviewed Public Relations activities, particularly those prepared for the Diamond Jubilee.
- F. M. Schroth presented a report of the Awards and Honors Committee, indicating steps the Committee had taken to standardize nominations, improve record keeping, and seek nominations.
- G. D. Slack reviewed Membership Committee activities and suggested offering new regular members a compendium of their choice for joining APS. This recommendation met with Council approval.
- H. S. Tolin reported on recent federal activities in the field of recombinant DNA.

Council approved reinstatement of membership in the Council for Agricultural Science and Technology (CAST), based on testimony of its value by several members, and an improved financial outlook.

Members had brought to Council's attention several minor errors in the revised Constitution, as a result of which incoming President Ford was asked to appoint a Committee to address this problem.

Council received reports on International Plant Pathology activities. B. Tweedy requested APS support for a limited exchange program with the People's Republic of China to enable some of their scientists to attend the Diamond Jubilee. Council approved the request, based on President Browning's invitation to them. APS member participation would be determined at a later date. The activities of the International Society of Plant Pathology were reviewed by A. Kelman. Offers to host the Sixth International Congress have been made by the Canadian and Japanese Phytopathological Societies.

A potential youth program in plant pathology was presented to council by W. Miller. The program would be affiliated with the National Confederation of Youth. Council was supportive of the concept and requested President Ford to appoint a committee to investigate this suggestion further.

Diamond Jubilee activities were reviewed at considerable length. The plenary session is planned with five speakers: L. Brown on challenges we face in the age of plants, D. J. Greenland on the concept of SYAES, R. Rodale on plant health with low energy biological farming, H. Bormann on constraints to plant health in natural ecosystems, and J. A. Browning on the nation's plant health care system. An historical perspective will pervade the meetings. Final plans for symposia and speakers were well under way.

Council approved a resolution of the Bacteriology Committee calling for increased expenditures by the commercial sector for development of bactericides and offering the Committee's support.

Publication reports were given by T. Kommedahl, publications coordinator, S. Nelson, headquarters' general manager, K. Leonard on *PHYTOPATHOLOGY*, and M. Schurtleff on *PLANT DISEASE*. Reprints in color for *PLANT DISEASE* were discussed, but costs and attendant problems were considered prohibitive, but black and white reprints for research projects and feature articles were approved. A policy of overbooking for nonjournal publications, as needed, was approved by Council in an effort to sustain a flow of material and maximize resource use. Council supported revision of the USDA Index of Plant Diseases by M. Obrien and encouraged publicity regarding her efforts at data acquisition. An updated and revised membership directory was authorized.

A revised list of common names of plant diseases was considered but deferred so that the best way to maintain an up-to-date, accessible, and accurate list may be determined.

Based on recommendations by President Browning, various Council members, and several Committees, incoming President Ford appointed several ad-hoc committees. These were: Ad-Hoc Committee to Review the Status of *PHYTOPATHOLOGY NEWS*, Ad-Hoc Committee to Implement Long-Range Planning Committee "Key Issues," Ad-Hoc Committee on Royalty Assignments, Ad-Hoc Committee on Youth Programs, Ad-Hoc Committee on Constitutional Refinement, Ad-Hoc Committee on Sustained Yield Agro-Ecosystems, and Ad-Hoc Committee on Development of a "Plant Dr." degree.—A. K. Vidaver

## REPORT OF THE BUSINESS MEETING

President Browning called the annual business meeting to order at 1:05 p.m. Wednesday, August 11. W. Garrett was appointed parliamentarian. After the meeting agenda was distributed, there was a call for additions or corrections. R. Green asked that the agenda be corrected to show that Item

VI was to be a Bylaw amendment, not a Constitutional amendment. It was then moved, seconded, and carried to approve the agenda as corrected.

Officers presented summaries of their reports. President Browning reviewed his activities throughout the year, including interactions with members at divisional meetings. He reviewed the reactions he had received from streamlining the APS Constitution, indicating that it has been well received. Some "fine-tuning" for some errors and ambiguities needs to be done, and he suggested that this matter would be dealt with by an ad-hoc committee under Ford. He indicated that payment of expenses of Division Councilors to the midyear meeting was a controversial and diverse issue and that the matter would be dealt with by Council. He reviewed the general financial status of the Society and indicated that it is in good health. The dues structure was reviewed, relative to the proposed Bylaws amendment. He thanked headquarters staff for assisting in keeping APS in a generally favorable financial status. Council and the membership were thanked for their encouragement and support during his term.

Other reports were from A. Vidaver, Secretary; E. Kendrick, Treasurer; K. Leonard, Editor-in-Chief, *PHYTOPATHOLOGY*; M. C. Shurtleff, Editor-in-Chief, *PLANT DISEASE*; and T. Kommedahl, Publications Coordinator. It was moved by W. Garrett, seconded by T. Kommedahl, and carried to accept the Treasurer's report.

Committee reports were presented as follows: Necrology—A. K. Vidaver; Site Selection—R. J. Cook; Local Arrangements, 1983 Annual Meeting—A. Epstein; and Diamond Jubilee—R. J. Cook.

J. Tammen reviewed International Plant Pathology activities. He indicated that final mailings were in process for the Fourth International Congress of Plant Pathology. He urged APS to continue to support the ISPP Newsletter. The newsletter is expected to continue publication quarterly, but probably in a different format because of financial constraints. He reminded members that individual membership will continue to be made available. A key question is the choice of the meeting site for the Fifth International Congress, in either Japan or Canada. Most of the officers will be retiring at the Fourth Congress; thus, the composition of officers for the Fifth Congress is critical for the future of the International Society of Plant Pathology.

The Bylaws amendment to equalize the base dues structure between *PLANT DISEASE* and *PHYTOPATHOLOGY* was reviewed. It was moved, seconded, and carried to approve the amendment.

Winners of exhibit prizes were announced by Browning.

Browning thanked Gerald Griffin and his colleagues, as well as headquarters staff, for the fine job in local arrangements.

A new mode of recognition for service was initiated. Certificates of recognition and appreciation were presented to outgoing Councilor-at-Large, R. Millar; Northeast Division Councilor, R. Campana; Treasurer, E. Kendrick; Financial Advisory Committee Member-at-Large, S. Alcorn; and Senior Editor of *PLANT DISEASE* D. Mathre. Other senior editors of *PLANT DISEASE* and *PHYTOPATHOLOGY* as well as the features editor of *PLANT DISEASE* were honored in absentia.

Browning welcomed A. Weinhold as new Councilor-at-Large, R. Rohde as Councilor from the Northeastern Division, M. Wiese as Councilor from the Pacific Division, H. R. Cameron as Treasurer, D. French as Member-at-Large, Financial Advisory Committee, J. Lockwood as President-Elect (in absentia), and C. W. Horne as Editor-in-Chief, *PLANT DISEASE*.

On behalf of the society, W. Garrett thanked Browning for his able leadership and stewardship of the Society. Browning indicated his deep thanks for the support of the membership during his tenure and passed the gavel to President-Elect R. Ford.

Ford expressed his thanks to Browning and, on behalf of the society, presented him with a plaque of recognition and appreciation.

After a suitable motion, Ford adjourned the meeting at 3:25 p.m.—A. K. Vidaver

## REPORT OF OFFICERS

**Report of the President.** The APS purpose, to promote "the increase and diffusion of all aspects of knowledge relating to plant diseases and their control," is met primarily via the APS Annual Meeting and publications. Thus, most APS business is directed toward these activities.

The Annual Meeting effort this year was directed toward planning a successful meeting 8–12 August 1982 in Salt Lake City and assuring successful preparations for the Diamond Jubilee Celebration 26–30 June 1983 in Ames, IA. The Salt Lake City meeting must be judged a great success as a record 1,443 registrants, presenting 653 contributed papers, responded to the excellent program of the Subject Matter, Teaching, and Extension committees coordinated through the Program Committee. The Society is indebted to Program Committee Chairman R. E. Ford, Local Arrangements Committee Chairman G. D. Griffin, Hotel Utah Managing Director Stuart G. Cross and his helpful staff, and APS General Manager Steve Nelson who interfaced with them, for making this meeting a great success.

Preparations for the 1983 celebration were begun in 1980 by then President L. H. Purdy who appointed the Diamond Jubilee Program Committee. That committee concentrated on planning a Diamond Jubilee Anniversary volume, "Challenging Problems in Plant Health," edited by T. Kommedahl and P. H. Williams, now in press. Responsibility for planning the actual meeting was transferred smoothly in 1982 from that committee, chaired by S. H. Smith, to the regular APS Program Committee, chaired by incoming President-Elect R. J. Cook. The latter had not yet been elected nor his committee members appointed when program planning for 1983 began in 1980. The Society is deeply indebted to the Smith Committee for their early planning, for the genius they showed in selecting the anniversary volume title and meeting theme, and for effecting a smooth transition to the Cook Committee. All is now functioning smoothly for the 1983 meeting. One plenary session and 22 symposia will attempt to project the science of phytopathology into the 21st century while reminding us of our history.

This was a memorable year for publications, also. PHYTOPATHOLOGY continued its preeminent role due to the work of Editor-in-Chief K. J. Leonard and his team. PLANT DISEASE began with great promise but a substantial deficit. Major economies were effected in August 1981 and it is projected to be in the black by mid-1983. PLANT DISEASE is now the most widely subscribed and read APS publication. The cost disparity between PLANT DISEASE and PHYTOPATHOLOGY was removed at Salt Lake City; also, reprints will be available for both journals. Great appreciation is expressed to retiring Editor-in-Chief M. C. Shurtleff and his Senior Editors H. S. Aldwinckle, O. H. Calvert, R. T. Gudauskas, D. E. Mathre, D. C. Norton, A. O. Paulus, and C. W. Horne for their yeoman work as midwives of PLANT DISEASE. At the same time, we welcome their replacements: Editor-in-Chief C. W. Horne and Senior Editors R. Berger, G. Mink, R. Nyvall, R. Riedel, and W. Sinclair.

To make PHYTOPATHOLOGY NEWS more timely, economical, and of service, it was wisely removed from PLANT DISEASE. H. E. Waterworth retired as editor after six years of exemplary service. He was replaced by A. H. Epstein, whom we welcome aboard.

Possibly the most exciting changes in APS publications were in the nonjournal series. Council voted in 1982 to thrust APS into the publication of phytopathology books—both hard cover and paperback—that normally would be submitted to commercial publishers. For this, APS is prepared to pay standard royalties on books originating outside committees and still sell members a high quality volume at substantial savings. A book committee of G. N. Agrios, chair, W. E. Fry, and L. Sequeira, was appointed to select candidate volumes and oversee their review and publication. A few volumes already have been published.

Other nonjournal publications remain active. In the popular compendium series, over 75,000 copies have been sold on seven subjects. Three more are due in 1983. This continues to be overseen by R. J. Campana. Phytopathological Monographs, quiescent for some years during the gestation and birth of PLANT DISEASE, was directed by Council to resume activity. A new Cassette Recording Series is being evaluated. The Councilor from the Caribbean Division was made a member of the Publications Coordinating Committee to help oversee translation and publication of APS material in Spanish. A new Directory will be published in 1984; one seems needed at *no less* than four-year intervals thereafter.

Recognizing that a perennial problem with nonjournal publications is timely manuscript submissions relative to budgeting and headquarters resource allocation, Council at Salt Lake City authorized the principle of overbooking for nonjournal publications. This is necessary for sound Society management but it will require a higher level of patience and understanding by APS authors.

Nonjournal publications continue to be overseen by T. Kommedahl, Chairman of the Publications Coordinating Committee, who began his second 3-year term in 1981. Council has taken steps to see that the leadership represented in him and the editors-in-chief of PHYTOPATHOLOGY and PLANT DISEASE does not change the same year.

In 1981-82, the new Constitution and Bylaws adopted at New Orleans were put into place. E. L. Kendrick's Constitution Revision Committee greatly streamlined the document but changed the Society little. But as with any new document, imperfections became evident once it was put into use. Further fine-tuning is being overseen by a committee chaired by parliamentarian R. J. Green, Jr. Among the changes effected that the membership desired is that the Bylaws now require publication of APS abstracts in PHYTOPATHOLOGY. Also to be published in that journal, by Council decision, are the Annual Report and Awards and Honors material. The Long-Range Planning Committee, chaired by C. Delp, completed its work and published its report. Consideration and implementation of the recommendations are to be a continuing effort overseen by a committee chaired by the Immediate Past President. With APS's now sound financial position, Council voted to resume APS responsibility for expenses of the division councilors to the midyear meeting and voted to continue APS membership in CAST. APS Archives are to be transferred to the Iowa State

University Archives, and our thanks go to Bill Kennedy for effecting this arrangement.

The Society is indebted to the Awards and Honors Committee for the present mode of operations it has effected. Yet to be clarified, however, is whether the number of annual Fellow Awards is limited by the Constitutional limitation of 0.25% of the total membership, or by another directive that the total number of Fellows not exceed 2% of the total membership.

With the receipt of \$20,346.96 that accrued to APS from the 1979 Ninth International Congress of Plant Protection held in Washington, DC, our books are closed on that event. APS is extremely grateful for the leadership of its members in this congress that traditionally is dominated by other disciplines, especially J. G. Horsfall, President of the Congress, J. F. Tammen, Program Committee Chairman, B. G. Tweedy, Secretary-General, and T. Kommedahl and R. J. Tarleton, Co-chairman of the Publications Committee.

I have long said that the best people in the world go into the agricultural sciences and that the cream of those become plant pathologists. I have been privileged to serve APS on the APS Council with some of the best of those. Among them, these retired from Council last year: W. N. Garrett as Immediate Past President, R. L. Millar as Councilor-at-Large, R. J. Campana and D. W. Burke as Councilors from the Northeastern and Pacific Divisions, respectively, and E. L. Kendrick as Treasurer. S. N. Alcorn also retired as Member-at-Large on the Financial Advisory Committee. Kendrick and Alcorn had given the Society yeoman service for six years. Their respective replacements were welcomed as follows: J. L. Lockwood (elected Vice-President), A. R. Weinhold, R. A. Rohde, M. V. Wiese, H. R. Cameron, and D. W. French. Council began the practice of the Society's awarding retiring officers, other council members, and certain other key leaders a plaque or certificate of recognition and appreciation.

I wish to thank also Raymond Tarleton, Executive Vice-President, and the rest of APS's very capable headquarters staff that has been so cooperative and helpful throughout my work on Council, not just in my year as President, and to congratulate Steve Nelson, Larry Hartman, Miles Wimer, and Vera Baker upon their well justified promotions to General Manager, Director of Finance & Administration, Manager of Nonjournal Publications, and Manager of Journal Publications, respectively.

It has been a great honor and privilege to serve APS, including 10 years on the Council, especially this year as your President.—*J. Artie Browning*

**Report of the Secretary.** The APS total membership as of June 30, 1982, was 3,944 in categories as follows: regular—2,799; student—743; sustaining associate—57; emeritus—281; husband-wife—35; group—5; and life—24. This represents about a 5% increase over the previous year.

The remainder of the Secretary's report is given via the recorded minutes.—*A. K. Vidaver*

**Report of the Treasurer.** In the year ending June 30, 1982, membership equity of the Society increased by \$11,793 over FY 1981 for a total of \$279,447. Of this total, \$56,250 is in restricted funds and \$201,942 is in fixed assets such as land, building, and equipment. The actual operating surplus was \$92.00 after fund transfers of \$10,000 were made to the building maintenance and capital improvement reserves.

It seems appropriate at this point in the Treasurer's report to review the past year in terms of our finances. While \$92.00 does not appear to be a large surplus, it is a significant turnaround from the original budget presented to Council in August 1981 at the New Orleans meeting. At the beginning of the meeting, Council discussed a budget that projected a deficit of about \$60,000. This deficit was primarily the result of high production costs for PLANT DISEASE and lack of anticipated income from advertising and other sources. Before Council adjourned at the end of the New Orleans meeting, it had accepted the advice of the Financial Advisory Committee, based on recommendations from staff, that PLANT DISEASE production costs be reduced. These and other adjustments reduced the projected deficit to \$21,000.

At Council's midyear meeting in February, it was apparent that we had *overanticipated* the number of nonjournal manuscripts that would be submitted and thus, had overprojected our income from this source. Council then faced a projected deficit of about \$80,000 for the fiscal year ending June 30, 1982. While council recognized that adjustments had to be made immediately, it seemed unlikely that we could correct the situation entirely, and measures were taken to develop a significant surplus budget for the following year, FY 1983.

Another factor that Council had to consider was the increasing backlog of manuscripts for both PLANT DISEASE and PHYTOPATHOLOGY. Two actions were taken to improve and deal with this particular problem.

(1) Council adjusted page charges, effective immediately, based on printing and other outside costs (members are reminded that page charges represent only one-third of the total cost of editing and publishing a page in our journals).

(2) Headquarters staff made some internal adjustments to shift more editing from manual to electronic and to shift editors from books to journals. These adjustments generated additional journal manuscripts for printing without added internal cost.

Along with these adjustments, headquarters staff increased its promotional efforts to sell nonjournal publications and nonmember

subscriptions and greatly reduced internal expenses such as travel. As a result of all of these efforts on the part of the Council and staff, the audited statement shows a surplus of \$92.00 versus the original projections of a large deficit. Your Treasurer suggests that this turnaround demonstrates the close attention given our finances by Council and the Financial Advisory Committee and the effective supporting efforts of our St. Paul office.

**ANNUAL FINANCIAL STATEMENT OF THE AMERICAN PHYTOPATHOLOGICAL SOCIETY  
July 1, 1981-June 30, 1982**

**Report  
of the  
Auditor**

I have examined the balance sheet of THE AMERICAN PHYTOPATHOLOGICAL SOCIETY (a nonprofit corporation) as of June 30, 1982, and the related statements of income and expenses and membership equity and changes in financial position for the year then ended. My 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 my opinion, the accompanying statements present fairly the financial position of The American Phytopathological Society at June 30, 1982, and the results of its operations for the year then ended, in conformity with generally accepted accounting principles applied on a consistent basis.—*Wallace F. Hilke, Certified Public Accountant*

**Balance Sheet—June 30, 1982 and 1981**

	Current Operating Fund	Restricted (Schedule Attached)	Total All Funds June 30	
			1982	1981
<b>Current Assets:</b>				
Cash—Checking	\$ 8,436	\$ ...	\$ 8,436	\$ 13,029
Savings	178,651	33,112	211,763	237,205
Accounts receivable, net of allowance of \$4,000 for doubtful accounts	93,503	...	93,503	62,247
Inventories	122,806	...	122,806	117,178
Prepaid expenses (Note 1)	52,585	...	52,585	44,487
Note receivable and investments (Note 2)	20,000	...	20,000	10,000
Marketable securities (Note 3)	10,516	23,138	33,654	33,654
Total current assets	\$486,497	\$56,250	\$542,747	\$517,800
<b>Land, Building and Equipment</b> (at cost), less accumulated depreciation	201,942	...	201,942	222,566
	<u>\$688,439</u>	<u>\$ 56,250</u>	<u>\$744,689</u>	<u>\$740,366</u>
<b>Current Liabilities:</b>				
Current maturity of note payable—bank	\$ 14,305	\$ ...	\$ 14,305	\$ 10,000
Accounts payable	57,293	...	57,293	63,343
Due to American Association of Cereal Chemists, Inc.	15,978	...	15,978	55,274
Accrued pension payable (Note 4)	18,150	...	18,150	13,750
Property taxes payable	9,450	...	9,450	8,747
Deferred revenue (Note 5)	339,075	...	339,075	295,127
Total current liabilities	\$454,251	\$ ...	\$454,251	\$446,241
<b>Notes Payable—Bank</b> , net of current maturity included above (Note 6)	10,991	...	10,991	26,471
<b>Membership Equity</b>	223,197	56,250	279,447	267,654
	<u>\$688,439</u>	<u>\$56,250</u>	<u>\$744,689</u>	<u>\$740,366</u>

(See accompanying notes to these financial statements.)

The Treasurer believes the efforts now being made by the PLANT DISEASE Advisory Board and the realistic financial approach taken by Council will result in a break-even position for this journal in FY 1984 (we should be very close to break-even by FY 1983). It has taken a tremendous effort on the part of the Society to take on the publication of PLANT DISEASE. Although some members were concerned over the decision of APS to assume publication of the Plant Disease Reporter from the USDA/ARS several years ago, I can assure you that the publication would have been dropped by USDA eventually and with slimmer prospects for any substantial USDA assistance during these transition years. The Society should be proud of PLANT DISEASE and its role in the scientific literature. And more important, this was accomplished while maintaining the high quality, integrity, and demand for PHYTOPATHOLOGY.

It is important at this particular time to regroup and build our reserves. In spite of the very substantial grants from USDA, the Society invested a great

deal of money in PLANT DISEASE. We must regain our financial integrity before taking on any major projects. The Society will continue to request needs beyond our projected income. Thus, you, the members, will need to help the Council set priorities. The Treasurer and the rest of the Financial Advisory Committee will continue to remind the Council to *not over extend itself financially* and to *build a substantial reserve*.

So, as I finish my second term as your Treasurer, the APS financial outlook for FY 1983 is good. Beginning with the annual meeting in 1976, it has been my privilege to serve as Treasurer under seven fine Presidents, who are also outstanding phytopathologists and leaders, namely, Drs. Bob Aycock, Bill Bruehl, Durward Bateman, Jack Schafer, Hank Purdy, Wiley Garrett, and J. Artie Browning. I thank each of these gentlemen for their support and wise counsel during my two terms as Treasurer.

Taking my lead from your previous Treasurer, Hank Purdy, and with the good help of the Financial Advisory Committee, I believe we have assisted

**Statement of Current Funds Income and Expenses and Membership Equity  
for the Years Ended June 30, 1982 and 1981**

	Current Operating Fund	Restricted (Schedule Attached)	Total All Funds June 30	
			1982	1981
<b>Income:</b>				
Membership dues	\$ 217,668	\$ ...	217,668	\$ 182,089
Subscriptions	355,311	...	355,311	297,559
USDA Grant—PLANT DISEASE (Note 7)	40,000	...	40,000	118,000
Reprints	22,026	...	22,206	17,000
Page charges	109,171	...	109,171	76,295
Back issues	16,825	...	16,825	15,357
Nonjournal publications	200,354	...	200,354	203,113
Annual reviews	6,880	...	6,880	8,019
Annual meeting	89,299	...	89,299	69,133
9th International Congress	19,946	...	19,946	...
Other	58,790	...	58,790	55,391
<b>Total operating income</b>	<b>\$1,136,270</b>	<b>\$ ...</b>	<b>\$1,136,270</b>	<b>\$1,041,956</b>
Investment and other non- operating income	32,781	5,744	38,525	37,515
Contributions	583	...	583	5,000
<b>Total income</b>	<b>\$1,169,634</b>	<b>\$ 5,744</b>	<b>\$1,175,378</b>	<b>\$1,084,471</b>
<b>Expenses:</b>				
Member services	\$ 63,701	\$ ...	\$ 63,701	\$ 62,866
PHYTOPATHOLOGY	260,987	...	260,987	222,499
PHYTO NEWS	11,473	...	11,473	...
PLANT DISEASE (Note 7)	271,706	...	271,706	284,752
Nonjournal publications	125,904	...	125,904	145,230
Annual meeting	90,080	...	90,080	74,358
Building operations and depreciation	38,198	...	38,198	33,999
Awards	250	2,607	2,857	3,900
General administration	297,243	1,436	298,679	241,730
<b>Total expenses</b>	<b>\$1,159,542</b>	<b>\$ 4,043</b>	<b>\$1,163,585</b>	<b>\$1,069,334</b>
<b>Excess of income over expenses</b>	<b>\$ 10,092</b>	<b>\$ 1,701</b>	<b>\$ 11,793</b>	<b>\$ 15,137</b>
<b>Membership Equity, Beginning of Year</b>	<b>223,105</b>	<b>44,549</b>	<b>267,654</b>	<b>252,517</b>
<b>Fund Transfers (See schedule of restricted funds)</b>	<b>(10,000)</b>	<b>10,000</b>	<b>...</b>	<b>...</b>
<b>Membership Equity, End of Year</b>	<b>\$ 223,197</b>	<b>\$ 56,250</b>	<b>\$ 279,447</b>	<b>\$ 267,654</b>

(See accompanying notes to these financial statements.)

**Schedule of Restricted Funds  
For the Year Ended June 30, 1982**

	Ruth Allen Fund	APS Endowment Fund	Lee M. Hutchins Award	Building Maintenance Reserve	Capital Improvement Fund	Total
<b>Balance, Beginning of Year</b>	\$12,149	\$5,436	\$17,205	\$ 9,759	\$ ...	\$44,549
<b>Investment Income</b>	1,434	774	1,835	1,468	233	5,744
<b>Fund Transfers</b>	...	...	...	3,000	7,000	10,000
	<u>\$13,583</u>	<u>\$6,210</u>	<u>\$19,040</u>	<u>\$14,227</u>	<u>\$7,233</u>	<u>\$60,293</u>
<b>Deduct</b>						
Awards given	\$ 575	\$ ...	\$ 2,032	\$ ...	\$ ...	\$ 2,607
General administration	358	194	459	367	58	1,436
	<u>\$ 933</u>	<u>\$ 194</u>	<u>\$ 2,491</u>	<u>\$ 367</u>	<u>\$ 58</u>	<u>\$ 4,043</u>
<b>Balance, End of Year</b>	<u>\$12,650</u>	<u>\$6,016</u>	<u>\$16,549</u>	<u>\$13,860</u>	<u>\$ 7,175</u>	<u>\$56,250</u>
<b>Represented on Balance Sheet By:</b>						
Cash-Savings	\$ 4,502	\$6,016	\$ 1,559	\$13,860	\$ 7,175	\$33,112
Marketable securities	8,148	...	14,990	...	...	23,138
	<u>\$12,650</u>	<u>\$6,016</u>	<u>\$16,549</u>	<u>\$13,860</u>	<u>\$7,175</u>	<u>\$56,250</u>

(See accompanying notes to these financial statements.)

**Statement of Changes in Financial Position  
for the Years Ended June 30, 1982 and 1981**

	Year Ended June 30	
	1982	1981
<b>Source of Funds:</b>		
Excess of income over expenses	\$11,793	\$15,137
Depreciation, which does not affect working capital	23,836	22,336
Long-term borrowing	...	26,471
	<u>\$35,629</u>	<u>\$63,944</u>
<b>Application of Funds:</b>		
Equipment purchases	\$ 3,212	\$48,014
Repayment of long-term borrowing	15,480	...
	<u>\$18,692</u>	<u>\$48,014</u>
Increase in working capital	<u>\$16,937</u>	<u>\$15,930</u>

(See accompanying notes to these financial statements.)

staff in developing more sophisticated accounting tools and tighter cost control systems. Significant progress has been made in converting our financial records to computer with the result that trends can be detected more rapidly and adjustments can be made on a timely basis. The appointment of Larry Hartman as Director of Finance and Administration at headquarters has had a real impact on these financial improvements.

At the urging of the Financial Advisory Committee, Council is once again budgeting a minimum reserve of 5-6%. We had to abandon this

approach to building a reserve when PLANT DISEASE was acquired. Now we may continue with our long-range financial plan. The budget for FY 1983 approved by Council at Salt Lake City incorporates a 6% reserve and a break-even operating performance.

In closing, I remind the membership to be continually cognizant and attentive to the marvelous professional staff at your disposal in the St. Paul headquarters office under the most able executive leadership of Raymond Tarleton, Executive Vice-President.

Lastly, I must express my great appreciation for Council's foresight in appointing Dr. Stanley Alcorn as Member-at-Large to the Financial Advisory Committee. He is not only a great person to work with, but he has been the finest Vice-Chairman anyone could have. For all intents and purposes, Stan has served as your Co-Treasurer these past six years. The Society and I both owe Dr. Alcorn a great debt of gratitude for his fine and dedicated service.

My thanks to all of the members for support and cooperation during a highly active period in the Society's history.—*E. L. Kendrick*

**Notes to Financial Statements**

**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 is included at one half the total costs of these assets. The American Association of Cereal Chemists, Inc., shares equally in the costs of the property and shares headquarters space with the Society.

The notes payable to the St. Anthony Park State Bank of St. Paul is secured by equipment with an approximate cost of \$80,000 (Society's one half share = \$40,000).

Summary of land, building, and equipment:

	June 30	
	1982	1981
Land	\$ 27,047	\$ 27,047
Building and improvements	174,863	174,863
Equipment	122,608	119,396
	\$324,518	\$321,306
Less-Accumulated depreciation	122,576	98,740
	\$201,942	\$222,566

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 \$15,978 at June 30, 1982, represents, primarily, unpaid shared expenses.

#### Notes Referred to on Financial Statements.

1) **Prepaid Expenses.** Prepaid expenses represent advance payments for services and supplies which will benefit subsequent years. The amounts shown represent

	June 30	
	1982	1981
Annual meeting	\$26,530	\$27,546
Books in press	17,311	4,026
Data processing	4,584	5,816
Supplies and service contracts	1,581	2,507
Unexpired insurance and other	2,579	4,592
	\$52,585	\$44,487

2) **Notes Receivable and Investments.** At June 30, 1982, an amount of \$20,000 was due from The American Association of Cereal Chemists, Inc. This amount was loaned during the current year and is payable on demand. Interest will be received at the rate of 10% per annum.

At June 30, 1981, the account included one treasury note, which matured in May 1982.

3) **Marketable Securities.** Marketable securities are carried 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	
	1982	1981
\$2,000 Western Union bonds maturing 1992	\$ 2,060	\$ 2,060
230 common shares Pacific Lighting	6,088	6,088
100 common shares General Motors	10,516	10,516
27 common shares St. Paul Securities, Inc.	317	317
14 units Paine Webber Corporate Securities Trust	14,673	14,673
Total cost	\$33,654	\$33,654
Approximate fair market value at date shown	\$25,140	\$27,300

4) **Pension Plan.** The Society amended the pension plan effective September 1, 1976. The money purchase plan in effect prior to that date was amended into a defined benefit plan. The liability recorded represents the actuary's estimate of the current year's plan contribution accrued to date. An unfunded past service liability of approximately \$26,250 is to be funded by future annual supplemental contributions to the plan.

5) **Deferred Revenues.** Deferred revenues represent advance receipts of

amounts not earned, but which will be included in income within 12 months. The amounts shown represent

	June 30	
	1982	1981
Membership dues	\$114,791	\$99,393
Subscriptions—Phytopathology	116,536	99,393
Plant Disease	67,181	54,895
Annual meeting	35,667	39,897
Annual reviews	4,900	4,891
	\$339,075	\$295,127

6) **Notes Payable—Bank.** The Society and the American Association of Cereal Chemists, Inc. are jointly liable to the St. Anthony Park State Bank of St. Paul for funds borrowed to purchase a word processing system and a computer. This equipment is collateral to the loans.

Total owed at June 30, 1982	\$ 50,592
Society's one-half share	\$ 25,296
Current maturity of Society's one-half share	\$ 14,305
Long-term portion	\$ 10,991

The Society's portion of the total monthly payments equals \$1,413, including interest computed at the prime rate.

7) **PLANT DISEASE.** A grant has been approved by the U.S. Department of Agriculture in the amount of \$80,000 to offset a portion of the costs of publication. \$40,000 was received during the current year. The balance of \$40,000 will be received in the year ending June 30, 1983.

**Current Restricted Funds.** The Society maintains five 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 APS 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 will seek to attract additional gifts to the Society, and its earned interest will be used for special projects of the organization as designated by the Council.

*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 \$3,000 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 \$7,000 per year. The building co-owner, the American Association of Cereal Chemists, Inc., makes a similar contribution.

## REPORTS OF SOCIETY PUBLICATIONS

**Report of Publications Coordinator.** The Publications Coordinating Committee (PCC) consists of the chairs of all committees involving nonjournal publications and the editors-in-chief of PHYTOPATHOLOGY and PLANT DISEASE. Because the editors-in-chief of the journals are members of Council, they will make separate reports. My report covers nonjournal publications. In fiscal year 1981-82, 17,291 publications were sold. They are mainly compendia and numbers sold are as follows: Corn (3,024), Potato (2,784), Wheat (1,916), Soybean (1,885), Alfalfa (1,467), Elm (1,279), Cotton (1,004), and Barley (672). Other publications include monographs (683), classics (293), and miscellaneous ones such as the serology book, lab guide, manuals, and keys.

New publications this year (1981-82) include: Barley Compendium, Soybean Compendium revision, reprint of Baker and Cook's book on Biological Control of Plant Pathogens, a book on Methods and Principles of Mycorrhizal Research, and a camera-ready book on Suppressive Soils (a symposium).

A new book committee has been appointed consisting of George Agrios (chair), Bill Fry, and Luis Sequeira, who will solicit and receive proposals for books not resulting from Society committees. Royalties will be negotiated with authors (or editors) but only for noncommittee-produced books. Hardcover and softcover books with either camera-ready or typeset material will be considered.

Several new compendia and books are planned for 1982-83, including the Diamond Jubilee volume.—*Thor Kommedahl*

**Report of the Editor-in-Chief of PHYTOPATHOLOGY.** In the period 1 July 1981 through 30 June 1982 PHYTOPATHOLOGY published 271 research papers that averaged 4.32 pages long. In addition, we published 11 letters to the editor (26 pages) and 999 abstracts of papers presented at national or divisional meetings of the Society (130 pages). Research papers from Australia (2), Brazil (3), Canada (11), Costa Rica (1), England (1), France (1), India (1), Israel (2), Italy (3), Japan (3), Jamaica (1), Kenya (1), Lebanon (1), Mexico (1), New Zealand (1), The Philippines (3), South Africa (1), Spain (1), Tanzania (1), and West Germany (1) brought foreign contributions to about 15% of the total published.

We published a total of 1,411 pages during the period indicated; of these, page charges were assessed for 1,328. Reprinting the Table of Contents and inclusion of the Index in the December 1981 issue accounted for 42 pages, and 24 pages were devoted to the Annual Report and Awards. The remaining pages were devoted to the "Author's Guide for Manuscript Preparation," Revised 1982 (3 pages), Acknowledgement of Reviewers (3 pages), errata (1 additional page), Editor's note (1 page), Publisher's Statement (1 page), and eight obituaries (8 pages) published at the direction of Council.

The following data permit some comparisons for recent years.

	Fiscal Year						
	75-76	76-77	77-78	78-79	79-80	80-81	81-82
<b>Mss. Published</b>							
Research papers	306	294	310	313	265	299	271
Letters to the Editor	2	4	5	9	9	6	11
Abstracts	0	0	0	115	461	767	999
Total pages	1,500	1,510	1,723	1,553	1,242	1,349	1,411
Avg. page length of research papers	4.6	4.9	5.2	4.2	4.0	4.0	4.3
<b>Mss. Submitted</b>							
Total	446	433	440	426	472	469	393
Average/month	37.2	36.1	36.6	35.5	39.3	38.8	32.8
Acceptance rate	61%	66%	73%	65%	66%	72%	68%

On the average, manuscripts were mailed to reviewers 13.2 days after they were received at the editorial office. The average time for review (including time in the mail to reviewers) was 19.0 days. The average time for editing by senior editors (including time in the mail from reviewers) was 12.3 days. Revision by authors following editing required greater than 72 days on the average. Thus, the average length of time from submission to acceptance of the revised manuscripts was about 17 weeks of which 38% was accounted for by reviewing, editing, and handling of the manuscripts by the Editorial Board. During the period from July 1981 to June 1982, the average length of time between acceptance of manuscripts and their publication in PHYTOPATHOLOGY gradually increased from about 7.5 months to 10 months. Several factors contributed to this growth in the backlog of accepted manuscripts. These problems should now be corrected, and the

delay between acceptance and publication of manuscripts should decrease dramatically over the next few months. With the return to a normal schedule, manuscripts should be published within 6 months after they are accepted.

As of January 1982, PHYTOPATHOLOGY has been printed by Viking Press of Minneapolis, MN. The change to Viking Press resulted in significant savings in printing costs.

At Council's direction, the page charges for articles published in PHYTOPATHOLOGY have been raised to \$80 per page for members and \$150 per page for nonmembers of APS. The charges to be assessed are now determined at the time that galley proofs are prepared. This increased flexibility in assessing page charges will help adjust the income of the journal to match increases in expenses that may occur between meetings of the Council. During the past year the income generated by PHYTOPATHOLOGY from nonmember subscriptions, page charges, charges for abstracts, and sales of reprints and back issues amounted to nearly 80% of the expense of preparing and distributing the journal. The remainder was made up from income to the Society from membership dues or profits from nonjournal publications.

In January 1982, R. H. Lawson, J. E. Mitchell, G. E. Shaner, and R. T. Sherwood began 3-year terms as senior editors for PHYTOPATHOLOGY. There are 41 Associate Editors on the Editorial Board. Fourteen Associate Editors will complete their 3-year terms and retire from the board on 31 December 1982. They are O. W. Barnett, T. W. Carroll, J. M. Daly, D. Gonsalves, M. J. Goode, J. V. Groth, J. W. Hendrix, J. P. Hollis, Jr., W.-H. Ko, S. S. Leach, M. S. Mount, L. Shain, M. V. Wiese, and W. Wynn. The Society is indebted to these members who have devoted their time and energy to the review processes and the maintenance of high-quality standards for the journal.

During the transition to a new Editorial Board and Editor-in-Chief, some confusion was bound to occur. I sincerely appreciate the work of Vera Baker, Steve Nelson, Miles Wimer, Robert Minter, and Janice Sampson in keeping the problems to a minimum and in making the transition as smooth as possible. The work of Luis Sequeira in maintaining high standards for the journal during his tenure as Editor-in-Chief and his assistance during the transition are especially appreciated.—*K. J. Leonard*

**Report of the Editor-in-Chief of PLANT DISEASE.** Between 1 July 1981 and 30 June 1982, PLANT DISEASE published 13 issues rather than 12. This report, however, is based on 12 issues that included 217 research papers (average length 2.5 printed pages), 34 features, and 76 new diseases and epidemics. Papers from South Africa (2), Argentina (1), Australia (4), Brazil (4), Canada (6), Chile (1), Colombia (3), Egypt (1), France (1), Great Britain (1), Greece (1), India (11), Iran (2), Iraq (2), Israel (10), Ivory Coast (2), Japan (2), Jordan (1), Kenya (3), Nigeria (2), Peru (1), The Philippines (2), Puerto Rico (1), Spain (2), Sudan (1), Taiwan (1), and West Germany (1) brought foreign contributions to 23.5% of the total published, down from 28.2% last year and 32% for 1979-80.

PLANT DISEASE published 1,055 pages during the period indicated. Research articles amounted to (578), New Diseases and Epidemics (146), Features (176), Phytopathology News (8, in two issues), Editorials (13), Focus (12), Scientific News (11), Author Instructions (2), Table of Contents (25), Masthead (12), Letters (3), Growers Page (6), Index (9), Keynote Address (3), Acknowledgment of Reviewers (1), and Advertising (39); the remaining 36 pages include covers, the list of APS Sustaining Associates, and Index of Advertisers in each issue.

As of 30 June, 1982, of 353 research manuscripts received (41.2 average per month), 205 were accepted, 67 rejected, and the remainder either were withdrawn or were still out for revision (and most will probably be accepted). The percentage rejected is 19.39. In addition, six manuscripts were sent to PHYTOPATHOLOGY and three manuscripts were transferred to another section of PLANT DISEASE or combined with another manuscript.

In addition to reviews provided by the Associate Editors, one or more reviews were obtained during 1981 from 283 individuals who were not members of the Editorial Board. Their names were published in the February issue in grateful acknowledgment of their help.

The Editorial Board currently is composed of 65 individuals; 15 Associate Editors will complete their tenure 31 December 1982. Members retiring from the Board are G. N. Agrios, R. S. Byther, R. Charudattan, P. F. Colbaugh, H. S. Fenwick, R. L. Gilbertson, F. Hawksworth, H.-T. Hsu, S. M. Lim, P. C. Pecknold, S. Rich, R. W. Roncadori, M. Sasser, A. L. Scharen, and J. C. Sutton. Five senior editors (H. S. Aldwinckle, O. H. Calvert, R. T. Gudauskas, D. E. Mathre, and D. C. Norton) will also be retiring as will our Feature Editor, A. O. Paulus; the Editorial Editor, C. W. Horne; and two members of the Editorial Advisory Board, K. R. Barker, and A. O. Paulus. The Society is indebted to all these members who have given freely of their time to ensure the maintenance of high-quality standards for the journal. I would especially like to thank Vice-President R. James Cook who has written the Scientific News page for the past three

years; Publications Coordinator Thor Kommedahl who has submitted the Focus page each month since the start of PLANT DISEASE; Don E. Mathe who assumed the difficult task of Assigning Senior Editor two years ago and somehow finds the time to be an effective Councilor-at-Large plus edit the recently released *Compendium of Barley Diseases*; Albert O. Paulus who has done an excellent job in lining up interesting features for the past two years; and, finally, C. Wendell Horne, who has been responsible for handling editorials for more than a year. Wendell has been approved by Council to be the new Editor-in-Chief of PLANT DISEASE for a three-year term commencing 1 January 1983.

Starting in March 1982, PLANT DISEASE was published at three-week intervals, and the journal is currently being printed and distributed on schedule. Production of the journal on schedule is the result of very considerable efforts by the entire staff at the St. Paul office. The help received from Vera Baker, Lorraine Hannon, Elaine Carte, Patricia Heinlen, Miles Wimer, Mary Beth Anderson, Steve Nelson, Ray Tarleton, and the remainder of the staff is greatly appreciated. Their sincere dedication and attention to a multitude of details have been extremely important in the timely production of the journal.—*Malcolm C. Shurtleff*

**Report of the Phytopathology News Committee.** Volume 15 of *Phytopathology News* continued as part of PLANT DISEASE through the August 1981 issue. Thereafter it was published separately in order to realize certain economies. Volume 15 (1981) contained 128 pages, which included the annual report (pp. 11–29) and the write-ups of new Fellows and other awardees (pp. 30–34) in the February issue. Like volume 14, it carried no paid advertising except for the \$25 per column inch for placement notices.

The amount of material being submitted by members has diminished. The reason for this is unknown. About 25% was prepared by the editor or taken from the newsletters of 12 other biological societies. The amount of material that originated at headquarters increased. About 95% of the items from members was published though often reduced in length.

News was received regularly from about 10 departments of plant pathology, sporadically from 10 more, and rarely from others or from USDA institutions. The only feedback regarding content, quality, etc. were inquiries regarding the length of time from submission of items until they were published.

The News Committee has not been active as such for many years. Its dissolution was recommended by the Editor to the Council two years ago, but no action has been taken.—*H. Waterworth*

## REPORTS OF REPRESENTATIVES

**Report of the Representative to the Biological Stain Commission.** On 17 and 18 June 1982, 19 commission members, 10 industry representatives, and several guest speakers met at the Hunt Valley Inn, Baltimore, MD. A scientific session on Thursday morning, consisted of four papers on the Papanicolaou staining procedure for smears from the cervix and other tissues. The procedure consists of staining with Harris hematoxylin, counter staining with orange G, and then with a mixture of light green, Bismark brown, and Eosin Y. There was much discussion pertaining to what each of the dyes stains. Considerable variation in staining results occurs, but apparently diagnosis of cancerous cells is based on morphology and not on specific staining. The procedure apparently stains cells so darkly that some entities are obscured and some pathologists omit one or more of the stains. One pathologist is using the Giemsa staining procedure in lieu of Papanicolaou stain for lung tissue. I have always questioned the value of multiple stains for plants and have only used ones that stain structures of interest.

A problem of how to certify Basic fuchsin—a mixture of several homologs—is to be resolved by certifying Pararosanolin, CI 42500, and placing the name Basic fuchsin in parentheses after it. Stains so certified must contain at least 50% Pararosanolin and the remainder may be any one or more of its higher homologs (ie, Rosanolin, Magenta II, or New fuchsin). Also certified will be Basic fuchsin, CI 42510. It is to contain Rosanolin alone or at least 50% Rosanolin. Magenta II and/or New fuchsin may constitute the balance. The presence of some Pararosanolin will be allowed. Both of the above are satisfactory for acid fast, bacterial, PAS, and Feulgen staining; but only Pararosanolin is satisfactory for Aldehyde-Fuchsin staining.—*Henry Schneider*

**Report of the Representative to CAST.** The Council for Agricultural Science and Technology continued to be quite active in agricultural publications during 1981–82. Some of the more relevant Task Force Reports with activities this year are: 1) Introduction and Dissemination of Plant and Animal Pests (appointed by your APS representative to the Board of Directors); 2) Germplasm Preservation and Utilization for Agricultural Purposes; 3) The Resistance of Pests and Diseases to Control

Measures; 4) Acid Precipitation as it Affects Agriculture, Forestry, and Aquatic Biology; 5) Irradiation for Food Preservation and Pest Control; 6) Pesticide and Growth Regulator Residues in Imported Foods; 7) Integrated Pest Management.

The Education Committee of CAST is planning a quality publication to be sent to school teachers on a regular basis. This magazine will provide information on both plant and animal sciences as they relate to agriculture.

The Third Annual Congressional Breakfast of CAST in Washington was well received in February 1982. In attendance were 11 representatives, one senator, nine staff members of the Senate and House Agricultural Committee, and Congressman William C. Wampler of Virginia, ranking minority member of the House Agriculture Committee.

The 10th anniversary summer meeting of CAST was held at Ames, IA, in July 1982. Dr. Norman Borlaug, Nobel Laureate, was the speaker at the banquet.

Our society has continued to receive a significant value for the \$1,800 annual membership fee to CAST. The total cost for all publications in which APS has participated in is \$384,090, and our total contribution to CAST since has been \$8,850. The proportion of the total expenditure of CAST covered by APS payments is 0.55% of the CAST budget, yet we have made significant contributions to policy setting and paid publications over the years.—*Julian Whaley*

**Report of The United States Delegation to The Council of The International Society of Plant Pathology.** Members of the Delegation met on August 4, 1981, during the 73rd Annual Meeting of APS at New Orleans and on August 12, 1982, during the 74th Annual Meeting of APS at Salt Lake City. This report includes a summary of the discussion of these meetings as follows:

1) Reviewed the program of the Fourth International Congress of Plant Pathology to be held in Melbourne, Australia, August 17–24, 1983, and expressed appreciation that the suggestions of the Delegation for the program were positively received.

2) Dr. Arthur Kelman briefed the Delegation on nominations for new officers of the ISPP, noting that in all probability all of the offices, excepting that of the Immediate Past President held by Professor F. Grossmann, would be open and inviting the Delegation to submit nominations for these offices.

3) Discussed several issues of importance to the future of the ISPP communicated to the Delegation by Professor K. Verhoeff in the minutes of the March meeting of the Executive Committee of ISPP, including continuation of the ISPP Newsletter; continuation of individual membership; redefinition of committees and subcommittees and of affiliated working groups, noting that only committees and subcommittees will be eligible for financial support from the ISPP; question as to whether or not a third revised edition of the World Directory of Plant Pathologists should be prepared; and question as to whether or not it would be useful to have a critical review of the ISPP activities.

4) Discussed the role of the U.S. Delegation and recommended that the Delegation take a much more active leadership role in the affairs of the ISPP as the ISPP enters a period of major change.

5) Discussed the invitation from the Phytopathological Society of Japan to hold The Fifth International Congress of Plant Pathology in that country in 1988.

Four new members were named to the Delegation by Council at the midterm meeting in 1982. These are Drs. R. J. Cook, D. Smiley, K. J. Leonard, and R. E. Ford. During the Annual Meeting at Salt Lake City, Council approved the request of the Chairman of the Delegation to be relieved of his responsibilities and named Dr. R. J. Cook as Chairman of the Delegation beginning August 1982 and continuing until August 1988.—*James Tammen*

**Report of the Representative to the Executive Committee of the Intersociety Consortium for Plant Protection.** The ISCPC is a joint effort of four societies: The American Phytopathological Society, The Entomological Society of America, The Society of Nematologists, and the Weed Science Society of America. Its objectives include: 1) to foster interdisciplinary activities in research, teaching, and extension among the plant protection disciplines; 2) to provide sound scientific advice to organizations and agencies concerned with establishing policies, regulations, and improved methods for plant protection; and 3) to promote the development and use of integrated plant protection programs resulting in favorable economical, ecological, and sociological consequences. The ISCPC Executive Committee is composed of the Past President, President, and Vice-President of each Society with the chairmanship rotating annually among the societies.

The ISCPC continues to improve its visibility with the Executive Committee interacting as often as possible with senators, congressmen, and other influential politicians and federal agency leaders that relate to plant

protection. In the past, we have had contracts or agreements for plant protection related activities with ESCOP, APHIS, and EPA. Currently, such agreements continue with EPA, although some modifications were made to ensure that the ISCPP will continue to be recognized as an unbiased base for professional expertise (members of the parent societies) on matters relating to plant protection.

Highlights of this year's activities include: 1) meeting with Dr. H. C. Mussman, Administrator of APHIS, and R. P. Backus, Deputy Administrator for domestic programs—programs and funding were discussed; 2) meeting with Darwin Wright and Eleanor McCann of EPA—numerous projects and programs were discussed with emphasis on future plans; 3) meeting with Dr. C. G. Stall of SEA-USDA organization—activities relative to plant protection were reviewed; 4) meeting with Dr. George Allen—future national programming and funding for IPM from various agencies were discussed; 5) the constitution of ISCPP was changed to discontinue standing committees; and 6) a motion was unanimously passed to request support from the parent societies as follows: \$1,000 from APS, \$1,000 from ESA, \$1,000 from WSA, and \$500 from SON.

In accord with item 6 above, the requested funding has been approved by ESA and the APS representatives respectfully request such support from APS.—*W. N. Garrett*

## REPORTS OF STANDING COMMITTEES

### Society Internal Relations

**Report of the APS Archives Committee.** The committee has considered historical perspectives relative to the 75-year Diamond Jubilee meeting at Ames, IA, in 1983. We considered ways for departments to display their collections, searched for a photograph to go on name tags and on the printed announcements, continued to select photographs to hang in strategic places during the meeting, and searched for quotations to appear at the beginning of each symposium. The committee will again solicit a list of archival materials in possession of departments. Council approved removal of our APS collection of archive files (housed at APS headquarters in St. Paul) to CAST headquarters in the Iowa State University Library.—*Bill Kennedy*

**Report of the Awards and Honors Committee.** The Awards and Honors Committee met at the University of California, Berkeley, March 18–19, 1982, and recommended the following awards: five Fellows, one Ruth Allen, one Lee M. Hutchins, one CIBA-Geigy, and one Award of Distinction to be given at the 1983 Annual Meeting.

The following steps were taken to improve the operations of the Awards and Honors Committee: 1) Selected opinions from many "Fellows" requesting criticisms and suggestions for improving the program since it had not been reviewed for years. 2) Recommended that minutes of committee meetings be kept for future reference and to help continuity. 3) Agreed to compile and continually update a notebook of important information, history, minutes, etc., for future Committee members. 4) Decided to take a more active role in obtaining nominations as it was felt that many very eligible people were not being nominated.

The Committee recommended that the council again consider the restrictive nature of the Lee Hutchins award. The monetary award is much greater than the Ruth Allen. Also, the guideline that the total number of Fellows age 64 and under be held below 2% of the membership should be reviewed by the Council especially since it is not part of the Bylaws.

The number of persons on the nomination lists this year, including nominations from the two previous years, totaled 47. This is approximately the same as in previous years, and exemplifies why it is necessary for the Committee to take a more active role in expanding the nomination lists.—*M. N. Schroth*

**Report of the Committee on Committees.** The Committee on Committees is comprised of the three councilors-at-large, with the Senior Councilor-at-Large as Chairman. Its responsibilities are the appointment of new committee members, reviewing committee activities, and the orientation of new committee Chairmen and Vice-Chairmen.

There are currently 50 standing committees in APS, including 11 internal policies committees, 19 general policies committees, and 20 subject matter committees. At the 1981 annual meeting the Council authorized a change in status for the Committee on Private Practice from a special to a standing committee and approval of a special committee, Women in Plant Pathology; the latter was authorized as a standing committee midyear.

At the midyear meeting, the Council approved formation of a Book Committee to deal with publication of books not generated by official committees or activities of the Society but of importance to plant pathologists.

Approximately 534 different people are serving on APS committees. Over 200 nominees were considered for new appointments made for 1982–83. Nominations were solicited from all department chairmen, all

APS committee Chairmen and Vice-Chairmen, and representatives of the USDA and U.S. Forestry Service and from individual APS members via *Phytopathology News*. In addition, names submitted in 1980–81 but not appointed were considered.

Completed committee rosters were forwarded to APS headquarters and to the current (1981–82) and new (1982–83) Committee Chairmen in early July 1982.—*R. L. Millar*

**Report of the Headquarters Operations Committee.** This committee consists of the immediate past president, president, and treasurer of APS and AACC with the Chairman alternating between the past president of the two societies on an annual basis. W. Hoover of the AACC was chairman for 1982.

Because of conflicts, the headquarters representatives of each society met separately this year: APS on February 17 and AACC on March 15, 1982. Items on the agenda for these meetings included: 1) capital expenditures for calendar year 1982—needs; 2) salary schedule for May 1, 1982–April 30, 1983 from Stanton Associates; 3) review of headquarters work load over past four years; 4) personnel changes during last 12 months; 5) review of immediate/future programming needs; 6) review of OCR utilization and rate of payback; 7) current utilization of IBM system 34; 8) possibility of AACC/APS using new tax law to provide tax-sheltered income for employees; 9) discussion of pension plan performance; 10) possibility of establishing an incentive plan for key staff; and 11) performance review of the executive vice-president.

Highlights of these discussions include the following: AACC representatives approved the salary increases recommended by the Stanton Associates for headquarters personnel; however, although APS representatives concurred with the recommendation, due to financial difficulties, it was suggested that reductions must be made in headquarters personnel, or give lower salary increases. Tarleton reviewed the work load of headquarters personnel as compared with the volume in 1977 when Stanton Associates last surveyed our societies. A written report was distributed to all members of the committee. APS activities have increased significantly with the addition of PLANT DISEASE.

Computer usage by headquarters has increased significantly during the past 12 months and will continue during the coming year. The most significant change has been in the financial area since the general ledgers of the societies are now on computer.

Miles Wimer distributed a detailed report on the use of OCR in manuscript preparation. Headquarters was complimented for the effective use of this new equipment. During the year Wimer also met with the APS department heads to review opportunities for additional use of this equipment, which would assist headquarters and each plant pathology department.

All representatives of the Headquarters Operations Committee participated in the annual review of Ray Tarleton, our Executive Vice-President. A detailed form for personnel evaluation, similar to many used in industry and major universities, is used to provide this detailed evaluation. In general, it is concluded that the Executive Vice-President is serving both societies in a very effective manner.—*W. N. Garrett*

**Report of the Membership Committee.** A new membership brochure and application form was developed at headquarters. The brochure was mailed to potential new members as identified by the Membership Committee as follows: 1,250 to individuals in various departments and 150 to nonmembers and nonmember students that attended the 1981 Annual APS Meeting. Another mailing was made to some 1,100 nonmember subscribers to PLANT DISEASE. A letter was mailed to APS members soliciting names of potential new members to be contacted. Dr. Julia Mignucci-Heppely translated the membership brochure into Spanish for distribution in the Caribbean Division. An editorial entitled "Membership in APS—A Sign of Professionalism" was prepared and published in PLANT DISEASE.—*D. A. Slack*

**Report of the Necrology Committee.** According to headquarters records and division secretary reports, the following members died since the last report: C. W. Bennett, C. W. Blackmon, L. M. Blank, J. C. Carter, A. Ciccarone, R. A. Conover, F. Fisher, W. H. Fuchs, J. O. Gaskill, C. M. Gates, J. D. Gilpatrick, G. Godfrey, D. E. Gordon, D. Gottlieb, G. J. Green, H. Hunter, L. C. Knorr, E. L. Leclerg, J. A. Miller, P. V. Mook, C. M. Nagel, N. W. Nance, K. G. Parker, B. Perry, W. L., Smith, Jr., Stevenson, J. A., C. Yarwood, P. A. Young.—*Anne K. Vidaver*

**Report of the Nominating Committee.** Written nominations for vice-president and junior councilor-at-large were received by the Secretary, who forwarded them to the chairman of the Nominating Committee. A committee appointed by the chairman enumerated the nominations for each office and a summary was sent to the Nominating Committee for selection of two nominees for each office, according to procedures in Article

V, Section I of the Constitution, and the "Procedures for Nominating Officers" in the operations manual. Those selected were contacted to determine their willingness to serve, if elected.

Nominees for 1982 were Vice-President, J. L. Lockwood and C. Delp; Councilor-at-Large, A. Weinhold and T. P. Pirone.—*D. E. Mathre*

**Report of the Placement Committee.** The Placement Committee brochure, "You Choose Your Staff Wisely," was mailed to 60 academic and 1,076 government and corporate potential employers of plant pathologists. The response from the academic community was very positive; we have as yet no means of measuring the response from the other two sectors. The mailing list now on computer at the APS headquarters will simplify future mailings for publicity, survey or other purposes.

The Placement Service continues to be well used and highly praised. From July 1, 1981, to June 30, 1982, prospective employer listings (130) about equaled new candidate resumes (139). Compared to the previous year, this is the same number of positions and 30 fewer candidates.—*C. J. D'Arcy*

**Report of the Site Selection Committee.** The 75th annual meeting (Diamond Jubilee) of APS is scheduled for June 26–30, 1983, on the campus of Iowa State University, Ames, IA. The Mycological Society of America and the Society of Nematology will join with APS to celebrate our 75th anniversary. In 1984, we meet August 12–16 with the Canadian Phytopathological Society on the campus of the University of Guelph. The 1985 annual meeting will be in the Pacific Division, August 11–15, at the MGM Grand Hotel in Reno, NV. For 1986, Council has given tentative approval for a meeting with the Caribbean Division in San Juan, Puerto Rico. If costs are determined to be prohibitive, Council has approved Orlando, FL, as the alternative site for 1986.

A survey was made through *Phytopathology News* to determine the preferences of APS members for campus versus hotel meetings, whether we should attempt to meet more frequently in a central location within the contiguous 48 states and whether APS should plan to meet in Puerto Rico and/or Hawaii. Only 112 of the approximately 4,000 APS members responded to the survey questionnaire. Of these, the preference was for two hotel meetings for every campus meeting. There was no clear preference for meeting at a central location compared with more peripheral locations of the United States. Slightly more than 50% of the respondents were in favor of meeting in Puerto Rico, Hawaii, or both. Of the respondents favoring one or both of these sites, there was no clear preference for one location over the other.—*R. James Cook*

#### Society General Policies

**Report of the APS Book Committee.** The APS Book Committee, which was established by APS Council this year, had its first meeting on August 10, 1982, in Salt Lake City. Participants at the meeting discussed primarily the charge of the Book Committee and ways to best implement it.

The committee is expected to 1) respond to requests by authors who want their books published by APS and 2) propose new titles and find authors for books appropriate for publication by APS. The committee may itself serve as a review committee to decide on the quality and appropriateness of a proposed book and/or may send copies of the manuscript to other reviewers. When the committee considers a book to be appropriate for publication by APS, it will recommend the book to the APS Publications Coordinator who will then present the proposal to APS Council for final approval.

It was agreed that, during the year, the committee will prepare a publicity announcement making the committee's existence and charge known to prospective authors and a form for book proposal submission, to be sent to prospective authors on request, containing questions to be answered regarding the justification for publication of the proposed book; book size, illustrations, etc.; publication schedule; market potential, and royalty arrangements desired and/or available. During the first month of its existence, the committee received queries from five prospective authors regarding publication of their books by APS.—*G. N. Agrios*

**Report of the Committee on Collections and Germplasm.** The report of the first National Work Conference on Microbial Collections of Major Importance to Agriculture was published by APS in 1981. M. Obrien and L. Browder have prepared a permanent display visually documenting and focusing on the importance of plant germ plasm and microbial collections to agriculture and APS. This display will serve as an educational exhibit showing accession, documentation, and preservation procedures. This display is intended to be shown at national APS meetings. It will be modified to include new concepts, changes in methodology, and other pertinent information.

On August 9, 1982, in Salt Lake City, the committee agreed to sponsor

(preferably with the APS committees on Seed Pathology and Virology) a workshop for the June 1983 APS meeting. S. Dietz is the organizer of this workshop, which will deal with "Pathogens Carried with USDA Plant Introduction Propagated Material." Also at the 1983 APS meeting, the committee will sponsor a discussion session on "Problems of Microbial Collections." W. Dowler will be the organizer and moderator of this discussion session. The committee also considered sponsoring a symposium tentatively titled "Interrelationships of Collections of Plants and Collections of Pathogens" for the 1984 meeting in Canada.—*E. L. Civerolo*

**Report of the Extension Committee.** At the committee meeting on August 8, 1982, Barry Jacobsen reported on the status of the registry, noting that only nine people attended the session on it and that 12 people wrote asking for copies of the registry proposal. Jacobsen will ask APS members to express their interest in the registry. The Extension Committee expressed its favor for the concept of the Registry of Plant Pathologists independently developed under APS direction.

For the Diamond Jubilee meeting in Ames, IA, in 1983, incoming chairman Bob Mulrooney will develop the concept of a profile of an extension plant pathologist and make suggestions to the Program Planning Committee.

A subcommittee will investigate and develop suggestions for an annual award for outstanding extension pathology activities. A discussion of the need for and the functions of a federal extension pathologist was held. A position statement concerning the role of the federal extension pathologist was held. A position statement concerning the role of the federal extension pathologist will be drafted. The Extension Committee unanimously supports the federal extension position.

The need of and theory for nonchemical control recommendations to be published in a form similar to "Fungicide-Nematicide Reports" was addressed. The Extension Committee favors a disease control publication, and the intricacies of producing such a publication will be investigated.

The diagnosis subcommittee will remain intact and attempt to have materials on this subject ready for the 1983 meeting in Ames.

Pelletier (EPA, Washington) discussed new functions and current undertakings of the EPA.—*C. W. Avere*

**Report of the Committee on Illustrations of Plant Pathogens and Diseases, 1981–82.** The Plant Disease Profiles and syllabi on cedar-apple rust, wheat stem rust, and dwarf mistletoes have been completed. A set of 32 slides on Diseases of Forage Legumes (excluding virus diseases) with an accompanying syllabus has also been completed. The profiles and slide set are now available for sale.

A set of 69 slides and syllabus on Diseases of Corn has been completed and reviewed. It will be available for sale in the fall of 1982. Work was initiated on a slide set for Diseases of Soybeans. Compilations of additional slide sets are nearing completion.

Prices on slides were raised four cents per slide by Cornell University Photographic Services. APS will receive an additional one cent per slide, the other three cents going to cover increased costs.—*B. Cunfer*

**Report of the Industry Committee.** The Industry Committee sponsored a discussion on New Products and Services at Salt Lake City. Next year nematologists will be invited to participate. Presentations will be on new products and new uses of products and services that became available to the public between August 1982 and August 1983.

The Extension-Industry social held at a resort near Salt Lake City was attended by more than 200 people. Thirty-nine companies donated money to defray costs of the social.

The solvency of the Annual Reviews and PLANT DISEASE was discussed. Comments by members of the committee were relayed to the Publications Coordinator.—*J. H. Graham*

**Report of the International Cooperation Committee.** The International Cooperation Committee met on August 9, 1982, at Salt Lake City.

Activities of the committee since 1973 have included the following: proposed a *Thesaurus of Plant Disease Names* (completed); proposed a *World Directory of Plant Pathologists* (completed); proposed a slide set of the *World's Most Important Plant Diseases* (not done); helped develop slides of tropical plant diseases (completed); proposed supplying PHYTOPATHOLOGY and PLANT DISEASE to libraries in developing countries (several sets were sent); encouraged development of exhibits on diseases of worldwide potential for display at the annual meetings (not done, but plans are being made for an exhibit at the 1983 Diamond Jubilee meeting); sponsored various discussion sessions throughout the years; sponsored specialized workshops and teach-ins, such as the one on coffee rust at the Florida meetings in 1976; made plans to sponsor a symposium at the 1983 Diamond Jubilee meetings.

The proposed symposium was discussed in detail. The proposed title is "Challenges for APS in International Cooperation." The format will

include a 10-minute introduction by a committee member (Amador) followed by five speakers, each with 20 minutes. After this, each speaker will have 5–10 minutes to comment on other speeches. In a panel discussion, speakers will interact, and audience participation will be encouraged. The proposed program is as follows: 1) Introduction—10 minutes; 2) Global Programs—20 minutes; 3) The Endowed International Foundations as a Model—20 minutes; 4) The International Agricultural Center (Wageningen) as a Model—20 minutes; 5) Student Programs—20 minutes; 6) The Roles of the Universities—20 minutes; 7) Critique Session (five speakers)—50 minutes; 8) Panel Discussion—30 minutes.

A revision of the "World Directory of Plant Pathologists" was discussed. The original Directory was revised and published in a limited edition non-APS publication by its author Fran Fisher. Amador will check whether the Directory can be reprinted, and the Directory will also be evaluated for possible updating.

A Directory of Opportunities in International Cooperation was discussed, but this information is already being compiled by USDA, so no further action was taken.

A discussion was held on how APS could serve as a clearinghouse to announce the visits of prominent foreign scientists so that other institutions might also schedule them. No conclusion was reached as to how this could be made timely and practical.

The problem of providing good translations of APS publications was discussed. The committee felt that the main thrust should be to provide Spanish translations of key APS publications such as certain compendia. Good translations require long, arduous work by trained, bilingual plant pathologists. Because of the amount of work required, the translator should receive prominent credit in the publication and/or be adequately paid. The International Cooperation Committee wishes to be given the responsibility to see that the translations are properly done; this includes assignment of the translation to an appropriate person and a review of the quality of the translation. The committee agreed to develop a display for the 1983 Diamond Jubilee.

On Thursday, Art Lamey met with the APS Council and proposed the idea. It was accepted by Council that the committee will encourage people with the proper knowledge of English and the expertise in the particular area of the publication to be translated to develop a translation in the Spanish language. Because this person will not be paid by APS, the Council will encourage that the person be properly credited in the front of the publication and that notices be sent to the respective institution indicating the importance of the work being performed. If volunteers cannot be found, then the possibility of payment will be investigated. Council passed a motion that the International Cooperation Committee, cooperating with the Caribbean Division, be assigned the responsibility for translating certain APS publications, particularly the series of compendia, into the Spanish language.—*H. A. Lamey*

**Report of the New Fungicide and Nematicide Data Committee.** In March 1982, 1,700 copies of Volume 37 of "Fungicide and Nematicide Tests" were published at a cost of \$4,885.40. Additional costs of secretarial service, postage, supplies, and other miscellaneous items brought the total to \$13,627.23. Volume 37 contained 404 reports and 238 pages. According to business manager Dick Stuckey, the publication is financially sound with a cash balance of \$19,915.01 as of June 30, 1982.

Bill Nesmith, editor for the last three years, has resigned as editor upon the completion of Volume 38 in April 1983, and Jack Altman of Colorado State University will take over the editor's duties.

A subcommittee chaired by Ken Hickey is working on a revision of the book "Methods for Evaluating Plant Fungicides, Nematicides and Bacteriocides." A tentative table of contents has been developed and authors should be sought by next spring.

The editorial staff of "F & N Tests," through Editor Bill Nesmith, has been preparing a monthly column for *PLANT DISEASE* on new developments in chemical disease control. Columns have been submitted monthly since last March, and the committee agreed to continue submission of these reports for another year but is concerned about the timeliness of their publication.—*Randall C. Rowe*

**Report of the Phytopathological Classics Committee.** In 1981–82, the Phytopathological Classics Committee continued to prepare Classic #14, consisting of articles by (and brief biographies of) T. Fukushi and H. H. Storey, about vectors of virus diseases. At its meeting on August 8, 1982, the Committee approved, in principle, subject to completion of texts and subject to adequate funding, several proposals for potential classics listed in its 1981 report. It approved the text of an insert for classics, cautioning readers about consulting original texts of publications translated. It approved continued fund-raising for the Dutch Elm Disease Classic. It approved updating of a tape-and-slide set to advertise Phytopathological Classics.—*Francis W. Holmes*

**Report of the Committee on Phytopathological Monographs and Reviews.** Discussions at the August 2, 1981, meeting in New Orleans were essentially similar to those of the 1980 meeting and centered around revisions of Monographs No. 3, "Stalk rot of corn," and No. 6, "Fusarium wilt of tomato." R. D. Wilcoxson was willing to revise No. 3 but no proposal was presented to the committee by Wilcoxson. There is a possibility that No. 6 could be revised. J. C. Walker has been consulted but he cannot revise it. C. H. Beckman expressed interest in making the revision.

The committee reviewed a proposal from R. J. Stipes and Martha K. Roane to prepare a monograph on *Endothia*. The committee recommended that this monograph be published by APS. A proposal to approve funding for publication of the monograph by APS was submitted to the Publications Coordinator, for approval and presentation to the APS Council.

Kommedahl visited the committee and discussed the Council's attitude toward monographs. Primary problems center around publication of profitable and useful monographs. Only those with broad appeal would be publishable. This is especially so while *PLANT DISEASE* remains a financial problem for APS.

The committee agreed to continue negotiating with authors for Monographs 3 and 6 and with Stipes and Roane concerning an *Endothia* monograph.

A list of possible monographs was compiled and authors for some were suggested.

When the committee met on August 8, 1982, the status of Monographs 3 and 6, "Stalk rots of corn" and "Fusarium wilt of tomato," was discussed. Council has approved revision of Monograph 6 by C. H. Beckman. Negotiations with R. D. Wilcoxson for revision of Monograph 3 are under way; the committee approved the revision, but a proposal has not yet been presented to Council.

The proposal by R. J. Stipes and M. K. Roane for a monograph on *Endothia* was discussed. Council had tabled the proposal; the committee agreed to urge its approval.

The philosophy of monographs as "modern classics" was introduced and discussed at length. A monograph was defined as a comprehensive, scholarly treatment of a single topic. By their nature, monographs appeal to small audiences. This historical value of monographs has not been exploited. It was concluded that a discussion of functions of the committee and of the philosophy and practicality of monographs is needed with the Publications Committee and the Council.

A form proposing new monographs was discussed and approved. Procedures for presenting proposals should be published in the next directory-handbook of the Society.

As of July 28, 1982, the inventory of monographs on hand at St. Paul was reported by Director of Publications S. Nelson, as follows: No. 1, 0; no. 2, 668; no. 3, 95; no. 4, 931; no. 5, 944; no. 6, 37; no. 7, 1486; no. 8, 236; no. 9, 52; no. 10, 359.—*C. W. Roane*

**Report of the Private Practice Committee.** The committee continued to review the idea of certifying plant pathologists. It will work out guidelines that are acceptable to the consultants in private practice, as well as those connected with institutions. The committee requested that papers be submitted from all consultants to support the column in *PLANT DISEASE* entitled "Consultants' Corner."—*J. E. Wheeler*

**Report of the Public Responsibilities Committee.** The committee did not receive any items for consideration from the Council during 1981–82. When the committee met on August 3, 1981, a subcommittee was designated to organize a discussion session on a salient topic for the 1982 annual meeting in Salt Lake City; this subcommittee structured a discussion session centered on "Factors Impinging Upon Research in the Public and Private Sectors."—*D. F. Bateman*

**Report of the Regulatory Work and Foreign Plant Diseases Committee.** A discussion session entitled "Potential Disease Problems for U.S. Agriculture," was developed for the 75th anniversary meeting. It is hoped that this session will bring together the concerns of regulatory and research plant pathologists and will stimulate the research on which to base realistic regulatory actions.

A committee goal is to obtain lists of plant diseases that are a potential threat to American agriculture. Information available on the epidemiology, distribution, and recognition of the disease and pathogen will then be made available to regulatory officials and agriculturalists. It is hoped that an educational effort can assist in preventing pathogen importation and assist in early detection. Currently, much information is available but not exchanged between regulatory, research, education, and extension personnel. It is also necessary to continue to ask for an update on the Agriculture Handbook #165, "Index of Plant Diseases in the United States."—*Alan P. Roelfs*

**Report of the Committee on Standardization of Common Names of Plant Disease.** Of 40 lists being collated, 21 have been completed, 10 are awaiting publication in *PHYTOPATHOLOGY NEWS*, and nine are incomplete. No lists were finished by any collators in 1982. Final contacts of collators will be made immediately concerning unfinished lists to determine the status of completion. Collators who have not made progress will be replaced. Final preparations for the completed lists will be made over the next year so that publication can commence in 1984. Current plans are to computerize all lists at APS headquarters and sell individual lists as loose-leaf publications. This computerized system is advantageous over a hardbound publication since it allows lists to be purchased separately or as a set, makes updating and additions more efficient, and allows new lists to be made available as they are completed. Lastly, several new crops were selected (avocados, almonds, sunflower, walnuts, hops, and pecans) for lists, and collators will be selected over the next year.—*Brad Castanho*

**Report of the Teaching Committee.** During the 1982 APS annual meeting, the committee sponsored a slide salon featuring slides illustrating equipment used in the control of plant diseases. Duplicate slide sets were made available to APS members by order from the Instructional Resources Center at the University of Georgia.

Teach-ins, which were cosponsored, were "Methods of Pesticide Application for Disease Management" with the Chemical Control and Extension committees, "Crop Loss Assessment" with the Disease Loss Committee, and "Teaching of Genetics in Plant Pathology Graduate Programs" with the Genetics Committee.

Plans were developed for participation in the 1983 Diamond Jubilee Program. The main efforts will involve a teaching improvement workshop held after the annual meeting and featuring an invited speaker. Further plans were discussed involving the committee's participation in the main program in a discussion session, "The Transition from Integrated Pest Management to Integrated Crop Management in Teaching, Research, and Extension Including Industry and Private Practice." Other concerns for the coming year will be to compile a list of schools teaching plant pathology courses as well as the outlines, etc., used in instruction.—*R. W. Roncadori*

**Report of the Women in Plant Pathology Committee.** At a well-attended (approximately 40 persons) meeting of the Women in Plant Pathology Committee August 9, 1982, functions and future direction in the committee were discussed. The consensus was to sponsor, with the Placement Committee, a symposium on Plant Pathology as a Career. Topics could include "How to get a job," "How to keep a job," and "APS—how and why to get involved."

It was agreed that this committee should follow the lead of similar groups in other professional societies in obtaining and relating information on salaries, subcategorized by sex and length of tenure in the profession. We shall request a booth in the exhibits hall at the Iowa State meetings to develop a "living graph" on which attendees can voluntarily and confidentially provide personal salary data.

We will sponsor a get-acquainted social at the next annual meeting. The committee chairperson agreed to try to arrange for roommates to help defray housing expenses for women who plan to attend the next APS annual meeting.—*Penelope Hanchey*

### Subject Matter

**Report of the Bacteriology Committee.** At the 1982 annual meeting, the Bacteriology Committee sponsored three discussion sessions and cosponsored a symposium and a workshop. A total of 51 contributed papers were presented in two bacterial diseases, one bacterial genetics, and one spiroplasmas and MLOs paper sessions. In addition, 43 titles concerned with bacteriology were presented in other sessions.

H. S. Aldwinckle organized the discussion session on "Techniques for Evaluating Plants for Resistance to Phytopathogenic Prokaryotes," A. W. Saettler organized the discussion session on "Bacterial Pathogens as Epiphytes," and R. N. Goodman organized a discussion session on "Bacterial Movement in Plant Tissue." All three discussion sessions were well attended by more than 100 attendees at each. Further, with the APS Virology and Seed Pathology committees, the Bacteriology Committee cosponsored the symposium "Immunochemistry in Plant Pathology" organized by L. C. Lane and the workshop, "Serological Detection of Viruses and Bacteria in Seeds," organized by R. I. Hamilton.

The Bacteriology Committee met on 8 August 1982. R. S. Dickey reported nine topic areas pertaining to phytobacteriology suggested by his subcommittee for the 1983 Fourth Plant Pathology Congress in Melbourne, Australia. M. N. Schroth reported that the M. P. Starr Collection of Phytopathogenic Bacteria will not be moved to the University of California, Berkeley, since certain funds, space, personnel, and equipment requested by the curator are presently unavailable. A. K.

Vidaver reported that the Sixth International Conference on Plant Pathogenic Bacteria will be in Beltsville, MD, in 1985. An ad-hoc subcommittee was formed to determine how best to petition industry to put more emphasis on development of bacteriocides. Discussions were initiated by A. K. Chatterjee and N. W. Schaad, respectively, to determine if national collections of mutants of and antisera for phytopathogenic bacteria ought and could be established. D. C. Sands called for sharing syllabi for courses dealing with phytopathogenic prokaryotes and/or the diseases they cause. T. Burr was nominated and elected by acclamation as Vice-Chairperson Elect for 1984-85.—*G. H. Lacy*

**Report of the Biological Control Committee.** The committee and the Soil Microbiology and Root Diseases Committee cosponsored a symposium on the nature of soils suppressive to soilborne plant diseases at the 1981 annual meeting. In addition, three contributed paper sessions were sponsored by the Biological Control Committee.

During the 1981 annual meeting, the committee proposed two discussion sessions for the 1982 meeting. One session on "Strategies for Selection and Genetic Manipulation of Biocontrol Agents" was organized by J. A. Lewis and R. D. Lumsden (cosponsored with the Soil Microbiology and Root Diseases Committee). The other session on "Commercialization of Biocontrol Agents" was organized by C. E. Windels. Both discussion sessions were a successful part of the 1982 annual meeting in Salt Lake City. In addition, two contributed paper sessions were sponsored by the committee.

Three discussion sessions are planned for 1983. One of these proposed sessions is planned jointly with the Ornamentals and Turf Diseases Committee. The other two proposed sessions cover recent advances in biological control in the soils area and the weeds area. During the committee meeting in Salt Lake City, it was announced that H. W. Spurr, Jr., is assembling two slide series, one on biological control of plant diseases and the other on biological control of weeds with plant pathogens. Spurr requested that interested APS members contact him or C. G. VanDyke. D. S. Kenney was elected proposed Vice-Chairman for 1983-84.—*H. A. J. Hoitink*

**Report of the Chemical Control Committee.** A two-page statement regarding the registration of fungicide usage to avoid resistant strain development was prepared by the committee and was approved by APS Council in February 1982. At the 1982 APS Annual Meeting it was decided that this document should be submitted for publication in *PLANT DISEASE* and sent to the EPA.

The committee organized and cosponsored, with the Extension and Teaching committees, a teach-in at the 1982 annual meeting entitled "Methods of pesticide application for disease management." As a result of the interest and discussion generated by the teach-in session, the Chemical Control Committee formed an ad-hoc committee to address the problem of dosage recommendations for fungicides. The ad-hoc committee, chaired by M. A. Ellis, is to be composed of several members of the Chemical Control Committee and representatives from the Industry, Extension, and New Fungicide-Nematicide Data committees.

The Chemical Control Committee is organizing and sponsoring a 1983 annual meeting symposium session entitled "Trends in the development of new fungicides and nematicides." Included topics will be new fungicide groups and their modes of action; strategies for delaying fungicide resistance; the role of sterol-inhibiting fungicides in integrated pest management; and future chemical control methods for plant parasitic nematodes.—*K. S. Yoder*

**Report of the Disease and Pathogen Physiology Committee.** In cooperation with the Program Committee, plans were made to sponsor the following symposia at the 1983 Diamond Jubilee National Meeting: Recognition and Specificity in Plant Disease, to be chaired by N. T. Keen; Plant Protoplasts and Cell Cultures as Physiological Tools and for Modification of Germplasm, to be chaired by F. Hammerschlag; Molecular Basis for Plant Disease Resistance and Susceptibility, to be chaired by L. D. Moore.

In addition, a symposium has been requested for the 1984 national meeting on "Genetic Basis for Studies of Biochemical Mechanisms of Disease." This will be cosponsored by the Genetics Committee and will be organized by W. R. Bushnell and J. Groth.

In Salt Lake City, the committee took the following actions: 1) Concurred that it should sponsor poster sessions at future national meetings. 2) Decided not to include the word "Biochemistry" in the committee's name. 3) Tentatively decided to sponsor a discussion session on "Plant Cell Surfaces" at the 1984 or 1985 national meeting and a teach-in at the 1985 national meeting. 4) Elected Anne Anderson as Vice-Chairman for 1983-84.—*W. R. Bushnell*

**Report of the Epidemiology Committee.** The Epidemiology Committee cosponsored a symposium on the Estimated Yield Reduction of Major

Food Crops of the World with the Plant Disease Losses and Plant Disease Detection committees at the 1982 meeting in Salt Lake City. L. Madden represented the Epidemiology Committee in planning and coordinating the symposium.

Lee Campbell reported on an international workshop on Plant Disease Epidemiology on June 21–24, 1983, at North Carolina State University. Plans for the workshop will be coordinated with the plans of the Epidemiology Committee for the APS Diamond Jubilee meeting in 1983.

P. Teng was appointed to determine how the Epidemiology Committee might participate in a national conference on Computers in Extension in February 1983.

For the Diamond Jubilee in 1983, symposium topics and tentative speakers were determined and coordinated with Plant Disease Losses, Integrated Pest Management, and Plant Disease Detection committees. The Diamond Jubilee subcommittee of the Epidemiology Committee consists of R. Line, S. Thomson, L. Madden, P. Teng, and M. Lacy. Three symposia and a workshop were planned for 1983.

Plans for future meetings were discussed and included forecasting diseases, 1984; host and pest model interactions, 1985; potential uses and development of plant resistance, 1986.—*S. V. Thomson*

**Report of the Forest Pathology Committee.** When the Forest Pathology Committee met on August 2, 1981, the primary discussion involved plans for the 1982 annual meeting. The committee expressed interest in conducting a one-day field trip before the Salt Lake City meeting. A discussion session dealing with "Impact Assessment," as well as paper sessions, were planned for the 1982 meeting. In addition, forest pathologists were encouraged to participate in poster sessions. During 1981 and early 1982, considerable effort was made to incorporate forest pathology subject matter into the 1983 Diamond Jubilee meeting in Ames.

The committee met during the 1982 annual APS meeting in Salt Lake City. The field trip held before the meeting was a success and should be continued in future years. The discussion session, paper presentations, and posters related to forest pathology were well received. The primary topic of discussion at the 1982 committee meeting was how to incorporate forest pathology speakers into the 1983 Diamond Jubilee meeting; a list of speakers and topics was formulated and forwarded to Jim Cook. A second major topic of discussion involved a suggestion to publish a compendium on pine diseases. The chairman agreed to pursue the feasibility and need for such a publication.—*D. D. Davis*

**Report of the Genetics Committee.** At the 1982 annual meeting, the committee's time was used in discussing and developing symposia for the 1983 Diamond Jubilee session, where it was felt that there was not sufficient involvement of the Genetics Committee. A symposium on Plant Disease Control Strategies using Recombinant DNA Technologies was approved and will be arranged by C. I. Kado. The request by the Physiology Committee to cosponsor this symposium was approved.

The committee approved two additional symposia: one on pathogen virulence, with speakers covering fungi, bacteria, viruses, and nematodes, and another on disease resistance with emphasis on tropical agriculture, to be organized by Dick Frederiksen.

One symposium was approved to be submitted to Council for 1984 to be cosponsored with the Physiology Committee. The title is Genetic Basis for Studies of Biochemical Mechanisms of Disease, to be organized by Bill Bushnell and Jim Groth. Input from Canadian scientists in this symposium was strongly encouraged, since the meetings will be jointly sponsored by APS and CPS.

Election of vice-chairman for the committee in 1984–85 was deferred until next year. In the interest of allowing more people to serve on the committee by reducing the length of tenure of individuals chosen to chair the committee, it was thought that the convenience of advanced publication of the vice-chairman elect could be sacrificed. A majority of the committee members present agreed to this.

The problem of disease resistance terminology in cultivar descriptions was raised and discussed. No action was taken at this time.—*J. V. Groth*

**Report of the IPM Committee.** At the 1982 APS meeting, the IPM Committee sponsored a discussion session entitled "Scouting Techniques for IPM Programs" and cosponsored with the Tropical Plant Pathology Committee and the Nematology Committee a discussion session entitled "Plant Pathology in Title XII Activities."—*Blanche C. Haning*

**Report of the Mycology Committee.** The committee met during the APS meeting at Salt Lake City. The 1983 symposium on "Taxonomy and nomenclature of fungi," to be cosponsored with the Mycological Society of America, was discussed. R. Hanlin is organizing the symposium but was unable to attend this meeting. We will contact him after the meetings with our suggestions.

Because this symposium is a nomenclatural bridge between the two

societies, it would be desirable to publish the symposium topics with discussion (perhaps in abbreviated form) in PHYTOPATHOLOGY or PLANT DISEASE. It was the consensus of the committee that further joint meetings with MSA are desired and beneficial.

Muriel Obrien informed the committee that she will be working on a revision of AH165—"Index of Plant Diseases in the United States."

The committee recommended that Amy Rossman and Martha Roane be placed on the Mycology Committee for 1983–84 and that Amy Rossman become Vice-Chairman at that time.—*K. E. Conway*

**Report of the Committee on Mycorrhizae.** The Committee on Mycorrhizae took pride in the completion of two major publications: "Methods and Principles of Mycorrhizal Research," edited by Norm Schenck, and the symposium "Aspects of VA mycorrhizae in plant disease research" (Phytopathology 72:1107–1132), edited by Stan Nemecek. The committee also sponsored a discussion session: "Future Directions and Priorities in Mycorrhizal Research," at the 1982 annual meeting. Planning for development of a Phytopathological Classic on mycorrhizae and for a centralized culture collection of VA fungi was continued. In addition, the committee, in conjunction with the Illustrations of Pathogens and Diseases Committee, initiated development of a slide set on mycorrhizae.—*L. H. Rhodes*

**Report of the Committee on Ornamental and Turf Diseases.** In 1982, the committee sponsored two discussion sessions: Economic and Aesthetic Damage to Ornamental plants, and Turfgrass Diseases. The general session on turfgrass disease allowed researchers to present some new findings in the turfgrass pathology area. The committee also cosponsored a session with the Chemical Control Committee, entitled "The Potential for Fungicide Resistance Problems in Management of Turfgrass and Ornamental Diseases." All three sessions were well attended and the information presented was very pertinent. The committee sponsored an extension bulletin display, which was well received. G. Worf did a fine job contacting participants and setting up the display.

The committee discussed the fact that turfgrass had basically been left out of the Diamond Jubilee Program at Ames, IA. After meeting with the planning committee for the Diamond Jubilee, it was agreed that turf would have discussion session on disease modeling at the meeting. The committee and the Biological Control Committee will also cosponsor a symposium on biological control of ornamental plant diseases.

The committee is also exploring the possibility of developing a newsletter that would contain the latest findings in the area of turf and ornamental diseases. The letter is expected to be published quarterly.—*J. M. Vargas, Jr.*

**Report of the Committee on Plant Disease Losses.** The Plant Disease Losses Committee met on August 3, 1981, during the annual meeting in New Orleans. Although only four members were present, the committee proposed, outlined, and received approval to sponsor both a teach-in session and a symposium at the 1982 meeting. The teach-in, assessing crop losses due to diseases of forest and deciduous fruit trees and diseases of field and vegetable crops, was organized by J. M. Ogawa and cosponsored by the Teaching Committee.

The symposium conducted during the meeting in Salt Lake City was titled, "Estimating Yield Reduction of Major Food Crops of the World." This session was cosponsored with the Epidemiology and Plant Disease Detection Committees and finalized by L. V. Madden (Epidemiology Committee) and S. P. Pennypacker.

S. H. Smith, Chairman of the Diamond Jubilee Program Organizing Committee, outlined our role and responsibility for planning a symposium on "Losses from Plant Disease." This is to be one of 22 symposia organized for the 75th annual meeting. Our committee is currently compiling a list of topics and speakers for this half-day session.—*S. Pennypacker*

**Report of the Plant Virology Committee.** The committee held its annual meetings on August 2, 1981, in New Orleans and August 8, 1982, in Salt Lake City.

R. Lee presented a report on the importance of seedborne viruses written mainly by R. Hampton in 1981. The committee was informed in 1982 that the original report has been rewritten and submitted for publication in PLANT DISEASE.

It was reported that the seed bank has seed of many different and exotic plants available for distribution (H. Waterworth, 1981). No report was available for 1982.

The ATCC plant virus and antiserum collection subcommittee indicated that the ATCC catalog of strains II is available free on request. In 1982 they reported on the availability of monoclonal antibodies against tobacco streak virus, prunus necrotic ringspot virus, apple mosaic virus, alfalfa mosaic virus, and barley yellow dwarf virus.

The report from the plant virus disease information subcommittee (O. W. Barnett and S. A. Tolin) indicates that there are 42 copies of the slide set on

grapevine virus and viruslike diseases left (sold 201). The new slide set and text produced on potato virus and viruslike disease sold 86 (\$40/copy), and 414 are currently left. The set on soybean virus diseases by J. W. Demski, C. W. Kuhn, and R. M. Goodman will appear in 1984. Our appreciation should be directed to Clemson University for its willingness to produce these sets. The subcommittee involved in the production of these sets was streamlined in 1982 to concentrate editorial responsibility at Clemson University, with the committee acting in an advisory capacity to the editor.

In 1982 we witnessed the birth of the American Society for Virology. This rather momentous event presents an extremely important challenge to the APS. Although it may provide plant virologists with a choice similar to that faced by nematologists in the late 50s the two societies should make efforts to complement each other rather than cause a split. In that spirit, the committee had already asked R. M. Goodman to be its representative at the Cornell meetings of the ASV. Milton Zaitlin sits on the governing council of the ASV. Attempts have been and will be made to coordinate the activities of the ASV and APS.

One of the areas needing improvement is the area of program organization within and among sessions. Input in the final arrangement of sessions and their contents was thought to be of great importance for the virology part of the APS meeting. All too often it was felt virology sessions are a hodgepodge of papers lumped together lacking coherence of goals.—*L. Lane*

**Report of the Pollution Effects on Plants Committee.** The committee met August 9, 1982, in Salt Lake City.

During 1981 and 1982, the committee devoted a great deal of attention to involvement in the 75th annual meeting. Although we had proposed interacting in four separate symposia, it became obvious that, due to program considerations, this would not be possible. The committee proposed that topics concerning environmental quality and ecosystems and air pollution impacts on crop loss be included in the opening session. The second topic was eliminated in favor of organizing a symposium on environmental stress and plant health. In addition, we decided to solicit poster presentations for the meeting next year and to present a committee display emphasizing the importance of air pollutants and illustrating several aspects of our research.

The committee also discussed the advantages of changing its name to more accurately represent the concerns of environmental stress, abiotic disease, and plant health. In addition, we decided it may be possible to attract scientists from related fields to our Society by taking the lead in the field of environmental stress as related to plant health.

During the 1982 meeting, the committee sponsored a paper session that included 10 papers covering many topics of concern.—*J. A. Laurence*

**Report of the Postharvest Pathology and Mycotoxicology Committee.** The 1981 committee meeting was held at the annual meeting in New Orleans, LA. A letter was to be sent to all members soliciting input for possible symposia programs at the Diamond Jubilee meeting. An update of the Fourth International Congress of Plant Pathology program to be held in Melbourne, Australia, was held. Input was solicited for postharvest pathology; there will be a mycotoxin workshop following the congress as mycotoxicology was unable to have an input in the program.

At the 1982 meeting in Salt Lake City, Gary Payne was elected as Vice-Chairman for 1984 to serve as Chairman 1985. George Bean, who represents the committee in the ISPP, reported that C. Mirocha represented APS at the IUPAC Mycotoxicology Congress in August 1982. A copy of a "World Directory of Mycotoxicologists" compiled by W. Marasas and G. Bean was available for examination and will be published in time for the 1983 Congress in Melbourne.

For the Diamond Jubilee meeting, the committee decided to submit a format for a symposium on mycotoxins and, where possible, work postharvest pathology into other symposia. Concern was voiced over the failure of postharvest pathology to gain a more prominent place in the 1983 meeting. Three symposia will be devoted to postharvest pathology at the Fourth International Congress of Plant Pathology.—*H. E. Moline*

**Report of the Seed Pathology Committee.** At the meeting on August 8, 1982, ideas for sponsorship of a symposium for the 1983 annual meeting were discussed. The following list evolved.

The overall topic is the threat of seedborne diseases to a stable food supply. Possible talks include "Approaches to studying the disease epidemiology to establish the significance of the seedborne phase" by R. G. Grogan; "Future trends in detection methodology for seedborne pathogens:" a. "Fungi" by J. Sheppard (Canada), b. "Bacteria" by M. Sasser, c. "Viruses" by R. Hampton; "The correlation between test results and disease development when seed is planted" by C. Anselme, P. Hewett, or G. Harman; "Problems encountered in the seed industry" by M. Turner or H. Humaydan.

The list was submitted to the Annual Meeting Planning Committee. A

discussion on conducting a seed pathology workshop before the Ames meeting ensued. Benefits for other workshops, which could be set up to teach techniques to various groups, were considered. Due to meeting commitments of various participants, it will not be possible to set up the workshop for Ames in 1983. A subcommittee of John Hill, Norm Schaad, Denis McGee, John Watterson, and Mike Turner will consider the possibilities for such needs as a continuing series over future years.

Denis McGee will look into slides for a seed pathology slide collection that can be submitted to the Committee on Illustrations of Plant Pathogens and Diseases.

Ta-Li Kuan reported on the upcoming meeting of the ISPP in Melbourne, Australia.

Another ISPP meeting was held October 11–16 in Copenhagen on the occasion of Dr. Neergaard's retirement. Ta-Li Kuan asked for input for a talk she will deliver on high-quality seed production. Dick Hamilton also plans to give a talk.

Ta-Li Kuan was unanimously selected as the next Vice-Chairman to become Chairman following Dick Gabrielson.

Dick Gabrielson is leading a task force on a study for CAST on "Introduction and Dissemination of Plant Pests in Plants and Animals" and would appreciate input.—*Mike Turner*

**Report of the Tropical Plant Pathology Committee.** During a major symposium on coffee rust at Salt Lake City, coffee rust workers from Africa, Europe, and the Americas conducted an in-depth review of the disease. We are indebted to USAID and APS for cosponsoring this symposium and to Robert Fulton and Larry Littlefield for editing the proceedings. We also held a discussion session on USAID Title XII activities in plant pathology; this session was well attended.

We discussed preparation for joint symposia in 1983 with both the Genetics and International Cooperation committees. After sessions with both, we agreed to cosponsor a symposium on host plant resistance from a tropical and temperate crop perspective. Several discussion sessions were reviewed as topics for 1984, particularly in view of the major disease problems developing in the tropics.—*Richard A. Frederiksen*

## REPORTS OF SPECIAL COMMITTEES

**Report of the Long-Range Planning Committee.** On February 17, 1982, the Long-Range Planning Committee (LRPC) completed its assigned task to produce a long-range plan for APS. An interim report (PLANT DISEASE, 65: 856) describes the history and process of formulating this plan. Critical review of the preliminary key issues and scenarios resulted in some revisions.

This long-range plan is based on eight key issues and contains the LRPC-recommended scenarios, strategies, and actions. The plan was published in PLANT DISEASE (66:535) for critical review by APS members and possible implementation. Members are encouraged to discuss these issues with each other and to share their views with members of Council (including division councilors). There was an opportunity to do this in a "rap" session at the annual meeting in Salt Lake City this August.

At the conclusion of the annual meeting, the LRPC was disbanded.—*C. J. Delp*

**Report of the Long-Range Planning Committee for Science.** The Long-Range Planning Committee for Science conducted business by mail and then met during the 1982 annual meeting in Salt Lake City. It was agreed that there is a need for such a committee but that a definite statement of purpose and goals needs to be established. This is to be done with a final report to be presented to APS Council at the 1983 midyear meeting.—*D. E. Mathre*

## REPORTS OF DIVISION COUNCILORS

**Report of the APS-Caribbean Division Councilor.** The APS-CD met July 12–17, 1982, in Cali, Colombia, with the Colombian Society of Plant Pathologists at the International Center for Tropical Agriculture. Scientists from Colombia, Venezuela, Panama, Costa Rica, United States, Brazil, Republica Dominicana, El Salvador, Ecuador, Peru, Guatemala, and Puerto Rico were present. The meeting agenda included 103 technical papers, four special lectures, a forum on the etiology, epidemiology, and control of Sigatoka, a field trip to the sugarcane museum, and a visit to the experimental fields of the Instituto Colombiano Agropecuario. Field work at the ICA Palmira substation included experiments on corn, sugarcane, cacao, and citrus. CIAT's research programs were presented on visits to their laboratory facilities and field plots and by a slide show.

At the business meeting concern was expressed over the decreased attendance of members at the Division meetings. Precipitating factors may include inflation, institutional budget constraints, and a decline in

permanent members of the Division. There is an urgent need to enlist new members and encourage continuous participation of current members. Along with the preceding, there is great opportunity to increase Division meeting participation by increasing communication. To achieve this, the Vice-President will prepare a newsletter and the President will appoint a representative from each country member to serve as liaison between members and officers of the Division and to promote membership. Past Presidents of the Division will be the first choice as representatives.

Division funds will be transferred from Puerto Rico to Panama to help expedite next Division meetings and to relieve J. A. B. Nolla and J. H. López of the task that they have undertaken for many years with great effort and diligence. The revision of the Constitution of the Division is pending feedback from members. The meeting site for 1983 will be Panama. Costa Rica has been suggested for 1984. Site selection for 1984 also depends on the reaction of the Southern Division to meet with us that year and their site preference.

Officers of the Caribbean Division for 1983 are: President Melquiades Rojas, Vice-President Manuel Jiménez, Secretary-Treasurer Guillermo Galvez, Councilor Julia S. Mignucci.—*Julia Mignucci*

**Report of the Northeastern Division Councilor.** The Northeastern Division of APS held its annual meeting November 4–6, 1981, hosted jointly by the universities of New Hampshire and Vermont at Swan Lake, NY. Approximately 250 were in attendance. The program included meetings of department heads and extension plant pathologists, a special industry discussion on what's new, a plant clinician's workshop, and discussion sessions on "Nematode Diagnostic Services" and "Changing Cultural Practices and Their Effects on Plant Disease Control." Ninety contributed abstracts were presented in concurrent sessions.

The best student paper award in a field of 14 was won by Ellen Lawrence of Pennsylvania State University for a paper entitled "Genetics of sex in *Fusarium lateritium*," coauthored by her thesis advisor Paul Nelson. Spencer Davis, Professor Emeritus at Rutgers University and past NE Division President, was honored with the Division Award of Merit.

The business session was chaired by President Felix Lukesic and was addressed by APS President J. Artie Browning. The Division voted to support the expenses of its elected Councilor to the 1982 midseason meeting on a one-year trial basis but expressed concern and reservation about making this a regular policy. The Division also voted to accept the invitation of the Canadian Phytopathological Society to meet with it in 1983 at Quebec City. The 1982 meeting is scheduled for November 3–5 at University Park, PA.

New officers elected for 1982 were: W. A. Sinclair, President; and A. Gotlieb, Secretary-Treasurer.

The Division had a disappointing sale of APS books, publications, hats, and t-shirts, raising less than \$300 for the Society.—*Richard J. Campana*

**Report of the North Central Division Councilor.** The annual meeting of the North Central Division was held on the University of Wisconsin campus, Madison, June 16–18, 1982, and was attended by 226 members. A reception was held on the evening of June 16.

A poster session open to all members (50 entries) and six paper sessions open to students only (59 published from 64 submitted) were held. A plenary session including topics on biotechnology, highlights in plant pathology, the pine wood nematode, and Verticillium wilt of alfalfa was held Thursday morning. Discussion group sessions on Friday morning included biotechnology, soybeans and soilborne diseases, multiple disease resistance, computers in plant pathology, integrated pest management, and corn diseases.

A business meeting was held and Lansing Williams was elected Vice-President. The division meets in Ames in 1983 and in Wooster, OH, in 1984. A revision of the Division's constitution was passed. Reports to the Division were made by Councilor Richard Kiesling and APS President Elect, Richard Ford. A discussion followed on several cost factors of the Society, with the general tone being to reduce expenses.

Competitions were held for the best paper presentation (student) and best

poster (entire membership). First, second, and third prizes of \$100, \$75, and \$50, respectively, were given for both the poster and the paper competitions.

Research tours on Friday afternoon included tours to Agrigenetics, Inc., Arlington Experimental Farm, The Biotron, Center for Forest Mycology Research at the USDA Forest Products Laboratory, and Forest Pathology.—*R. L. Kiesling*

**Report of the Potomac Division Councilor.** The 39th annual meeting of the Potomac Division was held at the University of Delaware, Newark, on March 31 and April 1 and 2, 1982. The meeting was cohosted by the plant pathologists at the University of Delaware and at E. I. du Pont de Nemours & Co., Wilmington. The meeting began Wednesday evening, March 31, with concurrent discussion sessions entitled "Responses to Current Crisis Diseases" and "Advances in Application Technology," organized by Harvey Spurr and Konrad Kmetz, respectively. Contributed papers, including a special section for graduate students, were presented during the next day and a half. Graduate student awards, consisting of \$100 each, and a certificate were presented at the banquet to two students.

Other scheduled events were a visit to the du Pont-Haskell Toxicology Laboratory or alternatively a visit to a mushroom production facility near Newark. A booth was set up for the sale of APS publications and promotions, based on its success last year.

Officers of the Potomac Division are R. J. Young, President; L. D. Moore, Vice-President; R. W. Goth, Secretary-Treasurer; and F. M. Latterell, Councilor.—*Frances M. Latterell*

**Report of the Southern Division Councilor.** The Southern Division held its annual meeting February 7–10 in Orlando, FL, in conjunction with the Southern Association of Agricultural Scientists. The program consisted of 68 papers, the annual business meeting, a discussion on an IPM program with peaches, and an industry-sponsored social. About 130 people attended. The invited guest speaker was M. J. Goode, Department of Plant Pathology, University of Arkansas, who discussed "Polygenic Disease Resistance."

The highlight of the meeting was presentation of the best graduate student papers. The best paper was presented by C. R. Kuske, a student at North Carolina State University. The first runner-up was C. N. Kenerley, also a graduate student at North Carolina State University. The Outstanding Plant Pathologist award was presented to E. S. Luttrell, University of Georgia, for his many contributions in mycology and plant pathology.

President Artie Browning gave an update on APS activities. Past President Wiley Garrett was also in attendance. R. H. Littrell presented a report of the activities of the council.

Officers installed for 1982 were James M. McGuire, President; Tom Kucharek, Vice-President; W. E. Batson, Secretary-Treasurer; and R. H. Littrell, Councilor. O. W. Barnett, outgoing President of the Southern Division, was presented a plaque in appreciation for his service to the Division.—*R. H. Littrell*

**Report of the Pacific Division Councilor.** The Pacific Division of the APS met in Salt Lake City. James E. Duffus, Richard Stace-Smith, and Al Weinhold were elected Fellows of the Society and John M. Duniway received the CIBA-Geigy Award. Ron Cameron was instated as the new APS Treasurer.

The Pacific Division sponsored a student paper competition at the National Meeting. First place awards were presented to Robert Ames, Colorado State University, and Cindy Orser, University of California, Berkeley. Second place awards were presented to Elizabeth Bernhardt, University of California, Davis, and Joyce Loper, University of California, Berkeley.

At the business meeting, outgoing President Ralph Baker announced the election of Joe Ogawa as President-Elect and Maury Wiese as Division Councilor. Al Weinhold was instated as President and Larry Moore retained as Secretary. A 1983 meeting is being organized in Berkeley in March in connection with the Western Soil fungus conference.—*Maury Wiese*

**The American Phytopathological Society**  
**Elected and Appointed Officers, Representatives,**  
**and Committees for 1982-1983**

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