

Seventy-Third Annual Report of the American Phytopathological Society

REPORT OF COUNCIL MEETINGS

The American Phytopathological Society had its 73rd Annual Meeting in New Orleans, LA, at the Hyatt Regency Hotel, August 2-6, 1981. The total registration was 1,339, comprised of 810 members, 301 student members, 129 spouses and 71 nonmembers. There were displays and exhibits representing commercial companies. APS Headquarters, APS Committees, and a combined book exhibit. The excellent meeting facilities and ancillary support were provided by the Local Arrangements Committee, cochaired by E. Kendrick and W. Martin; their efforts were rewarded by a highly successful meeting.

APS President W. Garrett officially began the meeting at the opening plenary session. After a Presidential Welcome to the meeting and to Louisiana, Garrett presented his address on "Planning the Future of APS," based on the preliminary efforts of the Special Long-Range Planning Committee. The challenging keynote address was given by P. Adkisson, on "The Approaching Crisis in Sustaining High-Yield Agricultural Systems." It was clear that APS members could play a major role in alleviating the crisis.

The full program was managed by adding night sessions for the first time. Three symposia were presented: "Deterioration Mechanisms in Seeds," "Aspects of VA Mycorrhizae in Plant Disease Research," and "Nature of Soils Suppressive to Soilborne Plant Diseases." Discussion sessions sponsored by APS Committees were: "Pseudomonads," "New Products and Services," "Bacterial Cell Surface Components in Plant-Bacterial Associations," "Plant Pathologists and Youth Programs," "Nematode Diseases of Woody Plants," "Sugarcane, Rice, and Coffee Diseases," "Curricular and Careers in Integrated Pest Management," "The Sterol-Inhibiting Fungicides: How to Manage for Greatest Benefit to Agriculture," "Topics of Current Interest in Mycorrhizal Research," "The Potential for Fungicide Resistance Problems in Management of Diseases of Turf and Ornamentals," "The Plant Pathologist in Industry: Roles and Opportunities," "Techniques Needed and Problems Involved in Evaluating Chemicals as Mutagens," and "Fastidious Prokaryotes as Plant Pathogens." In addition, the Apple and Pear Disease Workers had a discussion session, and the Intersociety Consortium for Plant Protection and the APS IPM Committee cosponsored a colloquium on "Integrating Research in the Management of Crop Pests—The Consortium for Integrated Pest Management." A joint discussion session/workshop was held on "Brown Patch Disease of Turfgrasses." Teach-ins were conducted on "Teaching Diagnosis of Plant Disease," "Diagnosis of Air Pollution Damage to Crops, Ornamentals, and Forest Species," and "Instrumentation in Biometerology and Epidemiology." The slide salon and APS Placement Service center were open during the meeting. The Southern Division conducted a graduate student competition for the best paper during the meeting. Forty-six paper sessions and two poster sessions were sponsored, totaling 584 scheduled presentations.

A variety of social activities, including tours and field trips, contributed to improved communications, new and renewed friendships, and observations of problems and practices. A boat cruise on the Mississippi, with dinner and dancing, replaced the traditional banquet.

The membership passed a revised Constitution at the Business Meeting (see Report of Business Meeting).

The APS Special Awards Ceremony was presided over by President W. Garrett and Past-President H. L. Purdy (see section on Awards). APS Fellows elected were: John Bancroft, Joseph Kuc, Curt Leben, George Nyland, Albert Paulus, Clayton Person, Syama Raychaudhuri, and Robert Stall. The recipient of the Ruth Allen award was Robert Shepherd. The Lee M. Hutchins award was presented to M. Bar-Joseph, M. F. Clark, Stephen Garnsey, Dennis Gonsalves, and Dan Purcifull. John Mircetich was the recipient of the CIBA-Geigy award.

President Garrett presided at the midyear Council meeting, February 25-27, and August 1, 2, 4, and 6 (a.m.) at the Hyatt Regency Hotel during the annual meeting. J. A. Browning presided at the new Council meeting on August 6 (p.m.). Members of Council were present at all meetings, except for occasional individual conflicting commitments.

As previously reported to the membership, R. J. Cook and D. Mathre were elected vice-president and councilor-at-large, respectively. P. Williams and R. Rodriguez-Kabana completed their three-year terms of office and were replaced by R. Kiesling for the North Central Division and J. Mignucci-Hepperly for the Caribbean Division, respectively. Terms for these Council members began August 6. On the same date, L. H. Purdy and J. L. Lockwood completed their terms of office as immediate past president and councilor-at-large, respectively.

Council approved a new Chapter: the Mississippi Association of Plant Pathologists and Nematologists (MAPN).

Council accepted continuation of all APS affiliations but decided not to consider APS affiliation with the Federation of Scientific Agricultural Societies at this time. New APS representatives were appointed to replace persons requesting replacement. Representatives beginning their three-year terms in 1982 are: J. DeVay, AAAS-Section O; D. Bateman, AAAS-Section G; and G. Papavizas, AIBS, Washington area representative.

An increase in APS symposia for 1982 was approved; four will be presented, but the total budget will remain the same.

The proposed Constitution Revision was discussed at length. Based on comments from the Division Councilors, as well as individual members, minor revisions or "fine tuning" were suggested. These changes were submitted to the members at the Business Meeting, at which the revised Constitution, Bylaws and Standing Rules were passed (see Business Meeting). These revisions included accepting Editors-in-Chief of PHYTOPATHOLOGY and PLANT DISEASE as members of Council and accepting publication of abstracts in PHYTOPATHOLOGY as part of the Bylaws.

Financial matters received a great deal of attention. The fiscal year is projected to show a small surplus. However, the 1981-1982 budget was initially projected for a \$70,000 deficit despite additional USDA support of \$80,000 for two years. The Financial Advisory Committee recommended that the most money could be saved through effecting economies in PLANT DISEASE. These included limiting the total number of pages per year, limiting color use, mandating page charges for feature articles not already obligated for, changing paper stock for research papers, and changing the binding. It was pointed out that these measures would still allow catching up on the backlog of research papers. These economies were authorized by Council.

Page charges and journal subscriptions were increased for 1982, based on the CPI; the treasurer's report supplies documentation for these increases. Council also approved the requirement that any contributed paper be accompanied by an abstract and fee for inclusion into both division and annual meeting programs, effective January 1, 1982, as part of the effort to hold down costs in the future. Council authorized increased expenditures in computer capabilities and programming. Also, to save money, abstracts would be published unedited, in an issue of PHYTOPATHOLOGY before the annual meeting, but with an overrun for distribution at the meeting. This would avoid printing abstracts in two formats and allow the option of using inexpensive paper for the overrun.

Publications reports given Publication Coordinator, T. Kommedahl, Publications Director, S. Nelson, the Editors-in-Chief of PHYTOPATHOLOGY, L. Sequeira, and PLANT DISEASE, M. Shurtleff, and Compendia Committee

Chairman, R. Campana, indicated the healthy growing pains of APS journal and nonjournal publications. Detailed reports are given in appropriate sections on publications.

Phytopathology News problems were also discussed. To make it more timely and determine its true cost, Council authorized that it be budgeted as a service to members, rather than with the journal *PLANT DISEASE*, and to publish it separately, effective September 1, 1981. Within a given budget, *Phytopathology News* Editor H. Waterworth and his committee are to explore with headquarters the possibility of publishing more pages and, if necessary, in a different format.

Several APS Committees presented reports before Council. C. Stephens presented the results of a survey performed by the Ad-Hoc Committee on Women in Plant Pathology, detailed later. At the Committee's request, Council authorized continuation of the committee as a Special Committee. R. Ford reported on a potential new organization on virology; the Virology Committee chairman was appointed to participate in future deliberations. S. Smith, chairman of the Diamond Jubilee Program Organizing Committee, gave an extensive report on progress for the 1983 Diamond Jubilee meeting; he indicated that about 280 suggestions had been received for symposia and a book on "Challenging Problems in Plant Health." From these suggestions, 22 areas were identified for potential symposia and about 49 chapters for the book. The book is planned to be available at registration for the 1983 meeting. The symposia are being developed in coordination with the 1983 Program Committee. The Registration Committee has a document on "American Registry of Professional Plant Pathologists" ready for review and comment by APS members. Proposed Bylaws of the Committee will be published in *Phytopathology News* for comment.

J. Tammen reviewed activities of the International Society for Plant Pathology, principally on program development for the 1983 International Congress to be held in Melbourne, Australia. More sessions have been added at the urging of APS. The first circular on the 4th International Congress is now available and will be mailed to APS members shortly. Council directed the president and executive vice-president to determine the potential for reduced fares to and housing in Australia.

The Special Committee on Long-Range Planning has made considerable progress in addressing all aspects of APS governance and operations. The committee is using a so-called Strategic Planning Process to assess problems and concerns; examples of the process and some key issues will be editorialized by C. Delp, the new chairman of the committee. However, because research needs and funding of the science of phytopathology are not addressed by this committee, President Browning appointed an Ad Hoc Committee on APS Science Policy, with D. Mathre as chairman. There is the potential of such deliberations being used by funding agencies and administrators, as well as society members.

Under the new standing rules, Council authorized the Private Practice Committee as a General Policies Standing Committee.

Based on the Public Relations Committee request, Council authorized giving a one-year subscription for *PLANT DISEASE* or *PHYTOPATHOLOGY* to recipients of Science Fair awards. Such subscriptions would enhance exposure of these able individuals to plant pathology. Council also authorized participation in the American Forestry Association Conference on Urban Forestry in 1982.—A. K. Vidaver

REPORT OF THE BUSINESS MEETING

President Garrett called the annual business meeting to order at 1:15 p.m., Wednesday, August 5. J. A. Browning was named parliamentarian. The meeting agenda was distributed. After a call for other agenda items from the floor, it was moved, seconded, and passed to approve the agenda as distributed.

After President Garrett announced winners of exhibit prizes, he presented his report of the president. Other reports were from: A. Vidaver, Secretary; E. Kendrick, Treasurer; L. Sequeira, Editor-in-Chief, *PHYTOPATHOLOGY*; M. C. Shurtleff, Editor-in-Chief, *PLANT DISEASE*, and T. Kommedahl, Publications Coordinator. The reports are presented in the appropriate sections of the Annual Meeting. Committee reports were presented as follows: Necrology—A. K. Vidaver; Site Selection—R. Ford; Local Arrangements, 1982 Annual Meeting—G. Griffin, and Diamond Jubilee—S. Smith.

A. Rovira presented information on the 4th International Congress of Plant Pathology, scheduled in August 1983 in Melbourne, Australia. He extended a warm welcome and an invitation for APS members to participate in this event.

The Best Student Paper Award in the Southern Division was presented by J. McGuire to E. Smallwood; the runner-up was G. C. Bergstrom.

E. Kendrick, chairman of the Constitution Revision Committee, presented the revised Constitution for ratification. He reviewed the background for bringing the revision before the members. On recommendations of Council and after comments from members, he asked

that the revision include the following:

1. Correction of spelling errors.
2. Article III, Section III, adding "Editors-in-Chief of PHYTOPATHOLOGY and PLANT DISEASE" after "Publications Coordinator."
3. Ex-officio should be changed to nonvoting as needed.
4. Article III, Section VII, after "necessary," add "or on matters petitioned by 10% of the regular members."
5. Article VI, Section II, after "Council," add "or if petitioned by at least 10% of the regular members."
6. Bylaw 1.2., insert "regular" after "husband-wife."
7. Bylaw 6, A.1. (delete is), add "may be" delegated "by Council." Same wording for B.1. and C.1.
8. Bylaw 6, add E. "accepted abstracts will be published in PHYTOPATHOLOGY upon receipt of the fee established by Council"; this is procedural, i.e., removed from standing Rule 3D.
9. Bylaw 9E, change "divisions" to "chapters."
10. Delete "designated in the Standing Rules," on p. 12; these committees will be found in the Manual of Operations.
11. Standing Rule 1B, after "Coordinator," add "and Editors-in-Chief of PHYTOPATHOLOGY and PLANT DISEASE."
12. Standing Rule 3E becomes 3D.

Moved by Kendrick, seconded by R. Ford, that the revised Constitution, Bylaws and Standing Rules as presented previously in writing to the membership, with minor modifications approved by Council as a result of solicited comments, and reported to the membership in attendance, be approved.

Discussion was on specific points in the Standing Rules, nominations and removing Committees from the Constitution. R. Millar suggested, in view of the complexity of the document and in the interests of time, that the membership approve the Constitution as presented; amendments could be prepared for the next annual meeting.

Moved by C. Graves, seconded, to table the motion before the house.

Motion to table failed. President Garrett then asked if the members were ready to vote. By show of hands, a clear majority indicated that they were ready to vote on the motion before the house.

The motion passed (77.4%) for ratification.

Garrett expressed the thanks of APS to E. Kendrick and W. Martin, cochairmen, and their members of the Local Arrangements Committee for making the 1981 meeting a success.

President Garrett recognized retiring Council members as follows: Past President, L. H. Purdy; Senior Council-at-Large, J. L. Lockwood, Caribbean Division Councilor, R. Rodríguez-Kabana; North Central Division Councilor, P. H. Williams, and PHYTOPATHOLOGY Editor-in-Chief, L. Sequeira.

Incoming Council members welcomed by President Garrett were: Vice-President, R. J. Cook; Junior Councilor-at-Large, D. Mathre; Caribbean Division Councilor, J. Mignucci-Hepperly; North Central Division Councilor, R. Kiesling; and K. Leonard, Editor-in-Chief, PHYTOPATHOLOGY.

Garrett thanked the membership for their support and expressed pleasure in having served as APS President. He then passed the gavel to President-Elect J. A. Browning.

Browning thanked Garrett for his stewardship of the Society and expressed his hopes for a successful new year. After a suitable motion, he adjourned the meeting at 3:15 p.m.—A. K. Vidaver

REPORTS OF OFFICERS

Report of the President. Our society faces many exciting challenges, but perhaps none as great as the challenge of properly developing and managing the publications phase of our program. The publications coordinator, Thor Kommedahl, and the Editors-in-Chief of both *PHYTOPATHOLOGY* and *PLANT DISEASE* are to be commended. As indicated in my Presidential Address, one of the greatest services our society can provide its members is appropriate vehicles of communication. APS can take pride in the quality of our publications and in the knowledge that our nonjournal publications provide as much income as any other source of revenue—including membership dues. As Malcolm Shurtleff, Editor-in-Chief of *PLANT DISEASE*, indicated in his May editorial, "the life of any new publication is perilous." However, I want to commend the many individuals that have been associated with this publication for their tremendous dedication. When *PLANT DISEASE* was conceived, it was Council's intention to provide a publication to fill the void created by the demise of *Plant Disease Reporter* and, at the same time, to develop a journal that would attract a broad readership from all plant science related disciplines and that would appeal to advisers. We have succeeded in carrying on the role of *Plant Disease Reporter*. Remember that *Plant Disease Reporter* was totally subsidized by the federal government, but *PLANT DISEASE* now must support itself by library subscriptions, member subscriptions, and page charges. A survey

taken during the year indicates that the readership for PLANT DISEASE is approximately 13,500—a very good base for a new publication. So, although there are some financial problems that have been carefully reviewed by the Editorial Advisory Board of PLANT DISEASE and Council (further detailed in the report of the PLANT DISEASE Editor-in-Chief), I am confident that PLANT DISEASE will take its rightful place as a major society publication.

The launching of a new journal demands special attention. However, on behalf of Council, I wish to emphasize the fact that our efforts to launch PLANT DISEASE as a second journal cannot be allowed to distract from our efforts in maintaining PHYTOPATHOLOGY as a quality publication. I am happy to report that during the year we have been successful in reducing the backlog of papers for PHYTOPATHOLOGY. Although author acceptance of PLANT DISEASE has been exceptional, such acceptance has not significantly affected papers submitted to PHYTOPATHOLOGY.

The Compendia series continues to be successful. During the year the

Corn Compendium was revised and new compendia on potatoes, cotton, and elm were published. Compendia on other topics such as strawberries and roses are being considered. I encourage those members who are interested in writing a compendium to contact our publications coordinator, Thor Kommedahl.

The Diamond Jubilee Organizing Committee, which was appointed by Immediate Past President L. H. Purdy to provide direction in planning for the Society's 75th annual meeting in 1983, continues to function. During the year, this committee met jointly with representatives from the Society of Nematology and the Mycology Society of America. This committee and the representatives from MSA and SON considered more than 200 suggested topics and speakers from APS committees and from those responding to the general announcements in *Phytopathology News*. S. Smith, chairman of this committee, reports that all suggestions were considered in the development of an outline for the Diamond Jubilee Volume entitled "Challenging Problems in Plant Health," which is to be edited by Thor

ANNUAL FINANCIAL STATEMENT OF THE AMERICAN PHYTOPATHOLOGICAL SOCIETY July 1, 1980–June 30, 1981

Report of the Auditor

I have examined the balance sheet of THE AMERICAN PHYTOPATHOLOGICAL SOCIETY (a nonprofit corporation) as of June 30, 1981, 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, 1981, 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, 1981 and 1980

	Current Operating Fund	Restricted (See Separate Schedule)	Total All Funds June 30	
			1981	1980
Current Assets:				
Cash—Checking	\$ 13,029	\$...	\$ 13,029	\$ 57,805
Savings	215,794	21,411	237,205	267,689
Accounts receivable, net of allowance for doubtful accounts of \$4,000	62,247	...	62,247	52,391
Inventories	117,178	...	117,178	34,596
Prepaid expenses (Note 1)	44,487	...	44,487	27,492
Investments (Note 2)	10,000	...	10,000	10,000
Marketable securities (Note 3)	10,516	23,138	33,654	33,654
Total current assets	\$473,251	\$44,549	\$517,800	\$483,627
Land, Building and Equipment (at cost), less accumulated depreciation	222,566	...	222,566	196,888
	<u>\$695,817</u>	<u>\$44,549</u>	<u>\$740,366</u>	<u>\$680,515</u>
Current Liabilities:				
Current maturity of note payable—bank	\$ 10,000	\$...	\$ 10,000	\$...
Accounts payable	63,343	...	63,343	47,079
Due to American Association of Cereal Chemists, Inc.	55,274	...	55,274	18,891
Accrued pension payable (Note 4)	13,750	...	13,750	9,075
Property taxes payable	8,747	...	8,747	8,300
Deferred revenue (Note 5)	295,127	...	295,127	344,653
Total current liabilities	\$446,241	\$...	\$446,241	\$427,998
Notes Payable—Bank , net of current maturity included above (Note 6)	26,471	...	26,471	...
Membership Equity	223,105	44,549	267,654	252,517
	<u>\$695,817</u>	<u>\$44,549</u>	<u>\$740,366</u>	<u>\$680,515</u>

(See accompanying notes to these financial statements.)

**Statement of Current Funds Income and Expenses and Membership Equity
for the Years Ended June 30, 1981 and 1980**

	Current Operating Fund	Restricted (See Separate Schedule)	Total All Funds June 30	
			1981	1980
Income:				
Membership dues	\$ 182,089	\$...	\$ 182,089	\$141,761
Subscriptions	297,559	...	297,559	213,223
USDA Grant—PLANT DISEASE (Note 7)	118,000	...	118,000	108,167
Reprints	17,000	...	17,000	17,173
Page charges	76,295	...	76,295	48,213
Back issues	15,357	...	15,357	14,719
Nonjournal publications	203,113	...	203,113	128,129
Annual reviews	8,019	...	8,019	7,290
Annual meeting (Note 8)	69,113	...	69,133	...
Other	55,391	...	55,391	45,097
Total operating income	\$1,041,956	\$...	\$1,041,956	\$723,772
Investment and other non- operating income	33,332	4,183	37,515	27,217
Contributions	...	5,000	5,000	5,532
Total income	\$1,075,288	\$ 9,183	\$1,084,471	\$756,521
Expenses:				
Member services	\$ 62,866	\$...	\$ 62,866	\$ 41,714
PHYTOPATHOLOGY	222,499	...	222,499	208,120
PLANT DISEASE (Note 7)	284,752	...	284,752	164,860
Nonjournal publications	145,230	...	145,230	77,459
Annual meeting (Note 8)	74,358	...	74,358	2,947
Building operations and depreciation	33,999	...	33,999	35,907
Awards	2,000	1,900	3,900	900
General administration	240,684	1,046	241,730	274,573
Total expenses	\$1,066,388	\$ 2,946	\$1,069,334	\$806,459
Excess of income over (expenses)	\$ 8,900	\$ 6,237	\$ 15,137	\$ (49,938)
Membership Equity, beginning of year	217,205	35,312	252,517	302,455
Fund Transfers (See schedule of restricted funds)	(3,000)	3,000	...	...
Membership Equity, end of year	\$ 223,105	\$44,549	\$ 267,654	\$252,517

(See accompanying notes to these financial statements.)

**Statement of changes in Financial Position
for the Years Ended June 30, 1981 and 1980**

	Year Ended June 30	
	1981	1980
Source of Funds:		
Excess of income over expenses	\$15,137	\$...
Depreciation, which does not affect working capital	22,336	16,572
Long-term borrowing	26,471	...
	\$63,944	\$16,572
Application of Funds:		
Excess of expenses over income	\$...	\$49,938
Equipment purchases	48,014	21,851
	\$48,014	\$71,789
Increase (decrease) in working capital	\$15,930	\$(55,217)

(See accompanying notes to these financial statements.)

Kommedahl and Paul Williams. The organizing committee recognizes that the development of symposia for the meeting can only be accomplished by active participation of the memberships of APS, SON, and MSA. The representatives of SON and MSA on the Organizing Committee have accepted the responsibility for seeking suitable input from their societies' members. All APS committees are being asked to review the 22 areas that have been suggested by the Organizing Committee for symposia and determine the ones they wish to participate in through the development of subject matter and selection of speakers. The Council urges members to contact the chairman of this Organizing Committee, Sam Smith, or the chairmen of APS subject matter committees to present ideas or suggestions and to obtain answers to any questions that relate to committee responsibilities.

The ad hoc committee on constitutional revision continued to work under the able leadership of Chairman Ed Kendrick. The constitutional revision represents a tremendous amount of work, with each member of this society having had the opportunity to make input. Council has reviewed members and committee recommendations on several occasions. The final revision was mailed to members with a request that they contact their councilor if they had questions or suggestions for additional revision. The purpose of the constitutional revision is to increase efficiency of all aspects of the society. This matter will be brought before the membership during this business meeting.

As indicated in my Presidential Address, the Long-Range Planning

Committee chaired by Paul Williams and Charlie Delp is commended for excellent progress during the year. The committee identified the key issues, developed scenarios around several of these issues, and is now working to develop strategies for possible action by the society. We look forward to additional reports.

During the year a special committee was appointed by the President, with Council approval, to develop a procedure for registering plant pathologists. The society's original committee chaired by Houston Couch developed an instrument entitled "American Registry of Professional Plant Pathologists," which includes proposed Charter, By-laws, and Code of Ethics. This document was then reviewed by the society's legal counsel, returned to a subcommittee for review, and then a second review was made by the society's legal counsel. Based on the recommendation of this committee and legal counsel, APS council then appointed a committee on registration to develop procedures for certifying the initial members of the Registry. To appoint this committee, I asked each division counselor to submit a nominee for the committee. This approach resulted in a committee consisting of: Barry Jacobsen, chairman and representative of the North Central Division; Clinton Graves, Southern Division; Ken Hickey, Northeastern Division; Robert Lamb, Potomac Division; and Jack Reisselman, Pacific Division. The Caribbean Division may name a representative at a later date.

Our headquarters staff of outstanding professionals, under the leadership of Ray Tarleton, continues to make new and innovative technology work for the membership. This year, for the first time, improved record keeping and planning enabled Council to review the cost versus benefit of each membership service in a very precise manner. Although many factors must be considered when a membership service is reviewed, cost is of major importance.

It has been my good fortune to serve on Council with a number of dedicated individuals. Our system for selecting counselors and officers allows for appropriate membership input and ensures logical continuity. I have had the good fortune of working with L. H. (Hank) Purdy who will be completing his service to our society as Immediate Past President. L. Sequeira completes his term as Editor-in-Chief of PHYTOPATHOLOGY and John L. Lockwood as Senior Counselor-at-Large. R. Rodriguez-Kabana from the Caribbean Division and Paul Williams from the North Central Division both complete their terms of office. All of these individuals have contributed greatly to the society and I wish to express my personal

appreciation for their dedicated service.

I want to take this opportunity to express my sincere appreciation to the Council, the headquarters staff, and APS members for your support throughout this year. It has truly been an honor to have served with you.—W. N. Garrett

Report of the Secretary. The APS total membership as of June 30, 1981, was 3,766 in categories as follows: regular—2,600, student—765, sustaining associates—57, emeritus—284, husband-wife—24, group—10, and life—26. This represents an increase of about 5% over 1980.

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, 1981, membership equity of the Society was \$223,105.00, which included \$222,566.00 in fixed assets such as land, building and equipment. The membership equity increased by \$5,900.00 over the previous year.

The attached statement of current funds, income, and expenses details the major income and expense activities of the Society. In addition, members may compare FY 1980 with FY 1981 by function. Such a comparison will show the significant improvement that was made over the past year.

PLANT DISEASE continues to be a major expense with less than adequate income to compensate. Although circulation has been increasing at a satisfactory rate, advertising income has not reached expected levels. Because this fiscal year was the second and last year of the \$236,000.00 USDA grant (\$118,000.00 per year), the Treasurer, the Financial Advisory Committee, and the Plant Disease Editorial Advisory Board, all recommended to Council an immediate reduction in production costs for the journal. Council accepted these recommendations, and adjustments were initiated effective with the September 1981 issue.

In general, the society is in a satisfactory financial condition, although our reserves are not sufficient to sustain any substantial loss or series of losses. Therefore we must be prudent in our financial planning. Our headquarters staff has made good progress over the past year in providing Council with a better picture of the "true costs" of many of our programs. In addition, our accounting system was completely computerized as of July 1, 1981, the start of FY 1982. These improvements in our administrative capabilities will provide the tools needed to "fine tune" our operation to

**Schedule of Restricted Funds
for the Year Ended June 30, 1981**

	Ruth Allen Fund	APS Endowment Fund	Lee M. Hutchins Award	Building Maintenance Reserve	Total
Balance, Beginning of year	\$12,175	\$...	\$16,979	\$6,158	\$35,312
Income					
Investment income	1,165	582	1,635	801	4,183
Contributions	...	5,000	...	...	5,000
Fund Transfers	...	...	...	3,000	3,000
	<u>\$13,340</u>	<u>\$5,582</u>	<u>\$18,614</u>	<u>\$9,959</u>	<u>\$47,495</u>
Deduct					
Awards given	\$ 900	\$...	\$ 1,000	\$...	\$ 1,900
General administration	291	146	409	200	1,046
	<u>\$ 1,191</u>	<u>\$ 146</u>	<u>\$ 1,409</u>	<u>\$ 200</u>	<u>\$ 2,946</u>
Balance, End of year	<u>\$12,149</u>	<u>\$5,436</u>	<u>\$17,205</u>	<u>\$9,759</u>	<u>\$44,549</u>
Represented on Balance Sheet by:					
Cash-Savings	\$ 4,001	\$5,436	\$ 2,215	\$9,759	\$21,411
Marketable securities	8,148	...	14,990	...	23,138
	<u>\$12,149</u>	<u>\$5,436</u>	<u>\$17,205</u>	<u>\$9,759</u>	<u>\$44,549</u>

(See accompanying notes to these financial statements.)

meet the challenges of the current economic climate.

As reported last year, nonmember income has become an essential element in our ability to maintain financial solvency. Income from nonjournal publications continues to rise. Only two years ago, total income from this source was \$96,112.00; the current statement shows \$203,113.00, and our budget for FY 1982 suggests \$246,000.00. This is now our largest single source of income, surpassing membership dues and nonmember subscriptions to any one of the society's journals. Our experience with nonmember income is being duplicated by many other scientific societies. The national trend is moving in the direction of greater dependency on outside revenue to supplement member dues. It is vital that we nourish this particular program of nonjournal publications, not only because of its income potential, but also because of its very positive effect on the APS image worldwide.

Your Treasurer is deeply indebted to the Financial Advisory Committee and especially to its member-at-large, Stanley M. Alcorn. APS members, the Council and the headquarters staff have been particularly supportive and cooperative, and this has greatly lightened my responsibility as Treasurer. Thank you.—E. L. Kendrick, Jr.

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 benefitted.

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 note 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	
	1981	1980
Land	\$ 27,047	\$ 27,047
Building and improvements	174,863	174,863
Equipment	119,396	77,140
	\$321,306	\$279,050
Less - Accumulated depreciation	98,740	82,162
	\$222,566	\$196,888

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 \$55,274 at June 30, 1981, represents, primarily, unpaid shared expenses and a cash advance of \$20,000, to be repaid on demand plus interest at the rate of 10 percent per annum.

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	
	1981	1980
Annual meeting	\$27,546	\$ 8,900
Books in press	4,026	15,912
Data processing	5,816	...
Supplies and service contracts	2,507	...
Unexpired insurance and other	4,592	2,680
	\$44,487	\$27,492

2) **Investments.** This account includes one Treasury note (at cost) with a maturity date of May 1982.

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

	June 30	
	1981	1980
\$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	\$27,300	\$26,000

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 \$21,300 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	
	1981	1980
Membership dues	\$ 99,393	\$ 79,033
Subscriptions - PHYTOPATHOLOGY	96,051	80,091
PLANT DISEASE	54,895	42,774
Annual meeting	39,897	20,126
USDA Grant - PLANT DISEASE	...	118,000
Other	4,891	4,629
	\$295,127	\$344,653

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 amount owed at June 30, 1981	\$72,942
Society's one-half share	\$36,471
Current maturity of Society's one-half share	10,000
Long-term portion	\$26,471

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

7) **PLANT DISEASE.** During the year ended June 30, 1979, The Society assumed publication and promotion of this monthly journal which was previously published by the U.S. Department of Agriculture. The \$236,000 grant from the U.S. Department of Agriculture to underwrite deficits for the first two years of publication has now been fully recognized as income.

8) **Annual Meeting.** No income was recorded for the prior year as the annual meeting was held in conjunction with IX International Congress for Plant Protection. Annual meeting expenses for the prior year included symposia and miscellaneous expenses for the Society's participation in that joint meeting.

Current Restricted Funds. The Society maintains four 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.

REPORTS OF SOCIETY PUBLICATIONS

Report of Publications Coordinator. Because reports of journal editors and nonjournal publication committee chairpersons are published separately, this report will include only highlights. New publications this year include compendia on diseases of corn (revision), cotton, elm, and potato; phytopathological classic no. 13 on the Fischer-Smith controversy; monograph no. 10 on *Phytophthora cinnamomi*; and a book on "Microbial Collections of Major Importance to Agriculture." New compendia being prepared are those on diseases of apple and pear, beans, barley, peas, coffee, citrus, tomato, roses, and strawberry. Several laboratory manuals are being prepared also. T-shirts and cap sales brought in a gross income of \$5,800.00 in fiscal year 1981.—*Thor Kommedahl*

Report of the Editor-in-Chief of Phytopathology. In the period 1 July 1980 through 30 June 1981 *PHYTOPATHOLOGY* published 299 research papers that averaged 4.0 pages in length. In addition, we published 767 abstracts of papers presented at national or divisional meetings of the society. Papers from Argentina (2), Australia (3), Bolivia (1), Brazil (3), Canada (4), Chile (1), Denmark (1), Egypt (1), England (4), Ethiopia (1), France (3), Greece (1), India (4), Israel (8), Italy (2), Japan (2), Jamaica (1), Lebanon (1), Malaysia (2), Mexico (1), The Netherlands (1), New Caledonia (1), Peru (2), The Philippines (4), South Africa (1), Switzerland (2), Venezuela (1), and West Germany (1) brought foreign contributions to about 19% of the total published.

We published a total of 1,349 pages during the period indicated. Articles upon which page charges were assessed amounted to 1,300 pages. Reprinting the Table of Contents and inclusion of the Index in the December 1981 issue accounted for an additional 37 pages. The remaining pages were devoted to the "Author's Guide for Manuscript Preparation," Revised 1981 (3 pages), Acknowledgment of Reviewers (3 pages), and six obituaries (6 pages) published at the direction of Council.

The following data permit some comparisons for recent years:

	Fiscal Year						
	74-75	75-76	76-77	77-78	78-79	79-80	80-81
Mss. Published							
Articles	271	306	294	310	313	265	299
Notes	68	32	0	0	0	0	0
Abstracts	0	0	0	0	115	461	767
Total pages	1,652	1,500	1,510	1,723	1,553	1,242	1,349
Average article length (pp.)	4.6	4.6	4.9	5.2	4.2	4.0	4.0
Mss. Submitted							
Total	465	446	433	440	426	472	469
Avg/month	38.8	37.2	36.1	36.6	35.5	39.3	38.8
Acceptance rate	72%	61%	66%	73%	65%	66%	72%

The acceptance rate during the period was approximately 72%. As of June 30, 1981, of 469 manuscripts submitted, 207 were accepted, 114 were rejected, 80 were being revised by the author (and most likely will be

accepted for publication), and 68 were out for review. The average time required for manuscript review was 2.9 wk, which indicates that this was a reasonably efficient process. On the other hand, the interval between date of receipt and date of acceptance of a manuscript averaged 16 wk, which indicates the need for greater efficiency in the handling of manuscripts after review.

In addition to reviews provided by the Associate Editors, one or more reviews were obtained in the period November 1979—November 1980 from 310 individuals who are not members of the Board. Their names were published in the January 1981 issue in grateful acknowledgment of their help.

The Editorial Board currently is composed of 41 individuals; 16 Associate Editors will complete their tenure 31 December 1981, and Council will be asked to approve appointment of 17 new members. Members retiring from the board are: J. R. Aist, M. K. Beute, P. R. Day, V. H. Dropkin, W. E. Fry, R. M. Goodman, A. C. Hayward, C. W. Hesseltine, V. J. Higgins, L. D. Houseworth, B. B. Kinloch, H. R. Powers, W. C. Schnathorst, M. D. Simons, W. R. Stevenson, and E. W. B. Ward as Associate Editors; R. Baker, L. D. Dunkle, and J. H. Tremaine as Senior Editors. The society is indebted to these members who have given freely of their time to ensure the maintenance of high quality standards for the journal.

PHYTOPATHOLOGY is now printed by Allen Press Inc. at Lawrence, KS. This company is highly experienced in the printing of scientific journals and is noted for the excellent reproduction of halftone illustrations.

The journal is in excellent financial condition as a result, in part, of substantial savings effected by changes in format, page size, paper stock, etc., that were instituted 2½ yr ago. The journal generates considerable income that is used to support other activities of the society.

The journal is printed and distributed on time. Authors are assured of publication within 6 mo after their papers are accepted. The return of the journal to a normal schedule is the result of very considerable efforts by the staff at the St. Paul office. The help I have received from Ms. Vera Baker, Mr. Steve Nelson, Mr. Miles Wimer, and Mr. Robert Minter is most sincerely appreciated.—*L. Sequeira*

Report of the Editor-in-Chief of Plant Disease. Between July 1, 1980, and June 30, 1981, *PLANT DISEASE* published 12 issues, which included 31 features, 191 research and 73 new diseases and epidemics articles; papers from Australia (4), Bermuda (1), Brazil (4), Canada (7), Colombia (3), Costa Rica (1), Great Britain (4), Greece (3), India (18), Indonesia (1), Israel (5), Italy (1), Ivory Coast (2), Japan (1), Kenya (1), Lebanon (1), Malaysia (1), Mexico (1), The Netherlands (1), New Zealand (1), Nicaragua (1), Nigeria (4), Norway (1), Peru (1), The Philippines (1), Saudi Arabia (1), South Africa (1), Taiwan (1), Venezuela (1), and West Germany (1) brought foreign contributions to 28.24% of the total published. The percentage of foreign articles has decreased somewhat since mandatory page charges were instituted during the year.

PLANT DISEASE published a total of 1,053 pages during the period indicated. Research articles amounted to (424), New Diseases and Epidemics (129), Features (180), Phytopathology News (95), Editorials, Focus, and Scientific News (12 pages each), Letters (4), Table of Contents (24), Masthead and Instructions to Authors (22), Annual Report (19), Annual APS Meeting Program (14), Awards and Honors Citations (11), New Products and Equipment News (4), Advertising (77), Presidential Address (2), Reminiscences (2), Plant Disease Reader Survey (1), and the Author and Subject Index (9).

During the period indicated, 501 manuscripts were received. Of these manuscripts, 262 were accepted (52%), 59 were still being reviewed (12%), 74 were out for revision (15%), 99 were rejected (20%), miscellaneous action accounted for (6), and 1 manuscript was sent to *PHYTOPATHOLOGY*.

The Editorial Board currently is composed of 5 senior editors, 48 associate editors, a Feature Editor, a News Editor, and 8 members of the Editorial Advisory Board. Fifteen Associate Editors and two members of the Editorial Advisory Board will complete their tenure on December 31, 1981, and council was asked to approve appointment of 17 new members. Associate Editors retiring from the Board are: P. A. Arneson, G. M. Blakeslee, D. D. Davis, R. S. Dickey, J. E. Duffus, D. J. Hagedorn, A. W. Johnson, J. P. Jones, E. G. Kuhlman, R. G. Linderman, J. E. Mitchell, G. Nyland, R. M. Riedel, A. P. Roelfs, W. R. Sitterly, and F. H. Tainter. C. W. Horne and C. J. Delp will retire shortly from the Editorial Advisory Board; C. W. Horne has accepted the responsibility of arranging for editorials.

The society is indebted to these individuals for their conscientious service in the important role of ensuring a standard of high quality for *PLANT DISEASE*.

The help that the entire Editorial Board has received from Ray Tarleton, Vera Baker, Lorraine Hannon, Steve Nelson, Miles Wimer, and the remainder of the staff at the APS office in St. Paul is greatly appreciated. Their dedication and attention to a wide range of details has been instrumental in maintaining the high quality of our society's new journal.—*M. C. Shurtleff*

Report of the Phytopathology News Committee. Volume 14 of *Phytopathology News* was the first to become an integral part of PLANT DISEASE. The News' distribution was largely as a component of that Journal. About 5,700 copies were distributed in the PLANT DISEASE and about 550 were mailed alone.

Volume 14 (the last to be identified by volume number) carried 103 pages of news items—19 fewer than in the previous volume. Volume 14 also carried the 21-page 71st annual report of the society and list of committees, and 22 pages of the annual meeting program.

Unlike Volume 13, it carried no paid advertising except for the \$25 per column inch for Placement Notices.

About 35% of the contents was prepared by the editor or taken from the newsletters of 15 other biological societies. About 95% of the items received from members was published though sometimes substantially reduced in length.

News was received regularly from about 15 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 two to three months later. This span has increased as the result of becoming part of a journal.

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

REPORTS OF REPRESENTATIVES

Report of the Representative to the American Association for the Advancement of Science. The AAAS met during the first week of January 1981 in Toronto, Canada. The 1982 annual meeting will be held January 3-8 in Washington, DC. The Board of Directors and Council of AAAS passed two resolutions of especial interest to our membership:

I. (a) Pledge this Association, in partnership with its affiliated science and engineering societies, to a full measure of effort to reverse the damaging decline of science and engineering education in the United States;

(b) Urge the President of the United States and the Congress to address the need for a new national commitment to excellence in science and engineering education for all Americans;

(c) Direct the President of the Association to convene a consultative conference of heads of affiliated societies with the aim of advancing science and engineering education in the United States in the 1980s; and

(d) Direct that a major theme of the 1982 Annual Meeting of the AAAS be "Toward a National Commitment to Educational Excellence in Science and Engineering for All Americans."

II. The AAAS urges President Reagan to reestablish the President's Science Advisory Committee to assist him and the full-time Science Adviser to the President, confident that this action would benefit the nation, strengthen the Presidency, have the support of the Congress, and encourage the scientific and engineering communities.—*R. G. Grogan*

Report of the Representative to the American Institute of Biological Sciences. The AIBS Governing Board met in November 1980 in Arlington, VA. Dr. Russell Steere represented APS. Beatrice Sweeney, Department of Biological Sciences, University of California, Santa Barbara, presided. The annual budget of more than \$700,000, down from the previous year, supports the salaries of 16 persons and the activities of five departments. They are publications, government relations, meetings, special science programs and education. APS dues were \$600, but will be \$1,383.75 for 1981-1982. Highlights of AIBS activities were published in *Phytopathology News* (14:28, 42, 808).

BioScience's circulation has increased to about 17,000. This includes about 3,900 subscriptions to libraries and institutions, and about 3,000 complimentary copies to department of biology chairmen. The journal new features a new section called Previews. It consists of 500-word summaries of original research papers that have been accepted for publication in adherent society journals and that have a broad interest. Twelve to 15 are published in each issue. None has been received from APS so far. *BioScience* also seeks full-length general articles on pathology subjects. The 4-page newsletter *Forum* is published monthly and deals primarily with science-related activities on Capitol Hill. It is distributed to all members and to officers of adherent societies.

The 1981 annual meeting was held in Bloomington, IN, with six societies joining AIBS programs. The 1982 meeting will be at Pennsylvania State University.

A detailed annual report on AIBS was published in the April 1981 issue of *BioScience*.

AIBS has placed increased reliance on the year old "Washington Council." This body consists of adherent society representatives who reside in the Washington, DC, area and who meet several times a year to advise AIBS staff on timely and critical issues related to biology and government actions.—*H. Waterworth*

Report of the Representative to the American National Standards Institute, K62. Twelve common names for agricultural pesticide chemicals were approved by the K62 Committee of ANSI in the period from July 1980 through September 1981, including 4 fungicides, 3 insecticides, 2 herbicides, 1 plant growth regulator, 1 rodenticide, and 1 ectoparasiticide.

The four fungicides with their common and chemical names and other designations are:

Common Name	Chemical Name	Other Designations
1. ofurace	2-chloro- <i>N</i> -(2,6-dimethylphenyl)- <i>N</i> -(tetrahydro-2-oxo-3-furanyl) acetamide	Ortho 20615
2. cymoxanil	2-cyano- <i>N</i> -[(ethylamino) carbonyl]-2-(methoxyimino) acetamide	Curzate, DPX 3217
3. prochloraz	<i>N</i> -propyl- <i>N</i> -[2-(2,4,6-trichlorophenoxy) = ethyl]-1 <i>H</i> -imidazole-1-carboxamide	Sportak
4. imazalil	1-[2-(2,4-dichlorophenyl)-2-(2-propenyl = oxy)ethyl]-1 <i>H</i> -imidazole	R-23979, Fungaflor, Florasan, Fungazil, Murbenine, Deccozil, Muralid, Sequendal, Panocrine Plus

The three insecticides approved are:

Common Name	Chemical Name	Other Designations
1. cypermethrin	cyano(3-phenoxyphenyl)methyl 3-(2,2-dichloroethyl)-2,2-dimethylcyclopropanecarboxylate	Cymbush, PP383, NRDC 149, FMC 30980, WL43467
2. diazinon	<i>O,O</i> -diethyl <i>O</i> -[6-methyl-2-(1-methyl = ethyl)-4-pyrimidinyl] phosphorothioate	Basudin, D-Z-N, G 24480
3. carbosulfan	2,3-dihydro-2,2-dimethyl-7-benzofuranyl [(dibutylamino) thio]methylcarbamate	Marshal, Posse, FMC 35001

The following additional five common names were approved: **Herbicides** (2): isouron (EL-187, SSH-43); chlorsulfuron (DPX-4189). **Plant growth regulator** (1): fenridazon (RH-0007). **Rodenticide** (1): bromethalin (EL 614). **Ectoparasiticide** (1): cyromazine (CGA-72662, Vetraxin).

Ten common names are pending approval as of October 1, 1981: 2 fungicides, 4 insecticides, 2 herbicides, and 2 plant growth regulators.

In January 1981 the K62 Committee voted on 28 proposed reaffirmations of common names 5 or more years old. Among these were five fungicides: chlorothalonil, fenarimol, nuarimol, oxycarboxin, and triarimol. All 28 names were reaffirmed.—*H. McGrath*

Report of the Representative to the American Type Culture Collection. Under the new directorship of Dr. Robert E. Stevenson, the ATCC has continued to show growth and development in services and service capabilities relating to the needs of phytopathologists and other scientists and educators throughout the world. The ATCC serves as a public repository of strains patented under the U.S. Patent Office. During the past year, ATCC has also become an International Depository Authority for international patenting of microbes.

Services of the Applied Microbiology Laboratory are expanding. On a fee basis, mycoplasma identification, safe deposits of cultures, cryopreservation, identification, freeze-drying and karyotyping of cell lines can be done.

Culture shipments during 1980 totaled 36,845, an increase of 6% over 1979. The mycological collection consists of 14,274 strains of fungi representing over 4,500 spp. In the collection are 3,769 plant pathogens as well as mycorrhizae (125), nematode-destroying fungi (94), rusts (76), wood inhibitors (869), and others of general interest to phytopathologists. A special collection of 122 fungal strains carrying mycoviruses are also cataloged. Antisera for many plant viruses are listed. A significant portion of the bacteriological collection consists of phytopathogens. There is continuing activity in the accessioning of phytopathogens.

Highlights of 1980 included the opening of a new 12,000-sq.-ft. wing, the

publication and free distribution of the 3rd edition of the ATCC Catalogue of Strains II, which includes cell lines, viruses and antisera, chlamydiae, and rickettsiae. A new toll-free number for ordering cultures is 800-638-6597. In conjunction with the dedication of the new wing of the ATCC, which houses the Richard Donovick Library and other facilities, was a Conference on the Use, Availability and Patenting of Hybridoma and Genetically Engineered Microorganisms. A useful publication entitled "American Type Culture Collection Methods I. Laboratory Manual on Preservation and Freeze Drying as Applied to Algae, Bacteria, Fungi, and Protozoa" was published during 1980.—*P. Williams*

Report of the Representative to the Biological Stain Commission. The commission met on June 11 and 12 at Rochester, NY. Papers were presented on fluorescent dyes, fluorescent stains in flow cytometry, and membrane active fluorescence dyes as probes for functional analyses of cells. Ten industry representatives participated. Discussion considered relaxed FDA regulations that pertain to stains and impurities in stains. Eosin Y is being sold with fillers that interfere with staining. Tests showed Oil Red O to be a better stain for Lipids than Sudan IV, and a protocol for its certification is being prepared. Dye users brought to the attention of the Rochester laboratory 10 problems that they have had with stains. These are being investigated.—*H. Schneider*

Report of the Representative to CAST. The board of directors of the Council for Agricultural Science and Technology (CAST), made up of 25 member societies and four directors-at-large, met twice during the 1980-1981 year (Madison, WI, in July 1980 and Washington, DC, in February 1981). Dr. O. D. Butler (American Society of Animal Science) began his term as president in 1981.

There were two changes in the consortium during the year. The Plant Growth Regulator Working Group was accepted by the board of directors in August as a member scientific society. Two societies withdrew: The Society for Range Management and the Entomological Society of America. However, CAST will still continue to use their members on task forces.

CAST continued its growth in the 1980-1981 year with an annual budget of \$346,000. Funds are used for travel, printing, mailing, and administrative expenses. Each society pays annual fees up to \$6,000 based on size of membership. APS paid \$1,800 in 1980, and a total of \$7,050 since beginning its membership.

APS members were represented on 58 CAST publications in 1980. Total costs of pages in all publications in which APS was represented was \$312,626. The proportion of total CAST expenditures covered by APS payments was 0.56% through 1980.

Five task force reports were published in 1980, one more than each of the two previous years. Topics included Food from Animals, Effects of Sewage Sludge on Cadmium and Zinc Content of Crops, Organic and Conventional Farming Compared, Impact of Government Regulations on Chemicals used in Animal Production, and Social and Economic Impacts of Restricted Pesticide Use in Agriculture. These reports were completed for EPA, Congress, and news media.

About 20 proposals for new task forces were considered and approved. Two of direct interest to APS were Aerial Application of Pesticides and The Delaney Clause.

The bimonthly bulletin, NEWS from CAST, was strengthened to keep members up to date on CAST activities.

CAST sponsored a second Congressional Breakfast at the Washington meetings in February 1981. Attending were Senate and House Agricultural committees. This excellent session provided board members with opportunities to describe CAST's services to improve the nations public policy development process.—*J. W. Whaley*

Report of the Liaison Representative to the International Society of Arboriculture. The International Society of Arboriculture held its 1981 annual convention August 9-12 at Boyne Falls, MI. Several APS plant pathologists presented invited papers at this meeting. The ISA is scheduled to hold its next annual meeting in Louisville, KY, August 8-12, 1982. For the consideration of the APS officers in planning future APS annual meeting dates, the schedule of future ISA meetings is as follows:

1983 - August 14-18, Indianapolis, IN

1984 - August 12-16, Quebec City, Canada

1985 - August 18-22, Milwaukee, WI

If conflicting dates can be avoided, several APS members would be able to attend both meetings.

The ISA recently funded 10 grants of \$1,000 each, of which six were for projects related to infectious or noninfectious disease problems of urban trees.

Each of the 18 ISA chapters holds annual winter meetings and workshops throughout the United States and Canada, and plant pathologists are encouraged to attend and participate in their educational programs.

Contributed and invited papers are presented at each of these 1- or 2-day meetings.—*E. B. Himelick*

Report of the U.S. Delegation to the Council of the International Society of Plant Pathology. Members of the delegation, certain ISPP committee chairpersons and members, and other interested individuals met on August 28, 1980, during the 72nd annual meeting of APS at Minneapolis. Plans for the Fourth International Congress of Plant Pathology, to be held in Melbourne, Australia, August 17-24, 1983, were discussed and suggestions for the program made. Of particular concern was the lack of programming for postharvest pathology, seed pathology, and mycotoxicology. The former two subjects are now included as sections in the program and a pre-Congress symposium has been scheduled for the latter. Dr. J. C. Zadoks, Agricultural University, Wageningen, The Netherlands, and Chairman of the ISPP Committee on Disease Losses and Production Constraints, presented a proposal for the designation of an international "Food and Crop Loss Prevention Year" in 1985. Although the delegation took no formal action, it was supportive of the proposal. Informal reports were presented by the committees for Chemical Control (Eckert), Book and Journal Exchange (T. Kommedahl) and ISPP symposia and workshops scheduled for 1980-1981.—*J. F. Tammen*

Report of APS Liaison on Recombinant DNA. The past year has seen a tremendous increase in application of recombinant DNA research to medicine and agriculture and a proliferation of industrial firms with emphasis on producing profitable products or organisms via recombinant DNA research. A report of the Office of Technology Assessment, "Impacts of Applied Genetics: Micro-Organisms, Plants, and Animals," appeared in May, and numerous other reports and conferences have addressed the topic. Surprisingly, rather little reference has been made in these assessments to the importance of molecular genetics to plant pathology. The tremendous potentials in our field have been recognized by few persons.

The NIH, through activities of the Office of Recombinant DNA and the Recombinant DNA Advisory Committee, continues to be the lead agency developing the Guidelines for Research Involving Recombinant DNA. Revised guidelines issued in November 1980 and again in July 1981 have relaxed and simplified doing recombination DNA research. Most experiments can be performed at low (PI) physical containment with only local review and registration. A subcommittee is currently addressing the status of the guidelines, with the possibility of reducing restrictions on recombinant DNA research even further. Such actions are based on the premise that recombinant DNA experiments and their applications pose no risk that is qualitatively different from risks associated with other procedures for handling living cells, viruses, and their products.—*S. A. Tolin*

REPORTS OF STANDING COMMITTEES

Society Internal Relations

Report of the Archives Committee. The committee deliberated on proposing a search for archival materials via a request to individuals, departments, and appropriate institutions for listings of documents and other materials of historical value to the society. A letter of request (and a list of those who might furnish materials) was prepared for mailing in early fall 1981. Inclusion of tape recordings of appropriate activities in APS is under consideration. A brief effort has been made to find out what materials are at APS headquarters. An offer has been made from CAST (Iowa State) to catalog and store our archives there. Recommendations on these items will be passed on to the Council by next year.—*B. Kennedy*

Report of the Awards and Honors Committee. After reviewing all nominations and conducting a preliminary vote by mail, the committee met at the University of Georgia on March 18 and 19, 1981, and recommended the following awards: eight Fellow, one Ruth Allen, five corecipients Lee M. Hutchins, and one CIBA-Geigy.

The "Call for Nominations" was modified slightly, primarily to distinguish between APS awards and awards administered by APS. Additional improvements were suggested for the future. Some further effort should be made to acquaint the membership with the procedures followed in selecting recipients of the awards and with the tight schedule imposed on the committee and Council in preparing the write-ups of the recipients, obtaining approval of the recipients, and submitting this material for publication at the annual meeting. The committee feels that the membership should be involved as much as possible and should have the primary responsibility for submitting adequate nominations. If the committee feels that worthy individuals may have been overlooked, it would prefer to seek nominators from the membership rather than to make the nominations itself.

Council should be aware that as the median age of Fellows decreases, it may become increasingly difficult to follow Council's recommendation that the total number of Fellows be held below 2% of the membership without reducing the number of Fellows elected annually far below the 0.25% of the membership indicated in the constitution.—*E. S. Luttrell*

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 primary responsibilities are the appointment of new committee members, reviewing committee activities, and the orientation of new committee chairmen and vice-chairmen.

There are currently 48 standing committees in APS, including 11 internal policies committees, 17 general policies committees, and 20 subject matter committees. In addition, the Committee on Committees is responsible for filling membership on special committees, of which there is currently one, the Committee on Private Practice.

At the midyear meeting, the Council voted to recommend to the membership, at the 1981 annual meeting of APS, that the Plant Disease Management Committee be dissolved, since its responsibilities can be included among those of the new Committee on Integrated Pest Management. At the 1980 annual meeting of APS, two new subject matter committees were approved: Integrated Pest Management and Plant Disease Compendium.

Approximately 480 different people are currently serving on APS committees. About 220 nominees were processed for the approximately 130 new appointments made for 1981-1982. Nominations were solicited from all department chairmen, all APS committee chairmen, and individual APS members via *Phytopathology News*. In addition, names submitted in 1979-1980 but not appointed were considered also. All new committee appointees, including new vice-chairmen, were contacted by letter to determine their willingness to serve. Where service was not possible, new appointments were made.

Except where inappropriate, an attempt is made to establish membership at about 12 persons per committee, with four members rotating off and four new members being added each year. Thus, the normal term of service is three years.

Completed committee rosters were forwarded to APS Headquarters and to the current (1980-81) and new (1981-82) committee chairmen in late June 1981.—*J. L. Lockwood*

Report of the Membership Committee. A letter was sent to all departments of plant pathology to request a listing of faculty, students, and technical staff. In addition, secretaries of the divisions were asked to provide membership lists for the divisions. The response was excellent. A comparison of these lists against the membership list for APS was made to determine nonmembers; a large number of nonmembers was identified. A direct appeal will be made to these individuals to encourage them to become members.

Promotion of APS membership via the membership information package developed for membership recruitment at divisional meetings was continued.—*R. L. Millar*

Report of the Necrology Committee. According to headquarter records and division secretary reports, the following members died since the last report: E. V. Abbott, I. J. Becnel, J. F. Hockey, C. S. Holton, G. O. Idosu, I. Ito, W. D. McClellan, W. J. Moller, T. E. Smith, W. H. Snell, R. B. Streets, S. A. Wingard, and S. Wortman.—*A. 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 1 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 1981 were: for vice-president, R. James Cook and John L. Lockwood; for councilor-at-large, Alois A. Bell and Don E. Mathre.—*R. L. Millar*

Report of the Placement Committee. The Placement Committee continues to support activities of the Placement Service and to seek ways to publicize this service. A brochure was developed and printed. The brochure, "You Choose Your Staff Wisely," explains what plant pathologists do and where they may be used in industry, government, and education. During the past two years, mailing lists have been developed for this brochure. The lists include various potential classes of employers in North America and overseas.

Plans have been made for the Placement Committee to continue on a

biannual basis a survey questionnaire initiated by department heads. The questionnaire to industry and another to department heads will attempt to determine the supply of candidates and the demand for positions in various areas and specialties of plant pathology. Some of the same mailing lists developed for the brochure will be used for this mailing.

The Placement Service continues to provide a useful service, with letters of appreciation being received from satisfied candidates and employers. In the last 10 years, the Placement Service has served 980 candidates and 904 employers. The trend from 1 July 1980 to 30 June 1981 indicates some excess candidates over positions as the Placement Service served 169 new candidates and processed 130 new employer registrations.—*H. A. Lamey*

Report of the Site Selection Committee. Council asked the 1982 Site Selection Committee to gather more information before a final decision is made for meetings after 1984.—*R. E. Ford*

Society General Policies

Report of the Committee on Collections. Final drafting of a report of the first National Work Conference on Microbial Collections of Major Importance to Agriculture was completed and sent to the APS headquarters for publication. Copies have been distributed to all members. The committee agreed that it would be useful to bring more attention to APS members of the U.S. national plant germ plasm system. S. Dietz agreed to write a feature article for *PLANT DISEASE* on the subject. Under consideration for further involvement by the committee are the development of visual documentation focusing on the importance of collections to APS and the production of a methods manual containing details for development and maintenance of working collections of plant pathogens. The committee is also considering ways of contributing to the 75th anniversary program.—*P. Williams*

Report of the Extension Committee. The committee met on August 3, 1981, from 6 to 8 p.m. The meeting was spirited and did not last long enough. The general feeling of the committee is that more time should be allotted for meetings.

Programs sponsored at the annual meeting were discussed. The committee felt that the 1981 extension breakfast was well attended (78 tickets sold) and the presidential address was well received. The committee voted to continue this event next year.

The discussion session on plant pathologists and youth programs was a great success. Walker Miller from Clemson did an excellent job of organizing this session. The discussion session on diagnosis was also very well attended; the speakers all were excellent.

The Extension/Industry banquet was well attended and all enjoyed the trip to the plantation.

Plans for the 1982 annual meeting and the 1983 Diamond Jubilee meetings were discussed. Two discussion sessions were voted on and accepted for committee sponsorship. These were: 1) preparation and use of disease management extension educational materials and 2) using new technology in the extension delivery system.

The extension committee has volunteered to assist in two symposia on control and one on education at the Diamond Jubilee meeting.

Two subcommittees were established, one on plant disease diagnostic techniques and one on plant pathology youth programs. The subcommittee on plant disease diagnostic techniques is to develop a plan for and study the feasibility of producing a diagnostic techniques book similar to the new APS bacteriology manual. This subcommittee consists of G. W. Simone (University of Florida), M. C. Hirrel (University of Illinois), G. E. Ruhl (Purdue University), and B. J. Jacobsen (University of Illinois).

The subcommittee on youth programs is to develop a national reference of plant pathology 4-H projects and develop a philosophy for youth projects in plant pathology. This subcommittee consists of Walker Miller (Clemson University), G. E. Ruhl (Purdue University), Billy Moore (Mississippi State University), H. W. Kirby (University of Illinois), and G. W. Simone (University of Florida).

Charles Averre (North Carolina State) was selected as chairman for the 1981-1982 APS year.—*B. J. Jacobsen*

Report of the Committee on Illustrations of Plant Pathogens and Diseases. The syllabus for the new profile on cedar-apple rust was completed and is being reviewed. The new profile on dwarf mistletoes has been completed and reviewed. The syllabus to accompany this profile is currently being reviewed. A profile on *Helminthosporium* diseases is being drafted.

Five slide sets with appropriate syllabi are being compiled: Diseases of Sorghum, Diseases of Greenhouse Flowers, Diseases of Sunflowers, Air Pollution Damage to Vegetation, and Diseases of Forage Crops.—*W. Merrill*

Report of the Industry Committee. The Industry Committee sponsored a discussion session in New Orleans titled "New Products and Services." The purpose of the session was to give those in industry an opportunity to describe and briefly discuss new, commercially available products and services of interest to APS members. It is hoped that such a session will become a part of future APS annual meetings.

The Industry Committee again cosponsored with the Extension Committee an evening social event held August 4. The social was a trip to the historic Destrahan Plantation outside of New Orleans and included bus transportation, a tour of the plantation and grounds, a Cajun-style dinner, and a Dixieland Band. Several companies donated money to help defray the costs of the social.

The committee also sponsored a discussion session entitled "The Plant Pathologist in Industry: Roles and Opportunities." The purpose was to more fully acquaint APS members with the types of jobs in industry and to indicate opportunities available in the private sector. Speakers were Gordon Brandes (industry overview), Charlie Delp (chemicals), Mike Turner (seeds), Harry Morton (trees), Susan Schenck (tropical agriculture), and A. Donnon, Jr. (ornamentals), with R. H. Morrison presiding.—*R. H. Morrison*

Report of the International Cooperation Committee. At the meeting in New Orleans, Howard Waterworth discussed plans for the Diamond Jubilee meeting in 1983 and requested the committee to inform him of potential topics and speakers before the 1982 meetings. Jose Amador was named Co-Vice-Chairman, 1981-1982, and is to assume responsibility for organizing a symposium on international cooperation for the 1983 meeting. The committee will seek the support of the Tropical Plant Pathology, Collections and Germ Plasm, and Seed Pathology committees as cosponsors of a symposium on international cooperation. Several potential formats and topics were discussed. A final proposal will be developed by the committee through correspondence before the 1982 meetings.

The committee further discussed the possibilities of developing a directory of plant pathologists interested or active in plant pathology in foreign countries. Likewise it was concluded the committee should explore the possibility of establishing and making available to the society a list of job opportunities and potential areas of international cooperation. These two items will be discussed in detail at the 1982 meetings.—*P. Crill*

Report of the New Fungicide and Nematicide Data Committee. The main function of the committee is to publish and distribute (sell) annually the publication, "Fungicide and Nematicide Tests." In April 1981, 1,800 copies of Volume 36 of "Fungicide and Nematicide Tests" were published at a cost of \$4,653.13. Volume 36 contains 379 articles and 230 pages.

All new book orders and transactions should be referred to the new business manager: Richard Stuckey, Department of Plant Pathology, University of Kentucky, Lexington, KY 40506. Art Engelhard, University of Florida, Bradenton, was the previous business manager.

Another function of this committee was developing the book "Methods for Evaluating Plant Fungicides, Nematicides, and Bactericides," sold by APS headquarters. The book was sold out by December 1980, but 2,000 more copies were printed. A committee composed of Charles Averre, Bill Nesmith, and Art Engelhard (*ex officio*) and chaired by Ken Hickey is planning a successor to the above volume.

The editorial staff, through Editor Bill Nesmith, was asked by the Council and PLANT DISEASE Editor, Malcolm Shurtleff, to write a monthly column on new developments in chemical disease control. This project is in the planning stage.

The "Fungicide and Nematicide Tests" publication is financially sound with a cash balance of \$18,892.04 as of July 15, 1981, according to Business Manager Art Engelhard. The financial objectives of the publication include keeping the price of the publication low so it is available to a large audience, maintaining sufficient cash (\$12,000) to pay for the new issue, and having enough extra cash to pay for equipment needs and emergencies. These objectives currently are being met.—*A. Engelhard*

Report of the Phytopathological Classics Committee. Phytopathological Classic No. 13, entitled "The Fischer-Smith Controversy: Are There Bacterial Diseases of Plants," translated and prepared by C. L. Campbell, was published in 1981.

During 1981, work continued on proposed Classic No. 14, which will deal with insects in relation to virus diseases and will contain selected works by Sukushi, Endo, and Storey. The preparation of Classic No. 14 is being coordinated by G. W. Bruehl and C. L. Campbell.

Several other classics have been proposed, but priority has not been established: 1) a translation of Julius Kuhn's textbook in plant pathology, 2) the 1889 paper "Beitrag zur Kenntniss der Verbreitung und der Bedeutung der Mykorrhizen" by Adalbert Schlicht (first definite report on VA mycorrhiza), 3) early work by Westerdijk, Spierenburg, Schwarz, Buisman, and Went on Dutch Elm Disease, 4) the 1857 nematology paper

by C. Davine on the seed gall nematodes of wheat, and 5) selected items from the works of N. A. Cobb.—*C. L. Campbell*

Report of the Committee on Phytopathological Monographs and Reviews. The committee met on August 24, 1980, in St. Paul, MN. The committee took pride in the publication and excellent acceptance of the monograph on *Phytophthora cinnamomi* by G. H. Zentmyer. The future role of the committee was discussed in view of the reluctance of APS to finance the publication of more monographs and of the publication of reviews elsewhere, notably in *Annual Review of Phytopathology*. It was suggested that the committee drop the word "Reviews" from its name and perhaps be combined into one committee with those of APS Compendia and APS Classics.

It was brought to the attention of the committee that supplies of some of the previous monographs had been depleted or were nearing depletion. Thus, it was proposed that Monographs No. 6, "Fusarium Wilt of Tomato," and No. 3, "Stalk Rot of Corn," be revised. R. D. Wilcoxson, who coauthored Monograph No. 3 with J. J. Christensen, agreed to revise the monograph by summer of 1983. None of three colleagues contacted were able to undertake the revision of Monograph No. 6.

The committee received an inquiry from Drs. Martha Roane and R. J. Stipes about the possibility of publishing a monograph on *Endothia*, which they have been writing, as an APS monograph. The committee is considering the request.—*G. N. Agrios*

Report of the Private Practice Committee. The committee meeting was held August 2, 1981, and the committee would like to make the following recommendations to the society:

- 1) That APS meetings be held periodically at some date later than August. This is to accommodate those involved in summer field work—private consultants, research workers, extension personnel, commercial representatives.
- 2) A column entitled "Consultants' Corner" be initiated in PLANT DISEASE for the purpose of portraying their growing role in crop production. The committee completed a survey of land grant colleges on outside consulting. In general, the policy is vague and allows outside consulting when university approval is obtained. A list is maintained and updated of plant pathologists in private practice; 36 private consultants are listed with the committee.
- 3) The committee recommends that the survey be repeated annually.—*R. S. Cox*

Report of the Public Relations Committee. Thanks are due to John Mitchell, J. B. Berbee, and J. A. De Zoetin for serving as APS judges at the 32nd International Science and Engineering Fair held in Milwaukee, WI, May 10-16, 1981. This year's winners were: first prize—Forrest Pielh of Keyer, WV; second prize—E. Lee Harris, Lamesa, TX; third prize—Andre Pilevsky, Brooklyn, NY; fourth prize—Karen Schmitz, Pleasant View, UT. The recipients were given a certificate and a check. The Science Fair is a great opportunity to create an awareness of the science of plant pathology among the young, and the Public Relations Committee would like to encourage all APS members to be active in their communities in encouraging high school science teachers and youths in developing plant pathology entries. The committee recommended to Council that they consider the giving of a subscription to PLANT DISEASE and/or PHYTOPATHOLOGY for one year to the respective school libraries in the name of Science Fair winners in addition to the current monetary award.

APS was well represented by a fine display at the FFA National Agricultural Career Show held in Kansas City, MO, November 11-14, 1980, thanks to Einer Palm, Tom Wyllie, and associates. This event is held annually and is attended by approximately 20,000 young people. Plans have been made for continued representation of the society at the 1981 Career Show, November 11-13. However, the \$258 budgeted by the Council for this activity is inadequate to cover the costs of setting up a booth, travel, and lodging for the persons who must do the work. Thus, the committee recommended to Council that funding for the Career Show representation be increased to at least \$700. Dr. Palm has again graciously agreed to be responsible for the 1981 display.

The APS Career Brochure revision was completed during the year and copies are available at APS Headquarters.

Council has withdrawn funding from the Public Relations Committee for press room activities. Any press room activities deemed necessary in the future are to be funded through the local arrangements committee. The committee recommended to Council that a standard procedure be established wherein authors will be requested at the time of the call for annual meeting abstracts to submit an interpretative summary to APS Headquarters for those papers considered newsworthy. Further, it was suggested that these summaries be released by Headquarters personnel to news organizations in the area where the researchers work without further editing.

Several ideas are under consideration by the committee, including: 1) mechanisms for getting fundamental plant pathology information into basic science books read by high school students; 2) the need for the committee to design, put together and submit to each state a Plant Pathology Disease Information packet for use during state FFA judging, competitions, and contests; and 3) a commemorative stamp for the 75th anniversary. Any suggestions would be appreciated.—*C. H. Graves, Jr.*

Report of the Public Responsibilities Committee. The committee sponsored a panel session entitled "Plant Pathology and Public Responsibility" at the 1980 APS annual meeting in Minneapolis. This was the committee's first annual meeting program effort. Participants on the panel were James Tammen, James Kendrick, and John Fulkerson. Views on public responsibilities from the perspective of the individual, the agricultural research community, and agricultural colleges were presented and discussed. Approximately 40 people attended the session and many participated in the discussion. Similar program events should be considered for future annual meetings. The committee did not receive any items for consideration from the Council during the past year.—*D. F. Bateman*

Report of the Regulatory Work and Foreign Plant Diseases Committee. The committee met during the annual meeting in Minneapolis, MN, August 25, 1980. Discussions centered around the recent observations of *Bursaphelenchus zylophilus (lignicolus)* in the United States and the concern that it could reach epidemic proportions as in Japan. Subsequent investigations have revealed that this nematode is native to the United States and is probably limited in the damage it will do because of hosts and vectors.

Concerns regarding the mandatory fungicidal treatment of soybean seed imported from areas where soybean rust, *Phakopsora pachyrhizi*, occurs were presented to the committee. It was requested that APHIS, PPQ determine that the mandated treatment was both effective and necessary and that no better alternative existed.

Plans were made to develop a series of feature articles for PLANT DISEASE that discuss the many varied activities of Plant Quarantine. Robert Kahn has coordinated this activity with PLANT DISEASE, and some of these articles should appear shortly.—*N. A. Lapp*

Report of the Committee on Standardization of Common Names of Plant Diseases. Collators have agreed to work on 39 different crops lists. Of these 39 lists, 21 have been submitted and/or published for review in *Phytopathology News*. Six of the 21 (beet, caneberry, pear, potato, wheat, and onion) were submitted during the past year. Another five lists are receiving committee review and will be published in the near future. The committee has not received lists from eight collators, only four of whom had agreed to the assignment during the past year. Letters will be sent to these collators to determine if they are still interested in the project. At the next meeting of the society, the committee plans to ask the society to publish the lists that are complete at that time.—*R. P. Covey*.

Report of APS Teaching Committee. At the 1981 annual meeting, the committee (with the Extension Committee) sponsored a discussion session on "Plant Pathologists and Youth Programs." Teach-ins on the subjects of "Teaching Diagnosis of Plant Disease," "Diagnosis of Air Pollution Damage to Crops, Ornamentals and Forest Species," and "Instrumentation in Biometerology and Epidemiology" were cosponsored with the Extension, Pollution Effects on Plants, and Epidemiology committees, respectively.

The teaching slide salon featured slide sets on the subject of instrumentation in biometerology and epidemiology. Slide sets were again made available to the membership by order forms to be processed by Cornell University Photo Services.

Plans for the slide salon and teach-ins at the 1982 annual meeting were developed. Further plans were discussed and formulated for a teaching workshop to be held immediately before the 1983 annual meeting at Iowa State University.—*R. B. Carroll*

Subject Matter

Report of the Bacteriology Committee. At the 1981 annual meeting, the Bacteriology Committee sponsored three discussion sessions. In addition, 61 contributed papers were scheduled for five bacterial disease sessions. A discussion session on pseudomonads, organized by D. C. Sands, elicited considerable interest and resulted in more than double the anticipated number of attendees. A discussion session on bacterial cell surface components in plant-bacteria associations, organized by A. K. Chatterjee, also required enlarging the meeting room to accommodate those interested in the session. The third discussion session on fastidious prokaryotes as plant pathogens, organized by R. E. Davis, was also well attended; it focused attention on a group of plant pathogens that were virtually

unknown a decade ago.

The Bacteriology Committee met on August 3, 1981. N. W. Schaad announced that the first printing of the APS "Laboratory Guide for Identification of Plant Pathogenic Bacteria" had been sold out. A second printing (with errors corrected) is planned. The committee endorsed the idea of preparing a substantial revision of the Guide in the near future. The chairman was asked to solicit suggestions for bacteriological program topics for the 1982 and 1983 annual meetings. R. E. Davis reported that the Subcommittee on Fastidious Prokaryotes (M. Davis, R. E. Davis, A. L. Jones, J. W. Klopper, R. E. McCoy) has been active. A report was received from R. S. Dickey regarding plans for the Bacteriology Section of the 4th International Plant Pathology Congress to be held in 1983, in Melbourne, Australia.

The committee moved to invite the Bacteriology Section of the International Society of Plant Pathology to hold the 6th International Conference on Plant Pathogenic Bacteria in the Beltsville, MD, area. A draft resolution was received by the committee from C. Leben and S. V. Beer, that calls for the development of new bactericides. The chairman was asked to appoint a subcommittee to perfect the resolution before transmitting it to APS Council. Several persons were nominated for membership on the committee. Their names will be submitted to the Committee on Committees for consideration. S. Lindow was elected vice-chairman of the Bacteriology Committee for 1983-1984.—*S. V. Beer*

Report of the Biological Control Committee. The committee sponsored a poster session and a contributed paper session at the 1980 annual meeting in Minneapolis. The Biological Control committee met during the annual meeting and discussed a number of items including an announcement of efforts being made by Merritt Nelson to bring together a panel to discuss long-term strategies for biocontrol research, an announcement of a conference on Biological control of weeds subsequently held at Little Rock, AR, and the proposed EPA Guidelines for Biorational Pesticides. Ralph Baker was asked to contact Dr. Martin Alexander about the committee's concerns on input into this document before the regulations are finalized. The committee also decided to sponsor a symposium in conjunction with the Soil Microbiology and Root Disease Committee on Suppressive Soils for the 1981 annual meeting in New Orleans. The request for this symposium was approved by the Program Committee. In other business, the committee agreed to contact Jack Lewis to serve as a member of the proposed Genetic Engineering Committee. The Biological Control Committee remained undecided about the formation or function of a proposed Integrated Pest Management Committee.—*D. O. TeBeest*

Report of the Chemical Control Committee. The committee met during the annual meeting in Minneapolis.

Suggestions were requested and discussed for a process of nominating a vice-chairman. It was decided that K. D. Hickey would call for nominations from the membership and return a ballot or count nominations.

Priorities for research needs requested by the APS Council were discussed. Most of the responses to the request for suggestions could be grouped into the general categories of: 1) crop loss assessment and IPM and 2) minor use pesticides and alternatives to RPAR chemicals.

The future of the Plant Disease Coordinating Committee was discussed. It was suggested that the activities of the committee be observed before it is dissolved.

In the discussion of the proposal by Browning for Symposium 1981 SYAES (Sustainable yield agro-eco systems at home and abroad), it was generally agreed that this topic is too broad, and an alternative subject title "Role of disease management for sustained yields" was suggested.

The 1981 discussion session proposals included "Control of diseases of ornamentals and turf by new fungicides" (to be cosponsored with the ornamentals committee) and "Potential for development of resistance to sterol-inhibiting fungicides."

The recommendations by the chemical control subcommittee in their report entitled "Contemporary Control of Plant Diseases with Chemicals" should be publicized.—*K. S. Yoder*

Report of the Disease and Pathogen Physiology Committee. The committee agreed to cosponsor a discussion session with the Bacteriology Committee during the 1982 meeting. The title of the discussion was not agreed upon, but the subject matter will be the current status and future development of host-pathogen recognition systems. The committee also agreed to ask for cosponsorship of a symposium with the Genetics Committee in 1984. This symposium will be entitled "Genetic Basis for Studies of Biochemical Mechanisms of Disease." Committee members were asked to suggest titles and speakers to participate in the symposia planned for the Diamond Jubilee program.—*C. P. Vance*

Report of the Epidemiology Committee. The Epidemiology Committee met on 2 August 1981 during the joint meeting of APS and the Southern

Division of APS in New Orleans. At the meeting, L. Madden volunteered to pursue the possible publication of epidemiological papers that have appeared in the *Annual Review of Phytopathology*. Similar volumes on other topics have been compiled by Annual Reviews, Inc., at a modest cost. Most of the discussion was directed at program participation for the 1982 meeting and the somewhat confusing program involvement expected at the APS Diamond Jubilee meeting in 1983. The long-standing request by the Epidemiology Committee with the APS Program Committee to sponsor a symposium was discussed. As a result, a symposium on crop loss assessment will be cosponsored in 1982 with the Crop Loss Committee. L. Madden, D. R. MacKenzie, and R. Line are to assist S. Pennypacker (chairman, Crop Loss Committee) in the active planning of the program. Committee members were urged to consider the many possible areas of program involvement (speakers, topics) for the 1983 meeting. At the 1981 meeting in New Orleans, the committee cosponsored with the Teaching Committee a teach-in on Instrumentation in Epidemiology. This teach-in was well received by the 100 members in attendance.—*R. D. Berger*

Report of the Forest Pathology Committee. The committee met on 26 August 1980 in Minneapolis, MN, during the APS national meeting.

The committee nominated Sam Alexander to become vice-chairman of the committee for 1982.

Most of the committee's business dealt with plans for the 1981 meeting in New Orleans. The committee discussed the desirability of arranging a field trip to be held immediately before the New Orleans meeting. Francis McCrackin conveyed an offer from Ted Filer to organize either a one- or two-day field trip. The members present voted unanimously for a two-day trip. The trip will begin 31 July and include a wide range of soft- and hardwood disease problems being investigated.

A suggestion from the Committee on Diseases of Ornamental Plants and Turf Grasses to jointly sponsor a discussion session on nematodes of woody plants was discussed and accepted unanimously by the committee. Jack Sutherland agreed to help organize the session. Participants include: George Hudler, Jack Sutherland, J. M. McGuire, E. Kondo, J. Walker, and E. I. Zehr.

Sande McNabb proposed that a symposium commemorating the 100th anniversary of the first forest pathology course be organized for the Diamond Jubilee meeting in Ames, IA, in 1983. The committee discussed the question and voted unanimously to support McNabb's proposal. McNabb agreed to pursue it on behalf of the committee.—*J. E. Elliston*

Report of the Genetics Committee. The committee decided to request continuation of the Genetics Section of the Contributed Paper Sessions in future meetings in addition to the traditional Disease Resistance Section and to request a poster session for Genetics again this year.

Discussion of the possibility of a teach-in on "Teaching of Genetics in Plant Pathology Graduate Programs" was tabled until Jim Groth could be contacted to determine how far his plans had developed. If it is not possible to organize the teach-in for the 1981 meeting, it could be planned for 1982.

Discussion of a possible symposium on "Genetic Aspects of Breeding for Resistance to Soilborne Pathogens" was tabled until Gurmel Sidhu could be contacted. He has made initial contacts with the Soil Microbiology and Nematology committees to consider joint sponsorship for the symposium in 1982.

J. V. Leary agreed to organize a discussion session on "Techniques Needed and Problems Involved in Evaluating Chemicals as Mutagens" for the 1981 APS meeting.

The topic of Genetic Engineering was suggested for a symposium or discussion session in 1983 or 1984.

The Disease and Pathogen Physiology Committee has asked whether the Genetics Committee would be interested in cosponsoring a symposium on "Genetic Basis for Studies of Biochemical Mechanisms of Disease" in 1983. No decision was made.

Possible publication of manuscripts from the 1978 teach-in on "Genetics of Phytopathogenic Bacteria" will be pursued. The manuscripts are in camera-ready form, but some revisions would probably be needed to bring them up to date. J. V. Leary will check with Jim Groth and/or Thor Kommedahl to see if APS will publish the collected manuscripts.

The idea of using the topic of Sustainable-Yield-Agro-Ecosystems as a theme for the 1981 or 1983 APS meetings was discussed. Some merit was seen in using the topic as the basis for a symposium (rather than as a theme for a whole meeting), but the idea would need more work to develop it. The committee felt that it would be good to have outside speakers (agronomists, soil scientists, etc.) present their views on SYAE. The contribution that the Genetics Committee could make to such a topic did not appear clear.

The committee recommended that D. Coplin and C. I. Kado be suggested for membership on the new Genetic Engineering Committee.

Committee members were asked to suggest topics and authors for future contributions to the *Annual Review of Phytopathology*. Committee members were asked to continue annual suggestions of research priorities in

the area of genetics as it relates to plant pathology. A list of four or five items will be transmitted to the APS Council for their consideration in recommending research priorities for USDA, SEA funding either through SEA, AR or SEA, CR.

Dr. Fulbright reported no progress on a pilot study of the feasibility of developing a compilation of the use of resistance to diseases in major crops, but he is interested in continuing his efforts.

J. D. Miller was selected for vice-chairman starting in 1982.—*J. V. Leary*

Report of the Integrated Pest Management Committee. The committee cosponsored a special IPM colloquium, "Integrating Research in the Management of Crop Pests," with the Consortium for Integrated Pest Management and also sponsored a discussion session, "Curricula and Careers in Integrated Pest Management."—*B. C. Haning*

Report of the Mycology Committee. The Mycology Committee cosponsored (with the Mycorrhizae Committee) the symposium entitled "Aspects of VA Mycorrhizae in Plant Disease Research" presented at the 1981 annual meeting. The committee discussed topics for future meetings and agreed to request approval for a discussion and workshop on various aspects of the nomenclature and taxonomic concepts of plant pathogenic fungi for the joint APS/MSA meeting in 1983. The Mycological Society of America (MSA) has agreed to cosponsor this symposium if it is approved. This request may have to be deferred due to the overall theme adopted for the 1983 meeting. Other topics suggested for future consideration are *Fusarium* taxonomy, protoplast fusion and protein identification, and the use of fluorescent techniques in host pathogen studies. It was also recommended that closer ties be maintained with MSA and that the two societies try to meet together more frequently.—*R. T. Hanlin*

Report of the Committee on Mycorrhizae. Plans for a symposium entitled "Aspects of VA Mycorrhizae in Plant Disease Research" were completed, and additional funds were raised from commercial sources by Stan Nemeč and Lanny Rhodes to underwrite the expenses of three speakers, two from outside the United States. A suggested symposium title and speakers were submitted to the APS Diamond Jubilee Program Organizing Committee for the 1983 APS meeting. Lanny Rhodes submitted a paper by Adalbert Schlicht, "Beitrag zur Kenntniss der Verbreitung und der Bedeutung der Mykorrhizen" (1889) as a paper to be considered as a Phytopathological Classic by the Phytopathological Classics Committee. The APS Council has approved the publication of a manual covering the methodology involved with ecto- and endomycorrhizae. The chapters and authors have been determined, and the publication (approximately 250 pages) is set for spring of 1982. A teach-in or discussion session is planned for the 1982 APS meeting by the Committee on Mycorrhizae. Efforts were continued to establish a central culture collection for mycorrhizal fungi by the committee. Locations considered thus far are Oregon State University and the University of Florida.—*N. C. Schenck*

Report of the Committee on Plant Disease Losses. We were pleased to learn that the scientific community placed top priority on obtaining crop loss information in a recent survey. One meeting that should receive note was the workshop and fourth annual meeting of the Western Regional Coordinating Committee for Developing, Implementing and Coordinating Research on Crop Loss Appraisals held in Spokane, WA, 10 and 11 March, 1981.

Our committee meeting in August 1980 had only four members attending, so our agenda could not be fully discussed. Our program for the teach-in for 1981 was not selected by the Committee on Teaching so we are requesting it for the 1982 meeting. For the APS Diamond Jubilee in 1983, plans are to participate in the symposia.—*J. M. Ogawa*

Report of the Plant Nematology Committee. The annual meeting of the Plant Nematology Committee was held at the 1980 APS annual meeting, with G. S. Santo presiding. The main topic of discussion was J. A. Browning's proposal to have "Sustained Yield Agroecosystems" as the theme for the 1981 APS meeting in New Orleans; the committee voted to support the Browning proposal. Discussions were also conducted on the feasibility of interacting with one of the other APS subject matter committees for the purpose of sponsoring a joint symposium for the Diamond Jubilee celebration in 1983. Action was delayed until 1981.

The Plant Nematology and Genetics committees are completing plans for a symposium on "Genetic Aspects of Breeding for Resistance to Soilborne Organisms." It is anticipated that the symposium will be approved for 1982; G. S. Sidhu has assumed primary responsibility for organizing the symposium.

Contact has been made with representatives of the Society of Nematologists for the purpose of working together in planning activities for the Diamond Jubilee and defining areas of responsibility. The committee and SON representatives selected M. McKinery to author a chapter dealing

with nematology for the volume "Challenging Problems in Plant Health," to be published in conjunction with the Diamond Jubilee celebration.—*J. L. Starr*

Report of the Plant Virology Committee. The committee held its annual meeting on August 24, 1980, at the APS meeting in Minneapolis, MN. The annual problem of overlap or of coincidence between poster and contributed paper sessions was discussed. For this meeting the Program Committee provided an acceptable solution by extending the length of the poster sessions. This is a problem that should be addressed by the Program Committee. Various subcommittee reports were received. The Seed Bank Subcommittee (R. Hampton) indicated that the National Seed Storage Laboratory, Fort Collins, CO, would continue to maintain the plant virus indicator collection. The Plant Virus and Antiserum Collection Subcommittee (H. Waterworth) indicated that E. Halk has joined the ATCC permanent staff and is concentrating on ILAR virus purification and ELISA methodology. About 12 new viruses and antisera were accessioned. The Plant Virus Disease Information Subcommittee (Barnett) reported that the original supply (128 copies) of the Grapevine Virus and Virus-like Disease slide set has been exhausted. Another 115 copies are being printed. The status of other slide sets was discussed. R. Stace-Smith reported on communications concerning CMI/AAB Plant Virus Descriptions and asked for suggestions on new or revised descriptions. The need for virology feature articles in *PLANT DISEASE* was discussed. Programs for future meetings, especially symposia and cosponsorship with other committees were discussed. This would increase interest, participation, and cost effectiveness.—*C. L. Niblett*

Report of the Pollution Effects on Plants Committee. The committee met August 27, 1980, during the annual meeting, with J. M. Skelly presiding. Following a discussion and resolution of old business items, it was proposed the 1980-1981 committee and the Teaching Committee cosponsor a short teach-in session on the "Diagnosis of Air Pollution Damage to Crops, Ornamentals and Forest Species" at the 1981 New Orleans meetings, with C. R. Curtis as organizer. This activity was subsequently approved by the Pollution Effects on Plants Committee, the Teaching Committee, and the APS program chairman. Subjects included 1) bioindicators of air pollution, 2) oxidant injury, 3) sulfur dioxide injury, and 4) acid rain and selected minor pollutants. Recommended reference materials and suggested methods of teaching these subjects were covered during the teach-in at New Orleans by W. J. Manning, J. M. Skelly, D. D. Davis, and C. Anderson. Overall attendance and interest was high. In addition, a contributed paper session was proposed and approved for the New Orleans meeting. J. A. Laurence agreed to arrange for inclusion of a note on the paper session in the 1981 Air Pollution Workshop meeting notice.

During the year, the committee members were contacted for topics and suggested authors for the *Annual Review of Phytopathology*. Also, suggested titles for the 1983 Diamond Jubilee meeting were solicited from members, and future plans for the 1982 and 1983 meetings were discussed in New Orleans.—*C. R. Curtis*

Report of the Postharvest Pathology and Mycotoxicology Committee. The committee met during the 1980 APS meeting in Minneapolis, MN, with Eldon Brown presiding. C. J. Mirocha discussed plans for the 1983 ISPP meeting in Australia and requested suggestions for symposium topics in the area of mycotoxicology. He also invited the committee to visit his research facilities. George Bean was appointed as this committee's liaison to the ISPP committee on mycotoxicology and was voted in to succeed as chairman of this APS committee after the 1982 meeting. Plans for future meetings were discussed and it was voted to continue seeking approval of a symposium, "Deterioration Mechanisms in Seeds," to be cosponsored with the Seed Pathology Committee at the 1981 meeting. Activities at the 1980 meeting included sponsorship of a discussion session "Postharvest Losses of Vegetable and Fruit Crops," chaired by G. E. Brown, cosponsorship of a discussion session "Mycotoxins," chaired by C. J. Mirocha, and a teach-in on postharvest pathology moderated by H. E. Moline.—*J. M. Halloin*

Report of the Seed Pathology Committee. The Seed Pathology Committee met on August 2, 1981 in New Orleans. Future committee activities discussed included a workshop on detection of seedborne viruses for the 1982 meeting, symposia for the 1983 meeting, and tours of seed technology facilities in central Iowa in conjunction with the 1983 meeting.

R. L. Gabrielson, Washington State University, reported on the 17th International Workshop on Seed Pathology in Zurich in 1981, sponsored by the International Seed Testing Association. This group plans to hold a seed health testing training session in Poland in 1983. Their next scheduled workshop will be in Puyallup, WA, in 1984. It was suggested that the new ISTA handbook on detection of seedborne diseases be brought to the attention of seed pathologists in North America.

A report was made on the survey of the current status of seed health

testing in North America carried out by this committee in 1980. D. C. McGee indicated that the Association of Official Seed Analysts (AOSA) seed pathology subcommittee planned to conduct a similar, though more extensive, survey. He also indicated that the APS and AOSA seed pathology committees would maintain a liaison on matters of mutual interest.

J. B. Sinclair reported on the plans being made for the Seed Pathology section at the Fourth International Plant Pathology Congress in Melbourne in 1983. Suggestions were sought from the committee on topics and speakers for the sessions.—*D. C. McGee*

Report of the Soil Microbiology and Root Disease Committee. At the 1980 meeting, the committee sponsored or cosponsored a discussion session entitled "Techniques for Studying Soilborne Fungal Diseases" moderated by R. D. Lumsden with participation by P. E. Nelson, A. A. Bell, D. M. Porter, G. C. Papavizas, J. L. Lockwood, and P. H. Tsao; a poster session cosponsored with Bacteriology, Disease and Pathogen Physiology, and Genetics; and three paper sessions with a total of 52 abstracts.

At the 1981 meeting, the committee sponsored or cosponsored a symposium entitled "Nature of Soils Suppressive to Soilborne Plant Disease" chaired by R. W. Schneider with participation by D. M. Huber, S. D. Lyda, A. D. Rovira, R. Baker, I. Chet, and R. J. Cook; a special topic 20-minute paper session entitled "Soil Physical/Chemical and Nutrient Interactions in Soilborne Disease" with six abstracts; a poster session cosponsored with Genetics, Plant Disease Losses, Plant Virology, and Post Harvest Pathology and Mycotoxicology; and two paper sessions with a total of 25 abstracts.

The committee agreed on the following USDA-SEA priority research needs: yield loss evaluations for soilborne plant pathogens; biological, physical, and chemical interactions involved with soilborne plant pathogens; and assimilate partitioning as affected by plant disease.

Symposium topics under consideration for future meetings include physiology of roots in relation to disease, integrated control of soilborne plant pathogens, and breeding for resistance to soilborne plant pathogens.—*R. W. Schneider*

Report of the Tropical Plant Pathology Committee. The committee met in Minneapolis and discussed plans for the 1981 and 1982 APS meetings, new problems in tropical plant pathology, and potential committee members. The discussion session held at the Minneapolis meeting covered various new developments in tropical plant pathology, including sugarcane smut and rust, tropical corn diseases, and lethal yellowing of palms.

Another discussion session, planned for the New Orleans meeting, emphasized diseases of tropical crops in that part of the United States, as well as in neighboring Central America. Diseases covered were sugarcane smut and rust, ratoon stunting of sugarcane, sugarcane mosaic, rice diseases (with emphasis on tissue culture for developing resistance, and chemical control), and coffee rust, which is spreading rapidly in Central America. Tentative plans for the 1982 meeting in Salt Lake were discussed at a meeting of the committee in New Orleans, and discussion was held of the possible role of the committee in the program being developed for the 75th anniversary meeting in Iowa in 1983.—*G. A. Zenmyer*

REPORTS OF AD HOC COMMITTEES

Report of the Ad Hoc Committee on APS Constitution Revision. This committee concluded its activities with presentation and acceptance of the proposed constitution revision at the 1981 business meeting.—*A. K. Vidaver*

Report of the Ad Hoc Committee on Women in Plant Pathology. The committee met on August 2, 1981. In addition to committee members, approximately 30 interested people attended. The history of the committee and its activities were reviewed. Results of a survey conducted through *Phytopathology News* clearly indicated that many of the women responding were still new to the profession as graduate students (67 of 168). Of women working in plant pathology, the majority (79 of 101) were in their positions for less than five years. There was some discussion of the data and their interpretation.

The consensus was that the committee should request continuation by Council, possibly as a Special Committee.

Several projects were discussed. Continued and in-depth identification of women in APS was considered useful. A list would include areas of expertise and completion date (if working on a degree). A list of this nature would need to be continually updated. Such a list would aid department chairmen, search and selection committees, and APS Council in identifying qualified women for jobs, APS committees, or other assignments.

The committee also decided to revive the Women in Plant Pathology Social. This social gave women plant pathologists the opportunity to

interact with each other and with department chairmen.

Many other ideas and suggestions were discussed that could be dealt with in the future. This committee considers that its objective is to further clarify for the society the ongoing status of women.—*C. T. Stephens*

REPORTS OF SPECIAL COMMITTEES

Report of the Diamond Jubilee Program Organizing Committee. The committee met on November 13 and 14, 1980, to continue planning for the 1983 annual meeting of the APS, which will be held jointly with the Society of Nematology (SON) and the Mycological Society of America (MSA). The Organizing Committee was enlarged to include Drs. Alan Jaworski (MSA), J. R. Bloom (SON), and O. J. Dickerson (SON). The committee, including these new members, met to consider the more than 200 suggested symposia titles and speakers received from APS committees and from the response to the general announcement in *Phytopathology News*. All suggestions were considered in the development of the outline for the Diamond Jubilee volume entitled "Challenging Problems in Plant Health," being edited by Drs. T. Kommedahl and P. H. Williams. The authors for each of the chapters have been contacted by T. Kommedahl, and all authors have accepted the invitation to prepare a chapter and meet the necessary publication deadlines.

The Organizing Committee recognized that development of the symposia for the meeting can only be accomplished by active participation of the members of APS, SON and MSA. The representatives of SON and MSA on the Organizing Committee have accepted the responsibility of seeking suitable input from their societies' members. The Organizing Committee is suggesting the following mechanism to obtain participation of APS members:

All chairmen of APS committees are being mailed a list of the 22 areas suggested by the Organizing Committee for symposia to be presented at the 1983 meeting. We are requesting that each committee review the list of suggested symposia and determine the ones in which they wish to participate in the development of the subject matter and selection of speakers. It has been pointed out to the chapter authors that their selection as author does not necessarily mean they will receive an invitation to participate in the symposia. As a means of organizing the development of the symposia, the individual members of the Organizing Committee have agreed to accept responsibility for the coordination of development of specific symposia. We hope that individual APS committees will, at the 1981 annual meeting, select the symposia they wish to work on and contact the appropriate Organizing Committee members either before or during the meeting. The only symposium that is relatively fixed is the first one, which we hope to develop into a General Plenary Session.

These 22 suggested symposia are intended to provide a general theme during the 1983 meeting, but additional organized presentations such as discussion sessions, teach-ins, etc., that the individual committees wish to have included during the meetings are entirely between themselves and the 1983 Program Committee. The Organizing Committee is not intended as a replacement for the regular Program Committee but instead is responsible for the development of a general theme based on a series of symposia and the production of the Diamond Jubilee volume.—*S. H. Smith*

Report of the Long-Range Planning Committee. To implement the need to plan for the future, Council established the Long-Range Planning Committee after the 1980 annual meeting, under the chairmanship of P. H. Williams. The mission is to consider all aspects of APS operation and governance with a long-range view and to report periodically to Council and to the society. Before the midyear Council meeting, the committee developed the first five stages of a Strategic Planning Process and reported to Council. In New Orleans we worked through stage nine and presented the results to department heads and Council and in an editorial in *PLANT DISEASE*. The process has involved establishing a purpose for APS (to foster the science and practice of plant pathology), nine key issues, three or four scenarios for each key issue and creating strategies for each scenario. The process calls for identification of tactics (actions) required to accomplish each strategy and then the design and implementation of a long-range plan. This is a creative hard-working committee intent on providing Council and the society with useful information for making decisions.—*C. J. Delp*

Report on the Committee on Registration. Members of the Registration Committee were all provided with a copy of the Proposed Charter, Bylaws, and Code of Ethics written by the Ad Hoc Committee on the American Registry of Professional Plant Pathologists cochaired by Ed Lloyd and Houston Couch, plus a legal review of the document by APS counsel Albert D. Levin.

The committee was impressed with the care and thoroughness in the document. However, the current committee suggested several changes for consideration.

After Council review, the committee suggested that the amended Charter and Bylaws be published in *Phytopathology News* with a period allowed for comments.—*B. J. Jacobsen*

REPORTS OF DIVISION COUNCILORS

Report of the North Central Division Councilor. The 1981 annual meeting of the North Central Division of APS was held June 24–26 in Brookings, SD, where South Dakota State University was celebrating its 100th anniversary.

APS met together with the NC Region of the American Society of Agronomy. Division President Wayne S. Gardner and his colleagues hosted a well-organized and worthwhile meeting attended by 82 APS members, including 29 graduate students. Twenty-four papers were presented. In the student paper competition, M. C. Natti of Illinois received first prize of \$150, F. W. Nutter of North Dakota State University received second prize of \$100, and D. S. Marshall of Purdue University won third prize of \$50. Awards for the best papers were presented at a student breakfast, which was one of the highlights of the meeting. Students entering the research paper competition received a complementary breakfast.

In addition to the paper sessions, two excellent informal discussion sessions were held on the subjects of "Crop Virus Diseases" and on "Past, Present, and Future of the Development of Disease-Resistant Crops." Other highlights of the meeting were the keynote talks, "Listen to the Land by Prof. David Holden, and "One Buckboard and a Roan Horse" by R. A. Moore, Associate Experiment Station Director, an evening pig roast, tours of the Plant Science and Plant Pathology laboratories and field research areas.

At the annual meeting of the Division, members were greeted by APS Vice-President R. Ford. Richard Kiesling, North Dakota State University, was elected Divisional Councilor to replace Paul Williams, and James Groth, University of Minnesota, was elected secretary/treasurer replacing Glen Statler. Abraham Epstein, Iowa State University, was elected vice-president. Gayle Worf will become president in 1982. The NC Division will meet at the University of Wisconsin in Madison, June 17 and 18, 1982. A constitution review committee chaired by Stan Jensen, Nebraska, will work to update the Divisional Constitution. See *Phytopathology News* (15:100) for highlights of the meeting.—*P. H. Williams*

Report of the Northeastern Division Councilor. The Northeastern Division held its annual meeting November 5–7, 1980, hosted jointly by Cornell University and Boyce Thompson Institute at the Ramada Inn at Ithaca, NY. Approximately 250 were in attendance. The program included meetings of department heads and extension plant pathologists, a symposium on chemical pollution, a session on small grain diseases, and a discussion session on Verticillium wilt and related problems. Eighty-three contributed abstracts were presented in concurrent sessions.

The business session, chaired by President George Agrios, was addressed by APS President Wiley Garrett and Executive Vice-President Ray Tarleton. The 1981 meeting is scheduled for November 4–6 at Swan Lake, NY, to be hosted jointly by the universities of New Hampshire and Vermont.

The best student paper award in a field of 12 was won by N. E. DeVos of Pennsylvania State University for a paper titled "Diallel analysis of zone resistance in potato" coauthored by E. J. Pell, R. R. Hill, Jr., and R. H. Cole.

Carl Boothroyd was honored with the Division Award of Merit. The division held a most successful sale of APS books, publications, hats and T-shirts, raising more than \$1,000 for the society. Cornell students manned the sales counters for APS credits toward purchases.

New officers elected for 1981 were: F. L. Lukesic, president; W. A. Sinclair, vice-president; and William Manning, secretary-treasurer.—*R. J. Campana*

Report of the Pacific Division Councilor. The Pacific Division met on the Colorado State University campus in Fort Collins June 22–25, 1981. Approximately 120 were in attendance. The program, in addition to regular paper sessions, was organized by R. R. Baker. It was highlighted by three symposia. Anne Vidaver chaired a session on "What every plant pathologist should know about genetic mechanisms of plant pathogens" with papers by A. Chatterjee, B. Staskawicz, and D. Merlo. Milt Schroth chaired a session on "The future of biological control from the perspective of private industry" and I. J. Thomason chaired a session on "Developing concepts in integrated pest management." Three \$100 prizes were awarded to graduate students who presented the best papers during the paper sessions. The executive board of the division voted to pay its councilor's expenses to the midyear Council meeting. Ray Tarleton gave a presentation during the business meeting on APS headquarter's activities and the financial picture of APS. At the close of the business meeting, Ralph Baker was installed as

president, Al Weinhold as vice-president, and Larry Moore as secretary-treasurer by outgoing President Martin Stoner.—D. E. Mathre

Report of the Potomac Division Councilor. The Potomac Division held its 38th annual meeting April 15–17, hosted by the Agriculture and Life Sciences Division of the University of Maryland at College Park. There were 167 registrants, with 70 research reports presented, including 30 by graduate students, constituting the largest meeting to date. The meeting began with two concurrent evening discussion sessions. A successful booth

offering various APS items for sale yielded \$760. Mary Lou Casadevall-Keller and Steven Leath, both from the University of Delaware, were recipients of graduate student awards. They are students of Myron Sasser and Robert B. Carroll, respectively. During the banquet, President Charles R. Curtis installed new officers for 1981–1982. They are: President, Robert J. Young, West Virginia University; Vice-President, Laurence D. Moore, VPI and SU; and Secretary-Treasurer, Robert W. Goth, USDA, Beltsville, MD. For further details of the meeting, see *Phytopathology News* (65:523, June 1981 and p. 698, August 1981).—F. M. Latterell

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

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