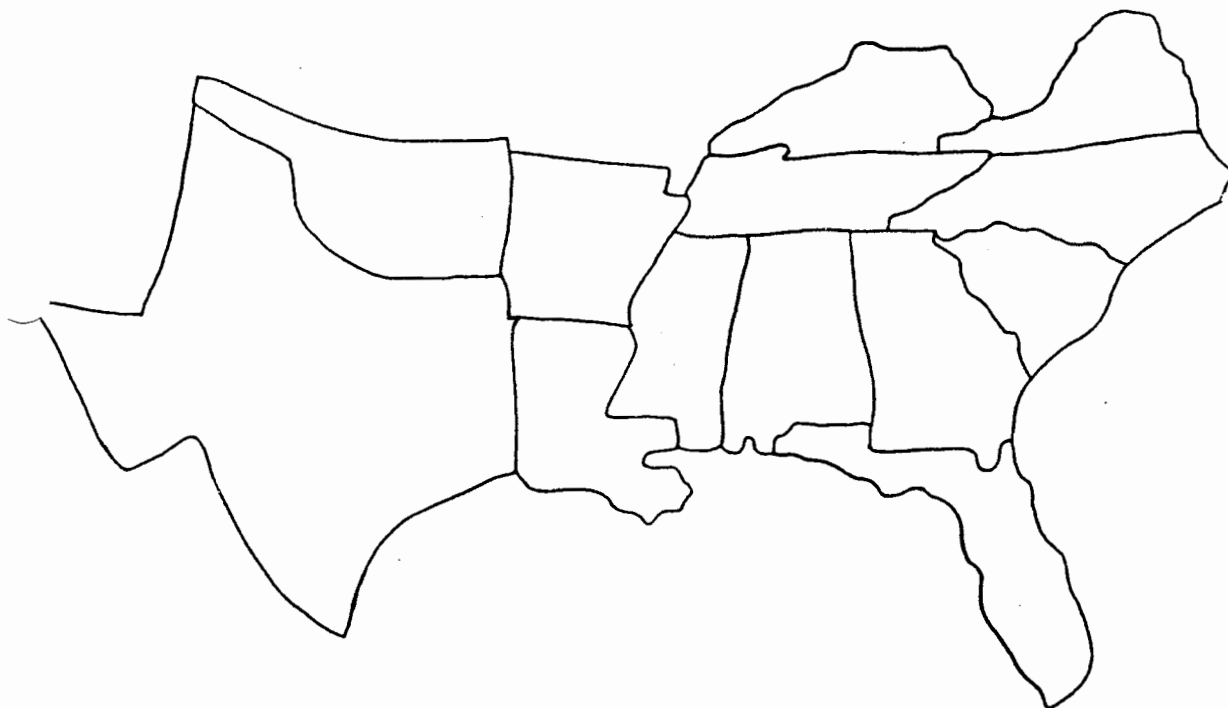


HOWARD GREER

# Proceedings Southern Weed Science Society

“Risk/Benefit: A Way of Life” 43rd Annual Meeting



January 15, 16, 17, 1990

Atlanta, Georgia USA SWSPBE

MINUTES OF THE SWSS EXECUTIVE BOARD  
Summer Meeting  
Hilton Hotel, Atlanta, GA  
June 23, 1989

The summer meeting of the Southern Weed Science Society Executive Board was called to order by President Dick Oliver at 7:45 a.m. Those present were: Dick Oliver, President; Jim Bone, President Elect; Mike Chandler, Vice President; Larry Gillham, Past President; Phil Banks, Secretary Treasurer; Doug Worsham, Editor; Gene Wills, Constitution and Operating Procedures Chair; Bill Witt, Member-at-Large; David Shaw, Newsletter Editor; Mike French, Local Arrangements Committee Chair; David Bridges, Local Arrangements Committee; Arlen Klosterboer, Meeting Site Selection Committee Chair; and Bob Schmidt, Business Manager. Phil Banks read the minutes of the previous two board meetings held at the annual meeting in Nashville, TN. The minutes were approved as read.

Secretary Phil Banks reported the both constitutional changes pertaining to changing the number of times the CAST and WSSA Representatives could be elected were approved by the membership. Total votes cast were 83 with 76 in favor of question 1 and 78 favor of question 2.

In regard to board action taken at the Nashville meeting pertaining to distribution of the Cumulative Index, Larry Gillham moved that 'The Cumulative Index not be sent to members with the Proceedings due to excessive postage costs'. Bone seconded the motion which was approved after discussion.

Bob Schmidt presented the Business Manager's report. The Society posted a net gain of \$9,669 for 1988-89. The net worth of SWSS currently stands at approximately \$140,729 compared to \$69,404 in 1981. The Society has \$50,000 invested in a CD at 9.5% and \$55,900 in an 8.25% interest bearing checking account. Treasurer Banks moved to accept the financial report and the proposed budget for 1989-90 as presented by Schmidt. Motion was seconded by Witt and approved. The Board discussed the cost of the annual meeting which continues to result in a loss of up to \$8,000/year. Gillham indicated that the Graduate student reception may not be serving it's intended purpose. Jim Bone moved and Gillham seconded that 'The Graduate Student Reception be suspended on a trial basis beginning at the upcoming Atlanta meeting.' The motion passed.

Dick Oliver presented a request from American Cyanamid concerning the use of pictures from the Southern Weed I.D. Guide for promotional purposes. After much discussion, Oliver volunteered to find out more details of their needs and what the costs to the Society would be. In the Editor's report, Doug Worsham indicated that the 505 page SWSS Proceedings from the 1989 meeting was completed on May 17, 1989 and was currently in the mail to the membership. The Proceedings contained 299 abstracts and papers. He indicated that a computer program was developed for alphabetizing the index words and that the Herbicide Index was extensively revised. The report was accepted.

President Elect Jim Bone presented his program ideas for the upcoming meeting. Several possible speakers were discussed and the theme for the meeting was decided to be 'Risk/Benefit: A Way of Life' He also solicited ideas for possible symposia to be held at the meeting.

Arlen Klosterboer presented the Meeting Site Selection Committee report. Several cities and hotels within the cities were presented to the Board for consideration. The two highest ranked sites by the committee were the Hyatt Regency at Houston and a multi-property site in San Antonio. After lengthy discussion Jim Bone moved and Phil Banks seconded that 'The 1991 SWSS meeting be held in San Antonio, TX.' Following further discussion the motion was unanimously approved. The meeting date will be January 13-17, 1991.

Mike French presented the Local Arrangements Committee report. He indicated that his committee had met to confirm assignments and discuss the meeting with the hotel. David Olsen, Asst. Dir. for the Convention Center at the Atlanta Hilton gave the Board a tour of the facilities. The Board directed French to not include entertainment or a speaker for the Awards Banquet. French indicated that Brenda Currey will again arrange for discount fares with airlines. David Bridges presented options and costs of food functions for the meeting. He was directed to keep the Banquet costs to below \$30.00 per person.

The Board again discussed the continuing increased cost of the annual meeting. Following this discussion, Gillham moved and Chandler seconded 'To raise the SWSS meeting preregistration fee to \$40.00, registration fee at the meeting to \$50.00, and absentee registration, graduate student registration, and spouse registration to \$20.00. The \$20.00 registration fee would not include a copy of the Proceedings. This action will be effective for the 1991 meeting.' After discussion, the motion passed. David Shaw presented a report from Dan Reynolds, Chair of the Graduate Program, concerning revision of the graduate student paper contest and a proposed graduate poster contest. Bill Witt moved and Gillham seconded that 'A graduate student poster session be established for the 1990 meeting and that guidelines presented by the Graduate Program Committee Chair be refined following input from the Executive Board.' The motion was approved.

Newsletter Editor, David Shaw reported that his first issue seemed to be well received by the membership and he solicited suggestions from the Board. The Board commended David Shaw for the quality of his first SWSS Newsletter. Past President Larry Gillham reported that awards and nominations for SWSS offices were being solicited.

Dick Oliver moved to change the wording in the Methods of Operations and Procedure Manual (MOP) concerning the number of nominations for Secretary Treasurer. The section indicating that the Board does not have to nominate more than one candidate should be deleted. Wills seconded the motion and it passed.

The Research and Sales Committee reports were given by Mike Chandler and written committee reports from CAST, Display, Public Relations, Endowment Fund, Long Range Planning, and Resolutions and Necrology were reviewed by President Oliver.

President Oliver adjourned the meeting at 12:10 p.m.

Respectively submitted,

Philip A. Banks  
Secretary/Treasurer

MINUTES OF SWSS EXECUTIVE BOARD MEETING  
Atlanta Hilton Hotel  
Atlanta, Georgia  
January 15, 1990

The Southern Weed Science Society Board of Directors meeting was called to order at 7:30 a.m. on January 15, 1990 by President Dick Oliver. Those present were: President Elect-Jim Bone, Vice President-Mike Chandler, Past President-Larry Gillham, Secretary/Treasurer-Phil Banks, Editor-Doug Worsham, Business Manager-Bob Schmidt, WSSA Representative-Harold Coble, CAST Representative-John Abernathy, Constitution and Operating Procedures Chair-Gene Wills, Members at Large to the Board-Bill Witt, Charles Moore, Tom Peeper, Claude Derting, and Local Arrangements Chair-Mike French. Phil Banks read the minutes of the change-over Board meeting that took place at the previous SWSS meeting in Nashville, TN and for the summer Board meeting held in Atlanta in June. The minutes for the Nashville meeting were accepted as presented with one wording change suggested for the minutes of the Atlanta meeting before being accepted. Banks also presented the Secretary/Treasurer's report which was accepted.

Mike French presented the Local Arrangements Committee report, indicating that all necessary duties were taken care of by his committee. He gave numbers of rooms that were reserved for each night of the meeting and the number estimated for the banquet on Wednesday night. He indicated that if any problems were encountered by anyone to contact one of his committee or the hotel contact, Dave Olsen. The report was accepted.

The Business Manager's report and the Finance Committee report were given by Mike Chandler. In the Business Manager's report, he indicated total membership for 1989 was 1,041 and had held relatively constant over the past 3 years. The overall net worth of the Society has risen to \$144,333.30 in 1989 compared to less than \$70,000 in 1981. The increase is attributable to sales of the Weed I.D. Guide sets. Total profits from these sales are now \$86,432. Sales of the Research Methods Manual have not reached the break even point yet and the Weed I.D. slide sets have made a slight profit. In the Finance Committee report, Chandler reported that it is necessary to sell 600 copies of the Research Methods Manual in order for the Society to cover the cost of production. Coble suggested that efforts be made to encourage industry to purchase the manual and promote sales of the manual in foreign countries where they have contacts in order to recoup our investment. Chandler proposed a rewording of the action taken at the summer board meeting concerning the increase in preregistration and registration fees for the 1991 meeting. He moved and Wills seconded that this clarification be made. Motion passed. Peeper suggested that the Business Manager be reminded to send notification of the availability of Weed I.D. sets IV and V to those who had purchased previous sets.

Gene Wills presented the Constitution and Operating Procedures report followed by brief discussion. His report was accepted as given. In the Program Committee report, Jim Bone indicated that a total of 293 papers, including posters, were submitted for presentation at the meeting. He indicated some problems with the paper submission forms. As many as 50% of the titles had to be followed up with phone calls for clarification. He indicated a need to determine who is responsible for getting the easels for the poster session. Witt moved and Coble seconded that it should be clarified in the MOP that the Local Arrangements Committee is responsible for acquisition of easels for the poster session. Motion was approved. The Program Committee report was accepted.

In the Editor's report, Doug Worsham suggested a change in the MOP to indicate the working relationship of the Editor and the Program Chair. It should be stated that paper preparation instructions and the form for listing of key words be sent to all senior authors by each section chair. This report was accepted. Oliver indicated that Marlene Hurst of Digital Publications, Inc. requested our permission to include our annual Proceedings in a collection of agricultural periodicals called 'Compact Agricultural Periodicals' to be sold to libraries and information centers. Moore moved and Bone seconded that the Society agree to the contract presented by Chadwick and Hurst, Inc. concerning the use of our annual Proceedings in their periodical data base. The motion was approved.

David Shaw solicited suggestions for improvement of the SWSS Newsletter and cited the need to get more information from all members who had news of interest for the Society. The total number of pages printed in 1989 was 36. His report was accepted. The Research Committee report was given by Mike Chandler who indicated that there were no problems with the operations of the committee this year. His report was accepted.

The Awards Committee and the Nominating Committee reports were presented by Larry Gillham. The individuals nominated for the various awards were given in his written report with those selected being: Distinguished Service Award-Industry-Bob Dill, Distinguished Service Award-Academia-Ron Talbert, Outstanding Young Weed Scientist-Ted Whitwell, and Weed Scientist of the Year-Chester McWhorter. The Nominating Committee named two individuals for each of the offices to be elected this year with the exception of Secretary/Treasurer where only one person was nominated. The newly elected officers are: Vice President-James Barrentine, Executive Board from Academia-Joe Street, Executive Board from Industry-Ken Savage, Secretary/Treasurer-Don Murray, Editor-Bill Witt, WSSA Representative-Mike French, CAST Representative-Phil Banks, and Endowment Fund Board-Larry Rogers. Both reports were accepted.

In the WSSA Representative's report, Harold Coble suggested changing the procedure to that of the WSSA so that not all reports are read or reported at the annual business meeting. His report

was accepted. CAST Representative, John Abernathy reported that Lowell Jordan was recently elected President Elect to CAST. He outlined the activities of CAST over the past year and recommended that SWSS pay their annual dues. President Oliver said he would insure that the dues are paid. The CAST report was accepted.

The Graduate Program Committee report was given by Dan Reynolds. He indicated that Neil Rhodes would be the new Chair of this committee. He reported that 94 graduate students were attending the meeting with 92 of these presenting papers or posters. There were 30 papers entered in the paper contest and 13 posters in the new poster contest. He asked the board to give him guidance concerning students who were from outside the Southern Region and giving papers. Coble moved and Bone seconded that commitments made by the Graduate Committee Chair to graduate students from outside the Southern Region giving papers will be fulfilled in 1990. In the future, the Graduate Committee is instructed to follow the rules outlined in the MOP concerning this issue. Motion passed after discussion. It was also noted that the Society will reimburse the students for only three nights at the meeting. The Graduate Program Committee report was approved.

The Display and Historical Committee reports were read and discussed. Both were approved. Henry Collins presented the Legislative Committee report and requested that a letter drafted by his committee be sent to selected U.S. legislators. Worsham moved and Coble seconded that the SWSS send the letter suggested by the Legislative Committee to selected Legislators under the President's signature following suggestions provided by other Board members. The motion was approved. The committee report was also accepted.

Arlen Klosterboer outlined the facilities that will be available at the 1991 meeting scheduled for San Antonio, TX. Two hotels will be used, the Hilton and the Marriott, with the Hilton being the headquarters hotel. All sessions will take place in the Convention Center. The 1992 meeting will be held at a location in the mid-southern states of the SWSS. The Meeting Site Selection Committee report was accepted.

In the Resolution and Necrology Committee report, Mark Kurtz noted that three SWSS members had died during the past year, Jack R. Gipson, Willis Stanford "Sam" Hardcastle, and Dan L. Hyzak. Their passing will be noted in the Business meeting. A commendation to the Local Arrangements and Program Committees and the Hilton Hotel was also presented. The report was accepted.

Dennis Elmore, Weed I.D. Committee Chair, reported that the 5th Weed I.D. set will be published soon. He proposes to continue the effort of producing Weed I.D. sets but at a slower pace. The Board discussed the need for a Weed I.D. set for specific areas of interest such as turf. Tom Peeper moved and Coble seconded that the Resolution Committee be directed to write a resolution commending the Weed Identification Committee for their work on the Weed I.D. Guides. Motion passed.

The Southern Weed Contest report was presented by Dick Oliver. Winners of the 1989 contest were Arkansas-1st, Georgia-2nd, and Texas A&M-3rd. The 1990 contest will be held on July 24, at the Monsanto Research Farm near Loxley, AL. Future sponsors are Rhone-Poulenc in 1991 and Ciba Geigy in 1992. The report was accepted. The Endowment Foundation Report was presented by Mike Chandler for Morris Merkle. Roy Smith and Rhone-Poulenc are the first two Permanent Century Club Members by each contributing \$1000.00. The report was accepted.

Reports from Sustaining Members, Placement, and Terminology Committees were presented and accepted by the Board. Bob Frans made an informal presentation of ideas proposed by the Long Range Planning Committee. The Board directed Frans to develop specific recommendations to be considered at the summer Board meeting in San Antonio. The report was approved. John Boyd discussed the efforts of the Herbicide I.D. Committee to develop a set of 25 information sheets similar to the Weed I.D. Guide showing symptoms caused by 15 herbicide families and several miscellaneous herbicides. The Board discussed this idea and Bill Witt moved and Derting seconded that the Herbicide I.D. Committee investigate the cost of producing a Herbicide I.D. Guide by crop, how many to print, and price to charge. Motion was approved. The State Sales Coordinating Committee report was given by Ed Murdock who stated that 3000 advertising brochures had been sent to representatives of the committee in each of the states in the Society. Harold Coble suggested that an ad hoc committee be formed to evaluate the possibility of developing a Turf Weed I.D. Guide. The committee report was accepted. The Public Relations report was given by John Keaton and accepted.

In new business, Dick Oliver presented a request by the Institute of Food Technologists for the participation of the SWSS in a workshop sponsored by their Fruit and Vegetable Specialized Technology Group. The workshop title is 'Achieving the Full Potential of Integrated Pest Management' and will be held in Washington, D.C. on February 26-27, 1990. Bone moved and Witt seconded that the SWSS send two delegates designated by President Oliver to the Institute of Food Technologists workshop in Washington D.C. and that the Society would pay for their expenses. Motion passed. Witt presented a report on the action of the Management Services Policy Meeting this past year. Following discussion, the report was accepted.

The meeting was adjourned by President Dick Oliver at 12:59 p.m.

MINUTES OF THE SWSS EXECUTIVE BOARD  
Atlanta Hilton Hotel  
Atlanta, Georgia  
JANUARY 18, 1990

New Southern Weed Science Society President Jim Bone called the meeting to order at 7:05 a.m. Present were: President-Elect, Mike Chandler; Vice President, Jim Barrentine; Past President, Dick Oliver; Secretary/Treasurer, Don Murray; Editor, Bill Witt; WSSA Representative, Mike French; CAST Representative, Phil Banks; Newsletter Editor, David Shaw; Constitutional and Operating Procedures Chairperson, Gene Wills; Business Manager, Bob Schmidt; and Board Members-at-large, Joe Street, Claude Derting, Tom Peeper, and Ken Savage. Others in attendance were David Bridges and Doug Worsham.

James Miller (USDA, Forest Service) representing Section IV, Control of Weeds in Forests, asked if he could present a proposal from that section to the board. Miller indicated the section was growing and maturing and he wanted to propose three points to the board which their group felt would allow their section to improve and thus would strengthen their support to the Society. The three points which Miller asked for board opinion were 1) section IV requests a business meeting of their own to discuss issues and special topics, 2) section IV would like to elect or suggest a chairperson and this chairperson would select special session topics, and 3) as a special section they would like to pledge themselves more to SWSS and service to SWSS through involvement in offices. President Bone asked Wills if the MOP would prohibit any of these actions. After some discussion Wills responded that there did not appear to be a conflict with the MOP. Members of Section IV are eligible to serve as Society officers like all other members. Miller asked for equal treatment in assigning meeting rooms and facilities. Derting asked if this request would require additional time or space and Miller indicated that additional time was not required but lately the space assigned to them has been too small. Chandler said he would work closely with this section during the coming year to resolve any arrangement problems. Furthermore, the selection of their own chairperson was welcomed. Bone indicated that these kinds of problems are good, it indicated growing pains and healthy problems. Shaw moved and Banks seconded that we support the concepts and concerns brought before the board by this section representative today. Motion passed.

The past Secretary/Treasurer Phil Banks read the minutes of the executive board meeting held on Monday, January 15, 1990. These minutes were approved as read. A typed copy will be mailed to Editor Bill Witt.

Local arrangements chairman Mike French complimented his committee members. In Mike's opinion the meeting in general went very well, but some rooms were crowded. There were some minor problems with audio visuals. Everything was expensive, but they stayed within budget. Bone complimented French and committee for their excellent planning and commitment during the meeting.

Graduate Program Committee Chairman Dan Reynolds and Local Arrangements coordinator Bill Vencill reported with the exception of the room reservations everything went well. Too many students started swapping out and/or changing the room



assignments. Wills moved and Murray seconded that graduate students who are eligible for graduate benefits make their own room arrangements and be reimbursed at 1/4 of the room rate for a maximum of three nights. Derting moved and Shaw seconded that the motion be amended to graduate student room rate. Amendment passed. Oliver moved and Peeper seconded to amend the motion to 1/3 of the graduate student room rate. Amendment passed. The twice amended motion "that graduate students who are eligible for graduate benefits make their own room arrangements and be reimbursed at 1/3 of the graduate student room rate for a maximum of three nights" passed.

There was some discussion about awarding two first place papers and a second place all in the same graduate contest section. Peeper moved and Witt seconded that if a tie for first place occurs, second place would not be awarded. Motion passed.

During the Monday, January 15, board meeting the issue of covering the expenses of students outside of SWSS was deferred until this board meeting. The specific areas mentioned were Missouri and southern Illinois. An undue financial burden on this Society could occur from financially supporting students from outside the southern region. It was mentioned that at one time the boothill of Missouri was at least shown on the map logo as a member area; however, the MOP now clearly states that the member states are the 13 southern states and Puerto Rico. Peeper moved and Witt seconded that graduate students from areas outside of this society will be allowed to pay the graduate student registration rate and enter the graduate contest; however, this Society will not provide room reimbursement. Motion passed.

Derting asked for board opinion regarding the admission of Missouri or the boot-hill of Missouri into SWSS. In Derting's opinion the boot-hill area in particular represented southern agriculture. Students or faculty from Missouri have attended SWSS meetings regularly during the last few years. Oliver moved and Shaw seconded that we consider admitting Missouri as a member state to the Society if the weed science faculty from Missouri will make a formal request for membership. Motion passed. Gene Wills indicated that if Missouri were admitted, the constitution would have to be amended by a vote of the Society membership.

Bone indicated that this Society should actively address the issue of providing congressional members and committees with a list of knowledgeable or expert scientists. Bone asked Oliver to chair an ad hoc committee to identify expert or knowledgeable persons to assist in congressional questions. Oliver has a list of areas of expertise in which individuals are needed. The board is asked to provide names to this list for Oliver.

The issue of what to do with a SWSS weed identification guide for lawns and turf was discussed. Oliver stated that Tim Murphy was contacted and the interest was not high. French reported that Georgia, Alabama, and Florida were putting together a weed identification guide for lawns and turfs and it would be competitively priced with the SWSS publication. No motions were proposed.

A new pictorial guide for herbicide symptomology will be considered further at the summer board meeting. John Boyd will put together an estimate of costs and a firmer outline of content for further board action.

The SWSS Research Methods Manual is not selling well and is becoming obsolete. Chandler suggested we make a real thrust to sell this manual before it becomes entirely out of date. Schmidt said he could use a free half-page ad in Weed Technology if Barrentine would provide him with the ad material. Industry should be invited to buy it for over-seas cooperators. The cost of the manual is now \$30 each. A discounted rate was discussed. Wills moved and Street seconded to sell the SWSS Research Methods Manual at the following rate schedule: orders of 1 through 10 manuals at \$30 each; 11 through 25 manuals at \$25 each; and orders of 26 manuals and greater would sell for \$22.50 each. Motion passed.

An Environmental Educator Award will be referred to the long-range planning committee for guidance and suggestions.

A teaching unit for secondary schools was proposed as a Society activity. This would not just involve dropping off material, but rather a unit lecture to explain agricultural and weed science. Bone asked for suggestions regarding the appointment of a committee to look farther into this. Peeper reported that the Oklahoma Wheat Commission was furnishing elementary schools with a coloring book. Peeper offered to check into the opportunities of an educational program and report his findings at the summer board.

Bone asked for board opinion regarding a Congressional Weed Science Fellow. Currently, there is a congressional fellow with 50% support from WSSA and 50% support from the American Society of Agronomy. He has a Ph.D. in weed science from Illinois. Bone said WSSA will support 1/2 and NCWSS will support 1/4. Are we willing to support 1/4 or would it be better to support 1/8 with NEWSS supporting 1/8? In Bone's opinion this Fellow will probably make a favorable and important input for weed science. Witt moved and Chandler seconded that we support 1/4 of a congressional fellow. Oliver moved and Barrentine seconded that we amend the motion to stipulate that SWSS support of 1/4 will not exceed \$10,000 annually. Derting moved and Oliver seconded that we amend the motion to require annual board approval. Motion and both amendments passed.

Harold Coble and Ted Whitwell will represent SWSS at the upcoming Institute of Food Technologists workshop on "Achieving the Full Potential of Integrated Pest Management".

The issue of easels and poster boards for the poster session was discussed. Easels should be rented whenever possible and no commitments were made to buy them. Poster board should be purchased and if it is not feasible to transport to the next meeting site it be given to the local arrangements committee for their use.

The Endowment Foundation asked the board for approval to financially support the graduate student contest. Members of the foundation felt that this activity would improve their visibility and thus contributions to the foundation might increase. Chandler moved and Street seconded that the Endowment Foundation be allowed to support the graduate student paper contest award. Motion passed. The Endowment Foundation further requested an announcement for contributions be included in the packet mailed for annual meeting registration and this announcement also be available for walk-in registration. The

Foundation felt that the improved visibility would increase contributions. In the future they hope to be able to further increase their support to graduate students by supporting the summer weed contest and the SWSS awards banquet tickets.

The board was asked by some of the membership to consider changing the annual meeting date for SWSS. Following a brief discussion and the reported concerns of numerous other conflicts, the consensus of the board was not change our usual date.

There was discussion about the scheduling of the Society business meeting, the lack of attendance at the business meeting, and the feelings of some that this time was not being used to the greatest advantage. Barrentine moved and Savage seconded that the business meeting will be held at 8:00 a.m. for 1 hour prior to the general session. Written committee reports would be available at the registration desk for those interested. The board would select pertinent issues which would be brought before the entire membership. Motion passed.

Gene Wills was asked if he would continue to serve as Constitution and Operating Procedures Chair. Oliver moved and Witt seconded that Gene Wills be asked to continue to serve as Ex-Officio Member of the Board for Constitution and Operating Procedures. Motion passed and Wills agreed.

The summer board meeting is scheduled for June 22 at 7:00 a.m. to noon at the Hilton Palacio Del Rio in San Antonio, TX. An alternative date is June 29. Bone will notify the board after checking these dates with the hotel.

Oliver moved and Witt seconded that we adjourn at 10:24 a.m. Motion passed.

Respectfully submitted

Don S. Murray  
Secretary/Treasurer

## SWSS SECRETARY - TREASURER'S REPORT - Presented by Philip A. Banks

In the Spring of 1989, ballots were mailed to the membership concerning two changes in the SWSS Constitution. Question one proposed to change the wording:

'The representative to WSSA shall be elected by mail ballot, hold office for 3 years commencing with the close of the next business meeting after the election, and shall not succeed himself.'

to read:

'The representative to WSSA shall be elected by mail ballot, hold office for 3 years commencing with the close of the next business meeting after the election, and may be re-elected to the office for one additional period of 3 years.'

Question two proposed to change the wording:

'The representative to CAST shall be elected by mail ballot, hold office for 3 years commencing with the close of the next business meeting after the election, and shall not succeed himself.'

to read:

'The representative to CAST shall be elected by mail ballot, hold office for 3 years commencing with the close of the next business meeting after the election, and may be re-elected to the office for one additional period of 3 years.'

Both questions were approved by large majorities with only 8% of the membership returning ballots. Ballots for the election of the offices of Vice President, Board Member-Industry, Board Member-Academia, Secretary/Treasurer, Editor, WSSA Representative, CAST Representative and Member of Endowment Fund Board were mailed to all SWSS members in October. Ballots that were returned on or prior to December 12, 1989 were tabulated and the officers elected for 1990-91 will be Jim Barrentine-Vice President, Ken Savage - Board Member from Industry, Joe Street - Board Member from Academia, Don Murray - Secretary/Treasurer, Bill Witt - Editor, Mike French - WSSA Representative, Phil Banks - CAST Representative, and Larry Rogers - Endowment Fund Board. A total of 342 ballots were cast which is 33% of the SWSS membership.

A detailed accounting of the financial condition of SWSS as conducted by Lafferty and Associates of Champaign, Illinois on May 31, 1989, follows.

## BALANCE SHEET

MAY 31, 1989

ASSETSCURRENT ASSETS:

Cash in Bank-1st National	\$38,197.81	
American Savings - I.M.M.A.	55,964.69	
Certificate of Deposit -		
A.G. Edward and Sons	50,000.00	
Accrued Interest Receivable	<u>170.80</u>	
TOTAL CURRENT ASSETS		\$144,333.30

FIXED ASSETS:

Equipment	\$233.07	
Less: Allow. for Depreciation	(233.07)	
TOTAL FIXED ASSETS		-0-
TOTAL ASSETS		\$144,333.30

LIABILITIESNET WORTH:

Net Worth		
TOTAL NET WORTH	<u>\$144,333.30</u>	
TOTAL LIABILITIES & NET WORTH		<u>\$144,333.30</u>
		<u>\$144,333.30</u>

STATEMENT OF NET WORTH  
MAY 31, 1989

Balance June 1, 1988		\$134,670.54
<u>ADDITIONS:</u>		
Net Earnings		<u>9,662.76</u>
Sub-Total		144,333.30
<u>DEDUCTIONS:</u>		
None		-0-
Balance May 31, 1989		\$144,333.30

STATEMENT OF EARNINGS  
May 31, 1989

<u>INCOME:</u>		
Members Dues	\$9,155.00	
Sustaining Members	12,400.00	
Research Report	202.00	
Proceedings	12,212.00	
Research Methods	3,335.00	
Index to Proceedings	100.00	
Annual Meeting	35,069.60	
Weed I.D. & Binders	66,202.54	
Slides	<u>2,714.80</u>	
TOTAL INCOME		\$141,390.94
<u>EXPENSES:</u>		
Proceedings	\$12,910.37	
Annual Meeting	40,921.07	
Travel	1,608.83	
Office Supplies	165.64	
General Printing	819.59	
Postage	1,580.62	
Insurance, Legal & Audit	1,147.38	
Telephone	94.92	
Management Fees	3,210.00	
Organization Dues	933.40	
Weed Contest	1,411.34	
Newsletter	3,869.67	
Miscellaneous	10.00	
Weed I.D. & Binders	57,287.04	

Research Methods Manual	11,982.04	
Cumulative Index	<u>1,989.36</u>	
TOTAL EXPENSES		<u>\$139,941.27</u>
NET EARNINGS FROM OPERATION		\$ 1,449.67
<u>OTHER INCOME:</u>		
Investments	<u>\$8,213.09</u>	
TOTAL OTHER INCOME		<u>\$ 8,213.09</u>
NET EARNINGS		<u>\$ 9,662.76</u>

STATEMENT OF CASH FLOW  
May 31, 1989

CASH FLOW FROM OPERATING ACTIVITIES:

Net Income \$ 9,662.76

ADJUSTMENTS TO RECONCILE NET INCOME TO NET CASH  
PROVIDED BY OPERATING ACTIVITIES:

I.M.M.A. - American Savings	\$( 3,570.34)	
Accrued Interest Receivable	(38.67)	
Prepaid Expenses	<u>13,819.35</u>	
TOTAL ADJUSTMENTS		\$10,210.34

CASH FLOW FROM INVESTING ACTIVITIES:

Addition to Investments	(50,000.00)	(50,000.00)
Net Decrease in Cash		(30,126.90)
Cash June 1, 1988		68,324.71
Cash Balance May 31, 1989		<u>38,197.81</u>

## ENDOWMENT FOUNDATION BOARD OF TRUSTEES REPORT--Presented by Morris Merkle

The fourth annual meeting of the Board of Trustees for the Southern Weed Science Society Endowment Foundation was held January 17, 1989, in Nashville, Tennessee. The following officers were elected: President-Morris Merkle; Vice-President-Paul Santelmann; Secretary-Dick Oliver.

The names of the Charter Members, Century Club Members, Sponsors and Contributors were printed in the 1989 SWSS Proceedings. Also an article was published in the SWSS Newsletter thanking those who had contributed to the Foundation and urging others to contribute. Dr. Roy Smith and Rhone-Poulenc Ag. Co. became the first Permanent Century Club Members by contributing \$1000.00 to the Foundation.

As of September 30, 1989, the net worth of the Foundation was \$14,308.50. This represents a 30% increase over the previous year's net worth and was made possible by gifts of \$2,700 and interest income of almost \$1000. However, sources need to be identified whereby income can be increased if the Foundation is to provide the support for Society programs for which it was established.

Respectfully Submitted,

Robert Frans	Sheron McIntire
Dick Oliver	Paul Santelmann
Morris Merkle, Chairman	

## FINANCE COMMITTEE REPORT--Presented by J.M. Chandler

The Southern Weed Science Society is financially sound and continues to meet its financial goals. The Society posted a net gain of \$9,662 for 1988-89. The Society has \$50,000 invested in a certificate of deposit at 8.4% and \$55,964 in an 6.0% interest bearing checking account. The net worth of the SWSS currently stands at approximately \$144,330 compared to \$69,404 in 1981. The Society has a goal of maintaining a cash reserve equal to two year's operating expenses. An annual budget for 1989-90 was approved by the Board at the summer board meeting with income projected to be \$111,500 and expenditures of \$102,111.

The Finance Committee and the Executive Board have reviewed the various sources of income and specific expenditures of the Society. The annual meeting over the past eight years has lost up to \$8,000 per year or \$45,464 total. In an attempt to reduce expenses the Graduate Student Reception will be suspended on a trial basis during the Atlanta meeting since it may not be serving it's intended purpose. The Executive Board has also raised the annual preregistration fee to \$40; the registration fee at the meeting to \$50; absentee registration, graduate student registration, and spouses registration fee to \$20. These changes will be effective for the 1991 meeting. It should be noted that of the current \$30 registration fee, \$10 is for membership dues, \$12 for printing and mailing of the Proceedings, and \$8 for the expenses of the annual meeting. The annual variable cost of the banquet ticket will continue to be added to these registration fees.

Sales of publications have both positive and negative implications for the future financial stability of the Society. The "Research Methods in Weed Science" manual sales to date have returned about 50% of the cost of publishing. We need to sell 600 copies to cover publication costs. The "Weed Identification Guides" continue to sell but at a slower pace especially the later volumes. The current inventory is as follows: Set I - 2,737, Set II - 5,195, Set III - 5,788, Set IV 8,210. Set V is being typeset and we will spend \$50,000 this year to have 10,000 copies printed. The key to continued financial success with the Weed Identification Guide will be a brisk sale of Sets IV and V over the next 18 months.

Respectfully submitted,

P.A. Banks	R.A. Schmidt
J.R. Bone	A.D. Worsham
R.L. Cargill	J.M. Chandler
	Chairman



## GRADUATE PROGRAM COMMITTEE REPORT--Presented by Daniel B. Reynolds

A total of 30 students entered the 1990 SWSS Graduate Student Paper Contest as compared to 38 in 1989. Papers were divided into 4 groups: 1 section in Agronomic Crops, 1 section in Ecological and Physiological Aspects, 1 section in Soil and Environmental Aspects, and 1 composite section of students from Agronomic Crops and Horticulture. The committee is also pleased to report that a total of 13 students entered the Graduate Student Poster Contest. The Graduate Student Poster Contest was comprised of all the contestants participating in the poster section. Five judges were assigned to each section of papers and posters with 5 alternate judges available in case of any vacancies. State participation is represented by the data in table 1. Eleven of the 13 states comprising the SWSS were represented by participants in the paper contest and 7 states also had participates in the newly formed poster contest. This represents a total of 43 contest participants (paper & poster) which is an increase over the 38 participants of last years contests. There were a total of 93 graduate students presenting papers at this years meeting with 2 students attending but not participating thus a total of 95 graduate students were in attendance.

As in the past, all student giving papers, whether in the contest or not, were given complimentary banquet tickets. All students were also eligible for free housing if they presented a paper. Housing arrangements for graduate students were handled by the Chairman of the Graduate Student Program Committee and sent to the Local Arrangements Committee for finalizing.

The committee would like to make the following suggestions for the 1991 contest:

1. To consider breaking the Graduate Student Poster Contest into contest divisions if the number of participates increases significantly in the coming years
2. We nominate Neil Rhodes as the Chairman of the Graduate Program Committee for 1991.

Table1. Analysis of student participation by state and contests for the 1990 SWSS meeting.

STATES REPRESENTED	STUDENTS ATTENDING	PAPER CONTEST	POSTER CONTEST
Alabama	4	0	0
Arkansas	18	6	4
Florida	6(1)	1	0
Georgia	6(1)	3	1
Illinois	2	0	0
Kentucky	2	1	0
Louisiana	2	0	1
Mississippi	13	3	1
Missouri	1	1	0
North Carolina	12	3	2
Oklahoma	10	5	0
South Carolina	3	1	1
Texas	8	4	3
Tennessee	1	1	0
Virginia	5	1	0
Totals	93(2)	30	13

Numbers in ( ) represents a student who was attending the meeting but not presenting a paper.

Respectfully submitted,

Jim N. Barrentine	Carroll Johnson	David R. Shaw	Ann Wiese
David C. Bridges	Wayne Keeling	Tim Tripp	John Wilcut
Joan A. Dusky	G. Neil Rhodes, Jr.	Bobby Walls	Daniel B. Reynolds, Chairman

## SOUTHERN WEED CONTEST COMMITTEE REPORT -- Presented by L. R. Oliver

The 10th Annual Southern Weed Science Contest was held on July 18 at Agricenter International, Memphis, Tennessee. The contest was sponsored by the Southern Weed Science Society and hosted by Sandoz Crop Protection Corporation. Coordinators of the event were Tom Holt and Holland Jordan. A vigorous day of contest activities challenged the skills of each participant in weed and seed identification, identification of unknown herbicides, crop/weed problem solving, and liquid sprayer and granular applicator calibration problem solving. The contest was well organized by the Sandoz personnel, and crops and weeds in each event were in excellent condition.

The seven southern universities participating in the event were University of Arkansas, Clemson University, University of Florida, University of Georgia, Mississippi State University, North Carolina State University, and Texas A&M University.

Winning teams and individuals were as follows:

Team Awards:           1st Place - University of Arkansas  
                          2nd Place - University of Georgia  
                          3rd Place - Texas A & M University

Individual Awards: 1st Place - Tracy Klingaman  
  University of Arkansas  
                          2nd Place - Jim Harris  
  Clemson University  
                          3rd Place - Bill Johnson  
  University of Arkansas

The awards banquet was held aboard a Mississippi river boat. The traveling "Broken Hoe" trophy was presented to the Arkansas team for the seventh year in a row along with cash awards and plaques for winning teams and individuals. All participants had an excellent time and participated in an extremely educational experience. If your university was not represented this year, make a point to get involved next year.

The 1989 contest cash awards and plaques were made possible as a result of contributions from: Dow, Fermenta, Lilly/Elanco, ICI Americas, Mobay Corporation, Monsanto, and Rohm & Haas. The committee gratefully acknowledges the gifts by the Gandy Corporation of two super granular applicators with electric motor drive and by R&D Spraying Systems of two backpack sprayers.

The Southern Weed Contest Committee again wishes to say thanks to Sandoz Crop Protection Corporation and to all participants, contest volunteers, and judges for making this year's contest one of the best ever.

The 1990 contest will be held on July 24 at the Monsanto Research Farm, Loxley, AL.

Respectfully submitted,

P. A. Banks	E. S. Hagood	D. S. Murray	T. Whitwell
J. M. Chandler	T. Holt	N. G. Rhodes	W. W. Witt
H. D. Coble	H. J. Jordan	D. R. Shaw	L. R. Oliver,
D. L. Colvin	L. M. Kitchen	G. Stapleton	Chairman
J. L. Griffin	E. C. Murcock	H. H. Walker	