



*Howard O. S. Green*  
**Proceedings**

*Southern  
Weed Science  
Society*

**Challenges In Food Production**

*38th Annual Meeting  
January 14-16, 1985  
Houston, Texas*

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MINUTES OF SWSS 1984 SUMMER BOARD OF DIRECTORS MEETING  
Houston Hyatt Hotel  
June 29, 1984

The summer meeting of the SWSS Executive Board convened at the Houston Hyatt Hotel on June 29, 1984. Present were President Sheron McIntire, President Elect Ron Talbert, Vice President Homer LeBaron, Secretary-Treasurer William Witt, Past President Chester McWhorter, Editor Michael French, and Members-at-Large Roland Cargill and Gene Wills. Also in attendance were Arlen Klosterboer and Russ Andress, Chairman and Vice Chairman, respectively, of the Local Arrangements Committee and Dennis Elmore, Chairman of the Weed Identification Committee.

President McIntire called the meeting to order at 8:00 am and presented the agenda for the meeting. LeBaron moved and McWhorter seconded that the minutes of the Change-over meeting be accepted. Motion carried.

Witt reported on the results of the ballots pertaining to duties of the Editor and Vice President. Both changes in the By-Laws were approved by the membership and will be incorporated into the Manual of Operating Procedures.

Klosterboer reported on the progress of the Local Arrangements Committee. A banquet speaker had been arranged for and Klosterboer agreed to prepare a Newsletter article on travel accommodations and conditions into Houston for those that are driving and flying. It was the opinion of the Board that Local Arrangements member Dave Weaver needs to keep a close watch on graduate student rooms to avoid as many problems as possible. McWhorter moved and French seconded to authorize Local Arrangements to spend \$250.00 for the banquet speaker. Motion carried.

Witt presented the Finance report. French moved and Cargill seconded that the report be accepted. Motion carried.

The status of the weed identification publication was presented by Elmore. He reported that 50 species would be ready for printing by October 1. He also reported on a very positive response to a questionnaire on the quality and need for this type of publication. McWhorter moved and LeBaron seconded that an ad hoc Weed Identification Publication Committee be established to obtain bids on printing and handle details pertaining to promotion of the publication. In the discussion that followed, it was the consensus of the Board to get industry personnel involved since many of them have contact with printers. Cargill, Andress, and LeBaron agreed to contact printers in their areas and keep the Business Manager informed of their progress. Motion carried. A discussion on line drawings and distribution maps for this publication ensued. Elmore and his committee will decide when line drawings are needed. President McIntire expressed appreciation on behalf of the Society to Dennis Elmore and his committee for their dedicated service to the SWSS on this project. Talbert moved and LeBaron seconded that the Weed Identification Publication committee chairman will accept bids for publication, detail the publication

costs, and recommend a printer at the January Board meeting. Motion carried.

Talbert moved to change the format for the 1985 meeting as follows:

Monday

Executive Board	1:00 - 4:30 pm
Registration	1:00 - 7:00 pm
Displays	1:00 - 4:30 pm
Committee Meetings	1:00 - 4:30 pm
Developments from Industry	4:30 - 6:00 pm
Hospitality Suites	6:00 - 8:00 pm

Tuesday

General Session	8:00 - 10:00 am
Business Meeting	10:00 - 11:30 am
4-5 Sessions for paper presentations (16 papers each)	1:00 - 5:00 pm
Hospitality Suites	6:00 - 8:00 pm
Graduate Student Reception	6:30 - 7:30 pm
Las Vegas Night	9:00 - 11:00 pm

Wednesday

4-5 Sessions (16 papers each)	8:00 - 12:00 noon
4-5 Sessions (16 papers each)	1:30 - 5:00 pm
Hospitality mixer	6:00 - 7:00 pm
Awards Banquet	7:00 - 9:00 pm
Meeting Adjourned	9:00 pm

Thursday

Change over Breakfast	7:00 - 8:00 am
Executive Board Meeting	8:00 - 10:00 am

Motion was seconded by French. After discussion on costs of the meals and the possibility of a poster session, the motion carried.

Talbert moved and Wills seconded that the program theme be CHALLENGES IN FOOD PRODUCTION. Motion passed.

A report from R. E. Frans on the SWSS Endowment Fund was presented by Talbert. Recommendations to the Board were: 1) The Board of Directors, on behalf of SWSS, authorize the establishment of an SWSS Endowment Fund. 2) Proceeds or earnings from the SWSS Endowment Fund be utilized to

support the educational efforts of SWSS through its graduate student programs, such as, but not limited to, the Graduate Student Paper Contest, and Southern Weed Meet. 3) A SWSS Endowment Foundation be established as a non-profit corporation to administer, under the direction of the Board of Directors of SWSS, the SWSS Endowment Fund. 4) The SWSS Nominating Committee be charged with the responsibility of nominating a 5-member SWSS Foundation Board of Trustees. The Foundation Board would be responsible for developing By-Laws to govern management of the Fund and Foundation, and such By-Laws and future actions would require approval by the SWSS Board of Directors. Ex-officio members of the Foundation Board of Trustees would include the Chairman of the SWSS Finance Committee, the SWSS Sec.-Treas., and the SWSS Business Manager. Cargill moved and Talbert seconded to accept this report of the ad hoc committee on Endowment Fund. Motion carried.

LeBaron moved and Cargill seconded to sponsor a dinner banquet with Texas BBQ combination at a cost of \$15.00 per person attending. Motion carried.

A discussion on the mechanics of handling the mixer and dinner resulted in the Local Arrangements committee being in charge of the mixer.

McWhorter moved and McIntire seconded that key words be required with the abstract and submitted to facilitate indexing subject matter in the Proceedings. Motion passed.

Wills presented a report on changing the Nominating Committee and changes included in the MOP. Under these changes, the Nomination Committee shall be composed of the Past President as Chairman and seven other members which will be selected one each from the following geographical areas within the region of the SWSS: 1) TX-OK, 2) AR-LA, 3) MS-AL, 4) TN-KY, 5) VA-NC, 6) SC-GA, and 7) FL-PR. The nominating committee shall be selected before May 1. Wills moved and French seconded to accept this report. Motion passed.

Talbert moved and LeBaron seconded that the Display Committee be a standing committee and a ballot to the membership mailed with the call for papers. Motion carried.

Talbert moved and Cargill seconded to accept McWhorters recommendations on changing the membership of the Awards Committee. Motion carried.

McWhorter moved and French seconded that President McIntire write Bryan Truelove and express appreciation for his activity in conducting the Proceedings and Research Report cover contest and request his continued efforts on this matter. Motion carried.

Cargill moved and Witt seconded for adjournment. Motion carried and the meeting adjourned at 1:58 pm.

## MINUTES OF SWSS EXECUTIVE BOARD MEETING

Hyatt Regency Hotel  
Houston, Texas  
January 14, 1985

The Executive meeting of the SWSS Board of Directors was called to order at 1:00 pm, January 14, 1985 by President W. S. McIntire. Members present were President-Elect R. E. Talbert, Vice President Homer LeBaron, Past President C. G. McWorter, Secretary-Treasurer W. W. Witt, Editor C. M. French, Members at Large Gene Wills, John Taylor, Charles Swann, Roland Cargill, CAST Representative Wayne Houston, and WSSA Representative J. M. Chandler.

Minutes of the Summer Board meeting were presented by the Secretary-Treasurer. French moved and Cargill seconded acceptance of these minutes. Motion passed.

The Secretary-Treasurer's report indicated the Society to be in good financial condition with a total net worth of \$88,587.54 as of May 31, 1984. Of this amount, \$20,695.36 represented earnings from the past year. Assistant Business Manager Robert Schmidt reported the Society has 996 active and 614 inactive members. The 1984 Research Report was sold out (628 copies) and 700 copies of the 1985 Research Report were ordered. Proceedings Editor French and the Business Manager will work out the details of the number of the 1985 Proceedings to order. Witt moved, and French seconded, the acceptance of the Secretary-Treasurer report. Motion carried.

Arlen Klosterboer presented the Local Arrangements Committee report. He indicated excellent cooperation by the host hotel and pointed out that with the new program format the deadline for purchasing banquet tickets occurred earlier in the meeting and could result in reduced attendance at the banquet. He also indicated that earlier mailing of the program and hotel reservation cards would be beneficial.

Cleston Parris, Local Arrangements Chairman for 1986, reported on the status of the 1986 meeting to be held at the Opryland Hotel in Nashville, TN. Eight-hundred rooms have been blocked for the SWSS.

C. D. Elmore of the Weed ID Committee presented a proposal from that committee to accept the bid of KOWA Graphics Inc. of Champaign, IL to publish 10,000 copies of 50 weed species. This committee further suggested offering these leaflets for sale as sets or individually with sales handled by the Business Manager's office. A discussion of input of the member states of the Society into selecting species for publication ensued. It was agreed that it would be desirable to have a member from each state on the Weed ID committee. Cargill moved and Taylor seconded the acceptance of the Weed ID committee report. Motion carried. McWhorter moved that McIntire, Talbert, LeBaron, Witt, Baldwin, and Schmidt be in charge of reviewing the cost of publication and set the cost of the weed identification leaflets. Motion was seconded by LeBaron and was approved.

Program Chairman Talbert gave a brief update on the program. He indicated full sessions during the meeting and no major difficulties in arranging the program with the new meeting format.

Paul Zorner reported 40 graduate students submitted papers to the 1985 contest and were divided into five divisions for judging. In addition, 54 papers were submitted by graduate students but were not in the contest. The Board discussed a mechanism for graduate students to obtain Proceedings and decided that all graduate students be allowed to purchase the Proceedings at cost. Another discussion on eligibility of students in the contest was held and was initiated because some students have entered the contest and withdrawn just prior to the meeting. French moved and Talbert seconded that once a student enters the contest and subsequently withdraws, that student would lose eligibility in other contests. Motion failed. After further discussion, French moved and Will's seconded that once a student enters the contest and withdraws from the contest, but gives a paper, eligibility in entering the contest in that degree program is forfeited.

The new Newsletter Editor, Tom Peeper, presented a short report on the status of the Newsletter and indicated his plans for the upcoming year.

Editor Mike French presented the Editor's report and indicated the 1984 Proceedings contained 175 abstracts and 37 papers. This was the lowest total since 1981. Eleven hundred, fifty copies were printed. Taylor moved and Cargill seconded the acceptance of the Editor's report. Motion carried.

The Nominating committee report was made by Chester McWhorter. Those nominated were: Vice-President - R. Larry Rogers and John Abernathy; Board Member at Large, Public Sector - Philip A. Banks and Thomas F. Peeper; Board Member at Large, Industry Sector - Dale A. Kinney and J. R. Bone. Those elected by the membership were R. Larry Rogers for Vice-President, Philip A. Banks and J. R. Bone for Board Members at Large.

Glen Glover, chairman of the ad hoc committee on Research Standardization in Forest and Range Management, reported the progress made by this committee. He recommended continuation of the committee for another year and requested publication of a manual on research methodology in these disciplines. LeBaron moved and Talbert seconded acceptance of this report. Motion carried. Discussion followed on the possibility of including this publication as a part of the SWSS Research Methods Manual. This possibility will be evaluated as the Methods Manual nears completion.

Phil Banks reported on activities of the Display committee. He reported that display space was requested from 16 organizations: 3 from Extension; 2 from Weed Science organizations; 1 from CAST; and 10 from Sustaining Members.

Chester McWhorter presented the Awards committee report. Award winners were James F. Miller for the Distinguished Service Award (Academia); Arlyn Evans, Distinguished Service Award (Industry); Jerome B. Weber, Weed Scientist of the Year Award; and William W. Witt for the Outstanding Young Weed Scientist Award.

McWhorter moved and Cargill seconded to change the By-laws to accept quarterly reports from the Business Manager. Motion carried.

In an effort to receive maximum benefit from Society investments, the Business Manager suggested the Society invest with A. G. Edwards & Sons, Inc. LeBaron moved that the President, President-Elect, Business Manager, and Assistant Business Manager can invest SWSS funds with A. G. Edwards & Soons, Inc. Motion was seconded by Chandler. Motion carried.

The latest schedule for completion of the Research Methods Manual is June 1, 1985, with publication anticipated prior to January 1, 1986.

A discussion of Society funding for the Southern Weed Science Contest failed to resolve a role of the Society for underwriting the cost of this function. Several suggestions were made, with most centering around the need for Southern Weed Contest committee to present a firm dollar amount that the Society would need to contribute. No action was taken on this item.

WSSA Representative Chandler reported on WSSA functions during the year. SWSS members winning awards at the 1984 WSSA meeting included Gale Buchanan, WSSA Fellow; Ford Baldwin, Extension Award; Doug Worsham, Teaching Awards; Steve Duke, Outstanding Young Weed Scientist; and E. P. Flint and D. T. Patterson, Outstanding Article in Weed Science.

CAST Representative Houston reported on CAST activities during the past year. Eight weed scientists were involved in CAST publications in 1984 and 16 weed scientist are serving on task forces in 1985. Fifteen percent of the SWSS membership are individual members of CAST.

Houston moved for adjournment at 5:30 pm. French seconded the motion and it carried.

MINUTES OF SWSS ANNUAL BUSINESS MEETING  
 Hyatt Regency Hotel  
 Houston, Texas  
 January 15, 1985

SECRETARY-TREASURER'S REPORT -- Presented by William W. Witt

Three ballots were mailed to the membership. Slight changes in the duties of the Vice President (By-Law Article II Section 3 c) and Editor (By-Law Article II Section 5 a and d) were approved by a large margin. By another large margin the membership voted to make the Display Committee a standing committee of SWSS.

The Society remains in sound financial condition. Net earnings increased by \$20,695.36 as of May 31, 1984. Of this amount, \$14,801.03 were earnings from operations of the society and the remaining from investment income. The society lost \$448.96 on the annual meeting which was much less compared to previous meetings. The change in registration fees for graduate students and the policy of not supplying proceedings to graduate students resulted in a near break-even meeting.

Following is a balance sheet and statement of earnings for the SWSS as of May 31, 1984. The financial account of the Society was audited by Virgil F. Lafferty & Son for the fiscal year ending May 31, 1984.

BALANCE SHEET

ASSETS

Current Assets

Cash in Bank - First National	\$ 8,699.71	
Cash in Bank - Money Market	59,014.00	
Cash in Bank - I.M.M.A.	20,186.39	
Accrued Interest Receivable	540.61	
TOTAL CURRENT ASSETS		\$88,440.71

Fixed Assets

Equipment	\$ 233.07	
Less: Allow. for Depreciation	86.24	
TOTAL FIXED ASSETS		\$ 146.83
TOTAL ASSETS		\$88,587.54

LIABILITIES

Net Worth

Beginning Balance	\$67,892.18	
Plus: Current Earnings	20,695.36	
TOTAL NET WORTH		\$88,587.54
TOTAL LIABILITIES & NET WORTH		\$88,587.54



FINANCE COMMITTEE REPORT -- No Recommendations (Refer to Secretary-Treasurer Report).

GRADUATE PROGRAM COMMITTEE REPORT -- Presented by Barry Brecke, Co-chairman  
and Paul Zorner, Co-chairman

A total of 40 graduate students submitted papers to the 1985 contest. These papers were divided into 5 divisions of eight papers with no more than two students from the same university in a single section. Two former first place winners submitted papers to be judged as part of the contest, but were not eligible to receive an award. Twenty-five SWSS members volunteered their time to serve as judges for the contest. The majority of these people have served as judges in two consecutive contests prior to this year.

In addition to those papers submitted for judging as part of the contest, 54 papers were submitted by graduate students as part of the SWSS graduate program. These students and the contest participants received an invitation to the graduate student reception, a complementary banquet ticket, and were eligible for free housing. Faculty contacts, established at each participating university in 1984, helped coordinate room assignments and remind students of important deadlines.

Section X, which allowed contest winners to present their papers to the society a second time, was eliminated from this year's meeting as a result of the reorganization to a two day meeting.

Respectfully submitted,

Mary Ketchersid  
J. D. Green  
Tom Monaco  
Louis Lynn  
Barry Brecke, Co-chairman  
Paul Zorner, Co-chairman

PLACEMENT COMMITTEE REPORT -- Presented by W. Eugene Thilsted

The Placement Service had a total of 39 individuals desiring positions and 13 positions available. Two B.S., 20 M.S., and 17 Ph.D. graduates were desiring positions. Five graduate assistantships and 10 professional positions were available. A message file system was used for communication between interested parties and a room was available for interviews during the SWSS meeting. All positions desired and positions available forms were passed on to the Placement Service of the Weed Science Society of America.

Respectfully submitted,

V. Dean Bell  
Mike T. McCarty  
Don S. Murray  
Tomie J. Runyan  
Alan C. York  
Mark C. Boyles, Co-Chairman  
W. Eugene Thilsted, Chairman

PROGRAM COMMITTEE REPORT - Presented by Ronald Talbert

Due to the limited attendance at the Thursday sessions using our old meeting format, a new meeting schedule of events as approved by the Executive Board at its summer meeting, was tried at the 1985 meeting at the Hyatt Regency in Houston. The formal Thursday morning program was dropped and included in a more condensed program on Tuesday and Wednesday. Other changes included:

1. Registration began Monday morning and attendees were urged to get to the meeting by noon Monday for committee meetings, tours, and business contacts. The displays were also set up by noon on Monday.
2. The formal program began with a special symposium - Use of New Herbicides in Southern Forests at 2:00 p.m. Monday. The developments from Industry session was also moved to Monday 4:30 to 6:30 p.m.
3. The General Session and SWSS Business Meeting was held Tuesday morning.
4. Companies were encouraged to use Monday and Tuesday evenings for hospitality suites.
5. The Social Hour and Awards Banquet closed the meeting Wednesday evening.

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

The 5th Annual Southern Weed Contest was held on July 17 at the Pee Dee Experiment Station in Florence, South Carolina. The contest was sponsored by the Southern Weed Science Society and hosted by Clemson University. Coordinators of the event were Drs. Ted Whitwell and Ed Murdock. A vigorous day of contest activities challenged the skills of each participant in weed and seed identification and identification of unknown herbicides in the morning and crop/weed problem solving and liquid sprayer and granular applicator calibration and problem solving in the afternoon.

The seven southern universities participating in the event were Auburn University, University of Arkansas, University of Florida, University of Georgia, Louisiana State University, North Carolina State University, and Virginia Polytechnic Institute.

Winning teams and individuals were as follows:

Team Awards:           1st Place - University of Arkansas  
                          2nd Place - North Carolina State University  
                          3rd Place - University of Florida

Individual Awards: 1st Place - Dale Monks  
  University of Arkansas  
                          2nd Place - Charlie Guy  
  University of Arkansas  
                          3rd Place - Barry Sims  
  University of Arkansas

A barbeque lunch was provided by Monsanto, and an awards banquet was sponsored by BASF. At the awards banquet the traveling "Broken Hoe" trophy was presented to the Arkansas team for the second 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 1984 contest was made possible as a result of contributions from: Alabama Society of Weed Science, American Cyanamid, American Hoechst, BASF, Chevron, Ciba-Geigy, Dow, DuPont, Florida Weed Science Society, FMC, Lilly/Elanco, ICI Americas, Mobay, Monsanto, Nor-Am, PPG, Rhone-Poulenc, Rohm & Haas, Stauffer, Union Carbide, Uniroyal, and Zoecon. The Gandy Company and R & D Spraying Systems provided the equipment and helped conduct the sprayer calibration event.

The 1986 contest will be held on July 16 at the BASF Research Farm, Greenville, MS.

Respectfully submitted,

P. A. Banks	A. V. Tasker	E. S. Hagood	E. Murdock
W. L. Currey	H. D. Coble	T. Whitwell	L. R. Oliver,
J. M. Chandler	D. S. Murray	J. E. Street	Chairman
A. H. Walker	L. M. Kitchen	M. E. Kurtz	