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# Proceedings Southern Weed Science Society

“Weed Science in Harmony with the Environment” 46th Annual Meeting



January 18, 19, 20, 1993

Charlotte, North Carolina USA SWSPBE

MINUTES OF THE SWSS EXECUTIVE BOARD  
Adam's Mark Hotel  
Charlotte, North Carolina  
June 23, 1992

President Jim Barrentine called the meeting to order at 7:34 a.m. and presented the Board with agenda items. Present were: President-Elect, Doug Worsham; Vice President, Phil Banks; Past President, Mike Chandler; Secretary-Treasurer, Don Murray; Editor, Bill Witt; Newsletter Editor, David Shaw; Constitutional and Operating Procedures Chairperson, Gene Wills; Business Manager, Bob Schmidt; and Board Members-at-Large, Ted Whitwell, David Shaw, and Ray Cooper. Shaw moved and Cooper seconded that the agenda be accepted. Motion passed.

Secretary-Treasurer Don Murray read the minutes of the Thursday, January 23 Board meeting. Witt moved and Banks seconded that the minutes be accepted as read. Motion passed.

Business Manager Bob Schmidt reported that the Society was financially sound. Sale of the Weed ID Guide has exceeded the budget projections for FY 91-92 and this project continues to provide substantial income to the Society. Schmidt reported that membership has steadily declined during 1990, 1991, and 1992 to 1034, 904, and 862, respectively. Although the membership declined during the last three years, the meeting last year showed a slight gain in revenue rather than the usual loss. This increase, in part, was due to an increased registration fee and a decrease in meeting expenses. Presently, the Society has a higher than normal amount of cash on hand. Schmidt explained that the reason for this is the sixth edition of the Weed ID Guide is expected to be printed soon which will use this money. Last year several people used the daily or visitor registration fee. This will again be available for 1993 at a daily rate of \$5 to local people. The Local Arrangements Committee personnel will handle advertisement of this. The Sustaining Membership fee will increase next year, but collections will be delayed in order to begin collections on a calendar year. Cooper moved and Chandler seconded that we accept the Business Managers report. Motion passed. The Board agreed to delay approval of the 1992-1993 budget until all budget items could be discussed.

Local Arrangements Committee chairperson Bill Lewis presented his report to the Board. Food functions during the meeting will cost about \$15,000. The banquet menu and cost was discussed in detail. Cooper moved and Banks seconded that a \$25.00 per person cap be placed on the banquet meal. Motion failed. Cooper moved and Whitwell seconded that a \$25.00 per person cap with a 10% allowance for increase be placed on the banquet meal. Motion passed. Entertainment at the banquet will be kept to a minimum this year, possibly only music during dinner. Sandwich lines for lunch will be set up by the hotel in the existing eating establishments in the hotel. These sandwich lines will be available from 11:30 am to 1:30 pm daily. Lewis stated that he would make all of the necessary arrangements for industry support of the cokes and coffee during the

session breaks. Ms. Kamin Thompson, Charlotte Convention Services Manager, spoke briefly to the Board and explained some of the services they would provide to the Society.

John Boyd gave the Herbicide Symptoms ID Committee report by conference call. John stated that the committee had not spent any of the budgeted money this year and they did not expect to hold the photo contest in 1993. The committee is wanting to put approximately four photographs per page with descriptions. The committee has discussed putting the guide together by herbicide and by crop. The consensus now is to arrange the guide by herbicide family. The committee is not working with a strict deadline in mind, only quality at this time. The committee would also like to include vegetable and ornamental crops and include injury symptoms caused by hail and frost. John indicated that he would try to bring a couple of example pages to the Board meeting in January for perusal.

Mike Chandler gave the 1994 Site Selection Committee report. The committee considered properties in Tulsa, Houston, San Antonio, and Dallas. The committee provided the Board with a list of advantages and disadvantages to each property. Banks moved and Cooper seconded that the Hyatt Regency near DFW Airport in Dallas, Texas be the site for our 1994 meeting. Motion passed.

Don Murray reported on the Graduate Student Room Reimbursement. The system used last year to pass out reimbursement checks after the banquet seemed to work well. The students seemed pleased to be reimbursed so quickly and it was much easier on the Business Manager and Secretary-Treasurer. It would seem only logical that the same process be used in 1993. According to lodging costs information obtained during this meeting, the graduate students should each be reimbursed \$72.80, provided they are present at the banquet and have presented either a paper or poster. This information will be passed on to the chairperson of the Graduate Program.

Gene Wills informed the Board that the Site Selection Committee procedures in the MOP should be amended to read "1. Consist of six members and the Business Manager. Two members will represent and reside in each of the three geographic areas of the SWSS region - southeast, midsouth, and southwest. When the conference is scheduled for a specific geographic region, the senior member of the two member geographic team of that region will become chairman of the committee and will have primary responsibilities for meeting site selection process. The chairman will rotate off at the end of his (her) six-year term. The members will be appointed by the president on a rotating basis for one each year and shall serve a six-year term." Murray moved and Banks seconded that the MOP be amended accordingly. Motion passed.

Doug Worsham presented the 1993 program review. The program theme is Weed Science in Harmony with the Environment and some general session speakers have been selected. Worsham asked for Board approval for financial support for the travel and lodging of general session speakers. Murray moved and Shaw seconded that the Society provide travel and lodging support for the general session speakers. Motion passed.

Bill Witt gave the Editors report. The proceedings has been mailed and most of the membership have received their copies. Witt encouraged the Program Chairman and Editor to work together closely. Obtaining the program on electronic medium certainly facilitated putting the proceedings together; however, several authors made slight changes in titles and this had to be proof read carefully. Phil Banks suggested that in the future, authors may be asked to provide both a hard copy of their abstract as well as a floppy computer disk containing their abstract.

The Southern Weed Contest was discussed. There seems to be several expenses which were not expected by the contest host; however, it appears that everything is on track for the 1992 contest. No actions were taken.

Selection of a Newsletter Editor was discussed. Current Editor David Shaw stated that he would give up those duties and he further stated that Dan Reynolds had shown interest in being the Editor. Cooper moved and Witt seconded that Dan Reynolds be appointed as Newsletter Editor beginning in May 1993. Motion passed.

Jim Barrentine reported that two new Congressional Science Fellows have been selected, J. Richard Hess and Marsha Stanton. The Society should continue to support and monitor this project.

Doug Worsham reported on the weed science officers' visit to Washington, D.C. Some of those attending included SWSS President, Jim Barrentine; WSSA President Joe Antognini; WSSA Legislative Committee Co-Chairs, Alyson Emanuel and Henry Collins; WSSA President Elect, Harold Coble; and Congressional Science Fellows, Burlson Smith and Laura Lengnick. On Tuesday morning, June 2, the weed scientists heard from Mr. Ed Bruggermann, Biotechnology Specialist with the National Audubon Society (NAS); Ms. Faith Campbell, National Resources Defense Council (NRDC); Dr. Dick Herritt, President, EnvirAg. Associates; Mr. Larry Adams and Mr. Frank Swader, USDA Water Quality Initiative Program; and Mr. Leonard Gianessi, with Resources for the Future. These persons brought interesting information to share and useful interchange discussions took place with all visitors. Mr. Bruggermann reiterated the reasons NAS is opposed to federal funding of herbicide-tolerant crop development. The most surprising interchange was with Faith Campbell who said her organization was strongly in support of efforts to strengthen federal noxious weed laws and all efforts to limit spread of exotic plants or weeds in the U.S. WSSA officers plan to follow up on this and determine if a coalition with NRDC can be formed. Randy Westbrook has invited Ms. Campbell to give a paper in Section VIII in January and she has tentatively accepted. Dr. Herritt discussed the National IPM Forum to be held in Washington D.C. in June and Mr. Gianessi discussed his development of pesticide use data bases. On Wednesday, June 3, representatives of the rice, cotton, wheat, soybeans, fruit and vegetable, and corn commodity associations spoke to the group. These organizations, plus others, have prepared a united Position Paper for congressional use. Ms. Emanuel discussed the many pesticide ranking models in use and the disadvantages of most of them. The final day was spent discussing Position Papers with Congressmen, Senators or their agricultural aides. In their visits, Doug Worsham and Harold Coble emphasized the

disparity of USDA competitive grants between weed science and plant pathology. In closing, both Worsham and Barrentine felt that the meeting in Washington, D.C. was very worthwhile.

Barrentine asked Gene Wills if he would be willing to continue serving as Constitutional and Operating Procedures Chairperson. Wills indicated that he was willing. Cooper moved and Banks seconded that Gene Wills be reappointed as Constitutional and Operating Procedures Chairperson. Motion passed.

Phil Banks asked for Board opinion regarding the formation of a special committee to deal with the EPA requirement that field efficacy experiments be done under GLP guidelines. Barrentine moved and Cooper seconded that a special committee be formed by Vice President Phil Banks. Motion passed.

Barrentine suggested that we discuss any final issues of the 1992-1993 budget. Chandler moved and Cooper seconded that the Society donate \$10,000 to the SWSS Endowment Fund. Motion passed. Banks moved and Shaw seconded that the budget as proposed and modified today by the Board be approved. Motion passed. Barrentine reminded the Board that funding for the Congressional Science Fellow for 1993-1994 will have to be approved at our January Board meeting and we should be giving thought to this project.

Shaw moved and Banks seconded that the meeting be adjourned. Motion passed and the meeting was adjourned at 1:21 pm.

Respectively submitted  
Don S. Murray  
Secretary-Treasurer

MINUTES OF THE SWSS EXECUTIVE BOARD  
Adam's Mark Hotel  
Charlotte, North Carolina  
January 18, 1993

President Jim Barrentine called the meeting to order at 7:10 a.m. and presented the Board with agenda items. Present were: President-Elect, Doug Worsham; Vice President, Phil Banks; Past President, Mike Chandler; 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, Ted Whitwell, David Shaw, Randy Ratliff, and Ray Cooper. Also present were Steve Duke, Vice President elect; Bob Hayes, Board Member-at-large elect; and Joe Street, Editor elect. Witt moved and Chandler seconded that the agenda be accepted. Motion passed.

Secretary-Treasurer Don Murray read the minutes of the January 23 and June 23 Board meetings. Banks moved and Whitwell seconded that the minutes be accepted as read. Motion passed.

Bill Witt presented the Editors report. The 1992 proceedings was slightly smaller than the previous year. The number of full length papers was 17, about the same as in years before. Most of these were from the Forestry Section. Witt moved and French seconded that the report be accepted. Motion passed.

Phil Banks presented the Research Committee report. The committee discussed the addition of a new format or criteria "New Weed Management Techniques and Herbicides" into the research report. This new criteria would include non-herbicide methods of weed control. No proposals for Board action were presented; however, the committee will continue their discussions. Banks moved and Cooper seconded that the report be accepted. Motion passed.

David Shaw gave the Newsletter Editor's report. Shaw reported that he would be turning over the duties of this post to the new editor. He appreciated the support and timeliness of the Board for articles and information included in the newsletter. Ratliff moved and French seconded that the report be accepted. Motion passed.

Mike French gave the WSSA Representative's report. Several members of SWSS received WSSA awards and recognition this past year. WSSA is in the final stages of having a Certification for Professional Weed Scientists. This will be administered by the American Society of Agronomy (ASA) through their ARCPACS committee. Applications for certification should be ready by the time WSSA meets in Denver in February. French moved and Banks seconded that the report be accepted. Motion passed.

Phil Banks presented the CAST report. A new executive vice president, Dr. Richard Stuckey, was selected recently to replace Dr. Stanley Wilson. Dr. Gale Buchanan has begun a strategic planning process for CAST to identify emerging issues before they become public issues. In other words, the organization should become more pro-active than re-active. CAST is presently short of funds; therefore, publication of some reports may be delayed. Barrentine asked Worsham to comment on some of the statements made in the CAST report, Agriculture and Water Quality. After discussion, Cooper moved and Chandler seconded that a letter be written by President Doug Worsham to Dr. Gale Buchanan expressing this Society's concerns about the portion of this particular publication dealing with herbicides. Motion passed. Cooper moved and Whitwell seconded that SWSS provide travel expenses to the next CAST Board meeting for the present and the newly elected CAST representative. Motion passed.

Don Murray gave the Secretary-Treasurer's report. The newly elected Officers and Board members were announced and the Board was informed that the Society continues to be financially sound. Cooper moved and Chandler seconded that the report be accepted. Motion passed. Chandler asked about the investment income for the Society. He recognized that we needed operating funds but at the same time we need to wisely invest at the highest safe interest rate.

Bob Schmidt presented the Business Manager's report. The Society membership number is continuing a downward trend; however, using preregistration as an indicator, the attendance at this meeting should be up. The Weed ID Guide continues to be the source of most of the Society's monies. The expenses for coke and coffee breaks appear to have been covered by industry donations. French moved and Witt seconded that the report be approved. Motion passed.

Larry Rogers presented the SWSS Endowment Foundation report. There is now about \$37,000 in the Foundation and it will again support the Graduate Student Awards. Donations will continue to be solicited. The meeting registration form now has a block to mark for donations to the Endowment Fund, but the response to this was not as good as expected. Rogers thanked the Board for transferring \$10,000 into the Endowment Fund. Barrentine moved and Cooper seconded that the report be accepted. Motion passed.

Phil Banks gave the Finance Committee report. The Weed ID Guide continues to earn money for the Society. Presently there is approximately \$350,000 in inventory of volumes 1 through 5. Volume 6 is due to be printed soon. The sale of the Guide has funded the Congressional Science Fellow and the Endowment Fund. Witt moved and Worsham seconded that the report be accepted. Motion passed.

Richard Hess, Congressional Science Fellow, gave a brief report. He will be working with SD Senator Daschle who serves on the Senate Agriculture Committee. Hess will also present a paper while at SWSS.

Jim Barrentine gave the Congressional Science Fellow Special (CSF) Committee

report for Jim Bone. An opinion poll taken by Bone showed more members in support of the CSF than not in support. These polls are important, but it imperative that they be conducted positively and correctly. This committee encouraged mid-career scientists to consider being a CSF. Witt moved and Whitwell seconded that the report be accepted. Motion passed.

Mike Chandler gave the Nominating Committee report. Witt moved and Shaw seconded that if a member of the Nominating Committee is elected to the Board their position on the committee be filled by a new appointee. Motion passed.

Mike Chandler presented the Awards Committee report. A slate of worthy candidates was nominated for each of the awards which will be presented at the Awards Banquet. Chandler moved and Banks seconded that the report be accepted. Motion passed. Banks moved and Shaw seconded that the name of the Weed Scientist of the Year Award be changed to the Outstanding Weed Scientist Award. Motion failed. Cooper moved and Witt seconded that Gene Wills remove "during the last 12 months" from the award criteria in the MOP. Motion passed.

Mike Chandler presented the 1994 Site Selection Committee report. Chandler moved and Cooper seconded that we accept the committee report and recommendation that we meet at the Hyatt Regency at the Dallas/Ft. Worth Airport. Motion passed.

Barry Sims gave the Resolution and Necrology Committee report. No deaths in the Society were reported last year. The resolution for an effective meeting will be considered at the Thursday Board meeting. Witt moved and Chandler seconded to accept the report. Motion passed.

Gene Wills gave the Constitution and Procedures report. All Board-approved revisions and directives to the MOP have been completed. Murray moved and Witt seconded that the report be accepted. Motion passed.

Tim Murphy presented the Legislative Committee report. There may be a need to write a position paper on "posting". Chandler asked about the possibility of a representative on this SWSS committee serving on the same WSSA committee. The Board agreed that in principle this is a good idea; however, this Board has no control over the selection of members to serve on the various WSSA committees. Barrentine commented that the chairman of this committee should probably be asked to serve more than 1 year. Barrentine moved and Cooper seconded that the report be accepted. Motion passed.

Doug Worsham presented the Program Committee report. The total number of papers, including posters, is higher than last year. There were more requests to present posters than space would permit and those extra requests were asked to make oral presentations. Cooper moved and French seconded that the report be accepted. Motion passed.



Bill Lewis gave a report on the Local Arrangements Committee. Everything to this point has moved well. The command of the hotel has changed, but that transition has gone well. There is no entertainment planned for the Awards Banquet this year. Murray moved and Banks seconded that the report be accepted. Motion passed.

Bill Vincell presented the Graduate Student Committee report. There was considerable discussion about unequal student numbers in the various competing sections. Murray moved and Cooper seconded that the report be accepted. Motion passed.

Dick Oliver reported on the Southern Weed Contest. Oliver asked the Business Manager for a close accounting of money available for the contest next year. French moved and Banks seconded that the report be accepted. Motion passed.

Jim Barrentine gave the Sustaining Membership Committee report. Sustaining membership continues to decrease. In 1987, there were 97 Sustaining Members, now there are 51. This decrease is due, in part, to two things. First several companies have merged and secondly, some have withdrawn because the dues were too high. At least four of the 1992 members did not renew this year because of perceived high dues. There was some discussion about the use of educational display space by non-members. Cooper moved and Banks seconded that only Sustaining Members or non-profit organizations will be permitted space for displays during the Society meeting. Motion passed. Banks moved and Murray seconded that the report be accepted. Motion passed.

Andy King presented the Placement Committee report. There continues to be more positions desired than positions available. The requests for positions available or desired will be forwarded to the WSSA Placement Committee chairperson following this meeting. The committee suggested that Ann Wiese be appointed the new committee chairperson by the President. French moved and Banks seconded that the report be accepted. Motion passed.

Jim Barrentine gave the Continuing Education Units Committee report for Donnie Dippel. Everything is in place to handle the paper work necessary to award meeting participants CEU's. Barrentine moved and French seconded that the report be accepted. Motion passed.

Don Murray gave the Graduate Student Room Reimbursement Committee report. The format used for reimbursing the graduate students for their rooms in 1992 worked well. No problems were reported and the procedure was not particularly burdensome on the Business Manager or the Secretary-Treasurer. During the summer Board meeting it was agreed that the same procedure be used in 1993. Therefore, each student will receive a check for \$72.80 provided they presented either a paper or poster and are in attendance at the awards banquet. The Graduate Student Program Committee chairman and the Newsletter Editor are to be commended for their accurate and timely notices to the students about the requirements to receive a room reimbursement. Murray moved and French seconded that the report be accepted. Motion passed.

Alan York presented the Public Relations Committee report. Following the 1992 meeting in Little Rock, the past committee chairperson, Ray Cooper sent press releases and photographs of award winners, officers, and winners of the Graduate Student Contest, as appropriate, to the agricultural press, local newspapers, universities, SWSS Newsletter, and WSSA Newsletter. Announcements of the 1993 meeting in Charlotte were communicated to key agricultural publications throughout North Carolina and the United States and were printed in their "calendar of events" sections. The Press Room and Public Relations Center will be manned during the meeting. Witt moved and Ratliff seconded that the report be accepted. Motion passed.

Dennis Elmore presented the Weed ID Guide Committee report. The 6<sup>th</sup> edition needs one more proofing and it will be ready for printing. A taxonomic key will not be included. A recommendation to put together a Forestry Weed Set is being formulated for Board discussion. Witt moved and Chandler seconded that the report be accepted. Motion passed.

Kim Winton reported on the activities of the Industry Sales Committee. The Weed ID Guide advertisement poster was displayed at the International Weed Science meeting in Australia. Banks moved and Witt seconded that the report be accepted. Motion passed.

Neil Rhodes gave the Academic Sales Coordinating Committee report. Sales of the Weed ID Guide continues to remain relatively strong. There is a need to reach consulting groups, small colleges, junior colleges, and high schools. The committee will meet this week and report to the Board on Thursday. Murray moved and Banks seconded that the report be accepted. Motion passed.

John Boyd reported on the Herbicide Symptomology Committee activities. Work is proceeding cautiously. The biggest problems facing the committee are (1) lack of a person such as Arlyn Evans who dedicated full-time to taking the photographs for the Weed ID Guide, (2) competition from herbicide symptomology guides already published, and (3) a decidedly smaller potential audience when compared to the Weed ID Guide. One advantage will be the coverage on crops such as rice and peanuts. Shaw moved and Cooper seconded that the Society proceed with the production of 2500 copies of the Herbicide Symptomology Guide. Motion passed. Murray moved and Witt seconded that the report be accepted. Motion passed.

Jim Barrentine gave the Historical Committee report for Harold Hurst. Items of historical interest were requested to be transmitted to the Department of Special Collections, Iowa State University Library. These included copies of the SWSS Newsletter, publications, programs, list of officers, and the accumulation of information in the files of Dr. Homer LeBaron. Witt moved and Shaw seconded that the report be accepted. Motion passed.

Phil Banks reported on the activities of the Special Committee on Herbicide Performance Guidelines. The committee has made several suggestions to revise and

improve the proposed EPA guidelines. These will be forwarded to EPA. Banks moved and Witt seconded that the report be accepted. Motion passed.

Under New Business, Bill Witt brought up the concern of unequal numbers of papers in the various sections of the Graduate Contest. The consistency of the contest is becoming a problem from year to year. The spirit of the contest is to have approximately equal numbers of students competing. Shaw moved and Witt seconded that the MOP be modified to read that the number of competing students in each section be 8 to 12 when ever possible. Motion passed:

Shaw moved and Cooper seconded that the meeting be adjourned. Motion passed and the meeting was adjourned at 12:46 p.m.

Respectively submitted  
Don S. Murray  
Secretary-Treasurer

## MINUTES OF THE SWSS EXECUTIVE BOARD

Adam's Mark Hotel  
Charlotte, North Carolina  
January 21, 1993

President Doug Worsham called the meeting to order at 7:10 a.m. and presented the Board with agenda items. Present were: President-Elect Phil Banks; Vice President Stephen Duke; Past President Jim Barrentine; Secretary/Treasurer David Shaw; Editor Joe Street; Newsletter Editor Dan Reynolds; Business Manager Bob Schmidt; WSSA Representative Don Murray; CAST Representative John Abernathy; and Board Members-At-Large Randy Ratliff, Susan Rick, Ted Whitwell, and Bob Hayes. Worsham welcomed the new members of the board. Barrentine moved and Street seconded that the agenda be approved. Motion passed.

Murray reviewed the minutes of the Monday, January 18, 1993 Board meeting. Murray moved and Shaw seconded that the minutes be approved as read. Motion passed.

Worsham gave the Endowment Foundation report for Larry Rogers. He indicated that no changes would be implemented from the previous year. The officers will remain in place for another year.

Worsham also covered the 1994 Local Arrangements Committee report for Paul Baumann. Baumann has appointed his committee members. The suggestion was made that the Local Arrangements Committee for each upcoming conference be encouraged to work with the committee for the current conference each year to provide added continuity and fewer surprises when they host the conference. Some concerns had been expressed about the lack of eating facilities and attractions for the spouses program, and also noise from the airport. However, these concerns are being addressed by the Local Arrangements Committee.

Banks gave an overview on the status of the 1994 program. The Program Committee has met and narrowed the themes to three: "Education in Weed Science - What Is The Cost Of Ignorance?"; "Ethics In Weed Science"; and "Integrated Pest Management - Where Does It Fit In?". Symposia topics identified included Electronic Media for Education and Biological Weed Control (with invited speakers from plant pathology and entomology). For the General Session, the focus will be on education, and a potential keynote speaker may be Richard Stuckey, Executive Vice President of CAST. The Business Meeting and General Session will be shortened to accommodate a Poster Session with no concurrent sessions.

The Resolutions and Necrology Committee provided a resolution commending the Adam's Mark Hotel, the Program Committee, and the Local Arrangements Committee for a well-run meeting. Banks moved and Ratliff seconded that the resolution be approved. Motion passed.

The sentiment was expressed that the Legislative Committee Chair should attend the annual trip to Washington, DC with the President and President-Elect. Banks moved and Street seconded that the SWSS will cover the expenses of the trip to Washington, DC for the Legislative Committee Chair for the current year. After discussion, Murray moved and Hayes seconded that

the motion be amended to delete the phrase "for the current year", so that this would be covered on an ongoing basis. Motion passed as amended.

Bill Lewis summarized the activities of the 1993 Local Arrangement Committee. Overall, the committee was pleased with the facilities and arrangements provided by the hotel. The expenses for the coffee and soft drinks during the breaks were \$300-\$500 more than expected, but it was the opinion of most that this is money well spent to keep attendees at the meeting site. The audio-visual and food service staff of the hotel were very responsive to problems and requests. Worsham thanked the Local Arrangements Committee for their efforts on behalf of the Board. The banquet program was also an appropriate length. Murray moved and Ratliff seconded that the 1994 Local Arrangements Committee be instructed that entertainment not be a part of the banquet program. Motion passed.

Worsham covered the Graduate Program Committee report for Bill Vencill. Several board members expressed concern over the equitability of size between different groupings. One section had only 4 in competition and, although it had originally had 6 and 2 dropped out, some adjustments should have been made for more parity between sections. Banks will work very closely with Joan Dusky, incoming Graduate Program Chair, on arrangement of papers to correct some of the problems with equity. Murray reported that disbursement of room reimbursements after the banquet worked very well again this year. Only one extra check had to be cut, and eight were returned because the students did not attend the banquet. Barrentine noted that the quality of papers and posters in the contest continues to improve.

Worsham gave the Congressional Science Fellow Committee report for Jim Bone. A poll of the membership will be conducted this spring to determine how they feel on the value of the Congressional Science Fellow program. This poll will be printed by April 1, and will be returned before the summer board meeting. The poll will emphasize that this is not a vote on funding, but rather a mechanism to gather opinion on the need for the program. It should be worded in a positive tone, and should also mention the current financial status of the Society, and that the Society can now afford to support this program due to the strong sales of the Weed ID Guides.

Banks provided a report on CAST activities. He will work with Doug Worsham on a letter expressing concern over some of the contents of the recent Water Quality report. CAST has depleted essentially all of their funds in printing recent reports, and others are ready for printing, awaiting funding. CAST is requesting that member organizations consider making one-time donations to print the backlog of reports currently ready. Each report costs approximately \$35,000 to print, and approximately \$150,000 is needed to print reports that are ready. Several of these deal with issues closely related to weed science, including: biological pest control in agriculture, animal well-being, host-plant resistance development, and alternative agriculture and the environment. The Natural Resources Defense Council will be issuing a report on Pesticide Residue Effects on Children, and CAST will need to be ready to respond to this report quickly. Currently, SWSS is paying approximately \$1,000 in dues to CAST, and this has declined somewhat in recent years with the decline in membership. Banks noted that the return on our investment is quite obvious with CAST. In the future, CAST plans to pare down the size of task forces and focus more concisely. Leadership changes within the organization have been dynamic,

and thus activities have increased. These activities should stabilize as the new leadership settles in. Barrentine moved and Murray seconded that the SWSS make a one-time donation of \$2,000 to CAST, earmarked for publication purposes this fiscal year. Motion passed. Worsham will write to CAST to inform them of this decision. WSSA Representative will report on this action and challenge other weed science societies to also support this effort.

A question of accountability of reports from CAST was raised. It was the feeling of the SWSS Board that supporting societies should at least be aware of contents prior to release. Worsham had discussed the Water Quality report with others in CAST since the January 18, 1993 Board meeting. This report generated a great deal of controversy in the task force over content. The offensive paragraph concerning herbicide toxicity is much more mildly worded than the original document. The author of that section, however, refused to remove it entirely after it was suggested that this occur. Worsham then reviewed a draft letter expressing concern over the section on herbicide toxicity, in relation to accuracy and necessity in a water quality publication. The letter will be sent to the CAST President and Executive Vice President, with a copy sent to the Writing Committee Chair. The letter will also seek a means to review contents of reports, as well as input on the assignment of writing committees.

Bob Schmidt gave the Business Managers report. Attendance at the meeting was 546 members and 123 students for a total of 669, which was down from the previous year and lower than projected. A total of 367 attended the banquet. Schmidt noted that assistance in registration was received from the Charlotte Chamber of Commerce and the North Carolina State University Weed Science secretarial staff.

Worsham covered the Long Range Planning Committee report for Alan York. The issues that they have identified as key to the future of the Society are: declining membership; low interest rates on investments in the SWSS Endowment Fund; continued support of the Congressional Science Fellow; continued success of the Weed ID Guide; and development of a computer database for the SWSS Proceedings. Since this committee has now been approved as a standing committee, it was felt that the makeup of the committee should be established so that continuity could be maintained. Murray moved and Ratliff seconded that the committee be composed of 8 individuals serving two-year terms, and that each year the Outstanding Young Weed Scientist and both Distinguished Service Award winners be appointed, along with a member-at-large to serve as vice-chair, assuming chairmanship the following year. Motion passed. The Board also encouraged more long-range planning and ideas from this committee.

Several means of reducing the size of the Proceedings were discussed. The two primary mechanisms identified were 1) submission of camera-ready copy fitting into a specified space and format; and 2) submission of diskettes so that each abstract could be fit into fractions of pages. Banks and Street will develop a proposal for submission to the Board at it's summer meeting.

Discussion of the value of the Congressional Science Fellow program occurred. The merit of this program is obvious in many ways, but is difficult to assess in others. The SWSS needs to encourage mature, established weed scientists to consider the Congressional Science Fellow as a potential sabbatical program.

Dennis Elmore has indicated that he is ready to relinquish chairmanship of the Weed ID Committee, although he would be willing to continue serving on this committee. Jim Stritzke has expressed willingness to serve as chair. Charles Bryson was also suggested due to his proximity to Elmore and Arlyn Evans. Linda Shackette of DuPont will be working with the photographs. The committee has also planned to develop a separate publication on forestry weeds; this will not be a seventh set of the Weed ID Guide. The committee also encouraged the revision of the advertising brochure to include Set 6 of the Weed ID Guide. A potential target market for the Weed ID Guide which has not been tapped is allergists and others in the medical profession.

Worsham gave the Continuing Education Units Committee report for Don Dimple. Activity and interest has remained high, with a number of people taking the tests for each session.

John Abernathy stated that a Weed Science Symposium will be held April 15, 1993, in Washington, DC. The primary thrust of this effort is to reach key legislative and agency staff members on the needs and concerns of weed science. Speakers will include Bob Zimdahl, David Bridges, Don Wyse, Jodi Holt, John Abernathy, and Harold Coble.

The summer board meeting will be held during the week of June 21, 1993, either early or late in the week. Worsham will coordinate with the Local Arrangements Committee and the hotel on available dates, and will notify the Board of the date as soon as possible. Schmidt reminded the Board that this has always been considered an Executive Board meeting, thus only the expenses of the President, President-Elect, Vice President, Past President, Secretary/Treasurer, Editor, Business Manager, Newsletter Editor, WSSA Representative, CAST Representative, and Chair of Constitution and Operating Procedures Committee have been reimbursed by the Society; board members-at-large are invited to attend, but are not reimbursed.

Barrentine moved and Banks seconded that the meeting be adjourned. Motion passed at 10:00 a.m.

**SWSS SECRETARY-TREASURER'S REPORT - Presented by Don S. Murray**

Ballots for the election of the offices of Vice President, Secretary-Treasurer, Editor, Board Member-Industry, Board Member-Academia, WSSA Representative, CAST Representative, and Member of Endowment Fund Board were mailed to all SWSS members. Ballots were returned to and tabulated by the Business Managers office. The officers elected for 1993-94 will be Vice President, Steve Duke; Secretary-Treasurer, David Shaw; Editor, Joe Street; Board Member-Industry, Susan Rick; Board Member-Academia, Bob Hayes; WSSA Representative, Don Murray; CAST Representative, John Abernathy; and Member of Endowment Fund Board, Jim Bone. A total of 345 ballots were cast which is 39% of the membership.

A detailed accounting of the financial condition of SWSS as conducted by Lafferty and Associates of Champaign, Illinois on May 31, 1992, follows.

**SOUTHERN WEED SCIENCE SOCIETY****BALANCE SHEET****May 31, 1992**ASSETSCURRENT ASSETS:

Bank - First of America	\$ 87,604.15	
I.M.M.A. American Savings	68,484.09	
Investments - A.G. Edwards & Sons	100,000.00	
Accrued Interest Receivable	<u>2,633.82</u>	
TOTAL CURRENT ASSETS		<u>\$ 258,722.06</u>
TOTAL ASSETS		<u>\$ 258,722.06</u>

LIABILITIESCURRENT LIABILITIES:

Due Weed Contest	\$ <u>4,795.16</u>	
TOTAL CURRENT LIABILITIES		\$ 4,795.16

EQUITY:

Equity	<u>\$ 253,926.90</u>	
TOTAL EQUITY		<u>\$ 253,926.90</u>
TOTAL LIABILITIES & EQUITY		<u>\$ 258,722.06</u>



**STATEMENT OF NET WORTH**  
**May 31, 1992**

Balance June 1, 1991	\$ 212,684.15
<b>ADDITIONS:</b>	
Net Earnings	<u>46,332.09</u>
Sub-Total	\$ 259,016.24
<b>DEDUCTIONS:</b>	
Transferred to Liability - Weed Contest	(5,089.34)
<u>Balance May 31, 1992</u>	<u>\$ 253,926.90</u>

**STATEMENT OF EARNINGS**  
**May 31, 1992**

<b>INCOME:</b>	
Members Dues	\$ 11,327.50
Sustaining Members	9,900.00
Research Methods	3,084.07
Proceedings	10,267.86
List Sales	240.20
Forest Research Methods	285.00
Annual Meeting	37,687.38
Weed I.D. & Binders	43,695.38
Slides	<u>4,472.00</u>
<b>TOTAL INCOME</b>	<b>\$ 120,959.48</b>
<b>EXPENSES:</b>	
Proceedings	\$ 10,843.13
Annual Meeting	32,298.92
Travel	5,533.29
General Printing	1,257.95
Postage	4,977.27
Insurance, Legal & Audit	1,394.00
Telephone	151.54
Management Fee	4,170.00
Organization Dues	1,000.00
Office Supplies	40.90
Newsletter	5,088.66
Congressional Fellow	10,000.00
Endowment Contribution	10,000.00
Forest Research Methods	<u>527.00</u>
<b>TOTAL EXPENSES</b>	<b><u>\$ 87,282.66</u></b>
<b>NET INCOME FROM OPERATION</b>	<b>\$ 33,676.82</b>

OTHER INCOME:

Investments	\$ 12,655.27	
TOTAL OTHER INCOME		\$ 12,655.27
NET EARNINGS		\$ 46,332.09

**STATEMENT OF CASH FLOW**  
**May 31, 1992**

CASH FLOWS FROM OPERATING ACTIVITIES:

Net Income		\$ 46,332.09
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ADJUSTMENTS TO RECONCILE NET INCOME TO NET CASH PROVIDED BY OPERATING ACTIVITIES:

I.M.M.A. - American Savings	\$ (3,550.05)	
Accrued Interest Receivable	(1,903.07)	
Net Adjustment - Weed Contest	( 294.18)	
TOTAL ADJUSTMENTS		\$ ( 5,747.30)
NET INCREASE IN CASH		40,584.79
CASH JUNE 1, 1991		47,019.36
CASH BALANCE MAY 31, 1992		\$ 87,604.15

## SWSS ENDOWMENT FOUNDATION REPORT

The 7th annual meeting of the SWSS Endowment Foundation (SWSS EF) Board of Trustees was held on January 21, 1992 at the Excelsior Hotel in Little Rock, Arkansas during the annual meeting of the SWSS. Members present were President Sheron McIntire, Vice President Larry Rogers, Secretary/Treasurer Larry Gillham and Paul Santelmann. Ex-officio members attending were Don Murray, SWSS Secretary/Treasurer and Bob Schmidt, SWSS Business Manager. Member-elect Dr. Ron Talbert also attended.

Discussions primarily focused on activities that had been or could be taken to raise additional funds for the SWSS EF. President McIntire sent a request to the 1991 summer meeting of the SWSS Executive Board in Little Rock for financial assistance by such options as direct contributions of surplus funds or allocation of part of annual SWSS registration fees. The SWSS Executive Board approved a donation of \$10,000 to the SWSS EF. The need for broader support of the SWSS EF by SWSS members was discussed, and SWSS Business Manager Bob Schmidt agreed to revise the SWSS annual meeting registration form to permit members to make contributions to the SWSS EF when registering for the annual meetings.

Dr. Ron Talbert was recognized as the newly elected member of the SWSS EF. Officers elected to serve for the new year were: Larry Rogers, President, Larry Gillham, Vice President, and Ron Talbert, Secretary/Treasurer.

President Sheron McIntire presented checks to winners of the the SWSS Graduate Student Contest at the Annual Awards Banquet. The objective of the SWSS EF to eventually cover all expenses of the Graduate Student Program at the annual meetings, and the need for small annual contributions from most members to help the SWSS EF create a financial reserve to do this, was discussed by President-Elect Larry Rogers.

Contributions were solicited for the SWSS EF in several SWSS Newsletters. An article was prepared for the December issue to discuss the history, goals and objectives of the SWSS EF, significant accomplishments during the year, and the need for members to use the new opportunity to make small annual contributions when registering for annual meetings.

The financial records of the SWSS EF were audited in November by Mrs. Sandra Reynolds, a certified public accountant, and found to be in order. The net worth of the SWSS EF is currently about \$37,000. The most significant contributions to the fund in 1992 included \$10,000 from the SWSS at the 1992 Summer Executive Board meeting, and \$1,680 from Oklahoma State University Weed Scientists, students, former students, etc. as the result of a fund raising challenge by them.

Respectfully submitted:

Larry Rogers, President  
Larry Gillham, Vice President  
Ron E. Talbert, Secretary/Treasurer  
Sheron McIntire  
Paul W. Santelmann



**GRADUATE PROGRAM COMMITTEE REPORT  
TO THE EXECUTIVE BOARD OF THE SWSS  
1993**

This year, we have had an increase in students participating in the SWSS meeting. A total of 100 students are attending the meeting and 51 will be participating in the SWSS Graduate Student Contest. The section breakdown is as follows:

Section I-A	Agronomy	Tuesday	7 papers
Section I-B	Agronomy	Tuesday	8 papers
Section IV+VIIA	Forestry Physiol.	Tuesday	2 + 7 papers
Section III + XI	Horticulture Soils	Wednesday AM	2 + 3 papers
Section VIIB	Eco., Phys.	Wednesday AM	4 papers
Section XIIA	Posters	Tuesday	10 posters
Section XIIB	Posters	Tuesday	8 posters

$$\begin{array}{r} 41 \\ 518 \\ \hline 33 \end{array}$$

In 1993, there was a significant increase in posters - 18 in 1993 compared to 11 in 1992. The large increase in posters required us to split the section into a Section XII-A and XII-B. We based this on subject matter for the most part. There was a large diversity of papers which necessitated the need to combine papers for different sections into "judging groups".

The graduate students participating in the contest represent the following states: Alabama (2), Arkansas (2), Florida (2), Georgia (2), Kentucky (4), Louisiana (1), Mississippi (8), Missouri (0), North Carolina (10), Oklahoma (8), South Carolina (2), Tennessee (4), Texas (5), and Virginia (1). The total number of graduate students making presentations in 1993 was 100. This is compared to 91 and 93 in 1992 and 1991, respectively.

All students representing institutions from the southern region, whether they were in the contest or not, were issued complimentary banquet tickets and were reimbursed for lodging expenses. This year, the lodging reimbursement was based on a set rate (\$72.80 per person), regardless of the lodging expenses incurred. Students were responsible for making their own roommate assignments and room reservations. These changes were printed in the August and December issues of the SWSS newsletter. In addition, the students, along with their faculty contacts, were notified of these changes via direct mailing. Other than a few isolated problems, this new procedure appears to be satisfactory.

The Committee would like to make the following suggestions:

1. The number of judges be reduced from 6 to 5 per judging section. It has become

increasingly difficult to find enough judges as the number of judging sections increase.

2. Nominate Joan Dusky as the Chair of the 1994 Graduate Program Committee.

Respectively Submitted,

Wayne Bugg  
Joan Dusky  
John Godley  
Jim Griffin  
G.L. Wiley

W.L. Barrentine  
Kevin Perry  
Barry Shiver  
Fred Yelverton

Drew Newcomer  
Tony Driver  
Doug Anderson  
William Vencill, Chair

## SOUTHERN WEED CONTEST COMMITTEE REPORT -- Presented by Dick Oliver

The 13th Annual Southern Weed Science Contest was held on July 21 at the Ciba-Geigy Delta Research Station, Greenville, Mississippi. The contest was sponsored by the Southern Weed Science Society and hosted by Ciba-Geigy. The event coordinators were Steve Moore and Barry Sims. 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 Ciba-Geigy personnel, and crops and weeds in each event were in excellent condition.

The eight southern universities participating in the event were the University of Arkansas, Auburn University, Louisiana State University, Mississippi State University, North Carolina State University, Oklahoma State University, University of Tennessee, Texas A & M University.

Winning Teams and individuals were as follows:

Team Awards:

- 1st Place - North Carolina State University (\$500)
- 2nd Place - University of Arkansas (\$300)
- 3rd Place - Mississippi State University (\$200)

Individual Awards:

- 1st Place - Nilda Burgos, University of Arkansas (\$400)
- 2nd Place - Frank Carey, University of Arkansas (\$250)
- 3rd Place - Ken Ferreira, North Carolina State University (\$100)
- 4th Place - Todd Baughman, Mississippi State University (\$75)
- 5th Place - Blake Brown, University of Tennessee (\$50)

The traveling "Broken Hoe" trophy was presented to the North Carolina State team at the awards banquet. Cash awards and plaques for winning teams and individuals were also presented. 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 Southern Weed Contest Committee again wishes to say thanks to Ciba-Geigy and to all participants, contest volunteers, and judges for making this year's contest one of the best ever. The Gandy Corporation provided the granular equipment and R & D Spraying Systems provided the backpack sprayers plus an additional \$1,000 each year for increased prize money.

The 1993 contest will be held in July at BASF research facilities in North Carolina.

Respectfully submitted,

C. T. Bryson	E. S. Hagood	S. Moore	M. G. Patterson	T. Whitewell
D. L. Colvin	R. M. Hayes	T. C. Muller	T. Porter	K. M. Winton
J. W. Everest	D. L. Holshouser	E. C. Murdock	D. R. Shaw	W. K. Vencil
J. L. Griffin	D. W. Monks	L. J. Newsom	J. F. Stritzke	W. W. Witt
			H. H. Walker	L. R. Oliver, Chairman