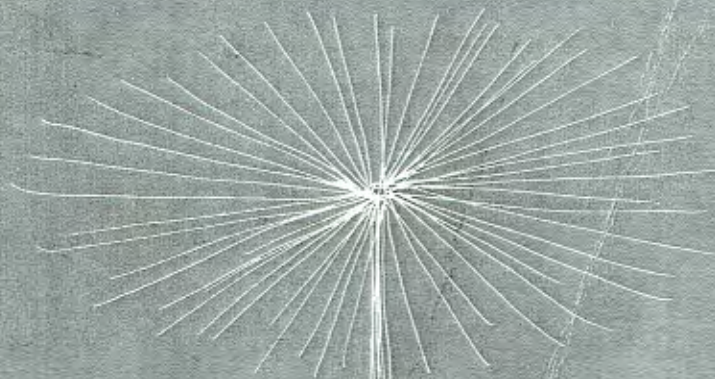


Southern Weed Science

S O C I E T Y

a proud past, a promising future



PROCEEDINGS

40th ANNUAL MEETING

Orlando, Florida

January 12-14, 1987

MINUTES OF SWSS EXECUTIVE BOARD MEETING

Orlando Hyatt
Orlando, Florida
January 12, 1987

The executive meeting of the Southern Weed Science Society Board of Directors was called to order at 7:30 am on January 12, 1987. In attendance were H. M. LeBaron (President), R. L. Rogers (Preseident-Elect), L. B. Gillham (Vice President), W. W. Witt (Secretary-Treasurer), C. M. French (Editor), R. E. Talbert (Past President), P. A. Banks (Member-at-Large), T. J. Sheets (Member-at-Large), J. R. Bone (Member-at-Large), R. H. Crowley (Member-at-Large), J. M. Chandler (WSSA Representative), W. Houston (CAST Representative), and G. D. Wills (Chairman, Constitution and Operating Procedures).

Minutes of the Summer Board meeting were read by Witt and accepted. Witt presented the Secretary-Treasurer's report and he moved to accept the report as given. Rogers seconded and the motion was approved.

Witt presented a report on the activities of the Management Services and a meeting he attended as a representative of the SWSS. Banks moved that Witt represent the SWSS Secretary-Treasurer at future Management Services meetings. Gillham seconded and the motion passed.

Wayne Currey, Chairman of the Local Arrangements committee presented a report on the status of room reservations and arrangements for the meeting. Howard Greer, Local Arrangements Chairman for the 1988 meeting made a presentation on the progress of the Tulsa meeting. He reported that 400 rooms would be available in the headquarters hotel and 200 additional rooms at a second hotel would be available for the meeting.

Robert Schmidt presented the Business Manager's report and the status of the Society's projects. The Finance Committee report was given by Larry Rogers. He reported that the financial status of the SWSS was in a state of flux because of the the many and varied projects that are currently in progress. Because of the Society involvement in publications (Methods Manual, Weed ID Guides, Cumulative Index), the cash reserve of the Society could be markedly lower. However, the outlook for the Society's financial outlook is bright since the book value of publications on hand is projected to be about \$266,000 on May 31, 1987. Crowley moved to accept the Financial report. Chandler seconded and the motion passed.

Mary Ketchersid reported that 99 graduate students would attend the meeting and 38 were in the student paper contest. Lodging for the students would be about \$20.25 per night for each student. Gillham moved to accept the report and Crowley seconded. Motion passed.

Tom Peeper presented the Newsletter editor's report. He indicated the need for pictures of the officer groups, more participation from sustaining members, and more information from committee chairman on committee activities. Witt moved that the Editor transmit committee reports to the Newsletter Editor after each Board meeting. French seconded and the motion passed. After much discussion, Talbert moved to have a third issue of the Newsletter with a November mailing. Bone seconded and the motion passed.

Dennis Elmore presented the status of Vol. III of the Weed ID Guides. He indicated that the next 50 species could be ready by the end of the year. The Board decided, because of the financial status of the Society, that any action on proceeding with printing of this volume would be decided on at the summer Board meeting. Gillham moved, and Bone seconded, that the committee report be accepted. Motion passed.

Robert Hoagland reported on the Cumulative Index. He suggested that an index be prepared every five years. Talbert moved to accept the report. Chandler seconded and the motion passed.

Charles Moore reported on the activities of the Site Selection committee. The committee will survey sites in the mid-South for the 1989 meeting. French moved to accept his report. Gillham seconded and the motion passed.

Ray Cooper, chairman of the Public Relations committee, requested the SWSS to pay \$153.00 (\$63.00 for mileage, \$60.00 for photography charges, \$30.00 processing) for expenses incurred for photographs at the meeting. Rogers moved to that the Society pay this expense. Banks seconded and the motion passed.

Ed Murdock presented the report of the Display committee. Sheets moved to accept the report. Banks seconded and the motion passed.

Robert Frans, Chairman of the Endowment Foundation Board of Trustees, reported on the activities of the Endowment Foundation. Gillham moved to accept the report and the By-Laws of the SWSS Endowment Foundation. Bone seconded and the motion passed.

Dwight Camper reported on the status of the Research Methods Manual. Sheets moved to accept the report. Bone seconded and the motion passed.

T. R. Dill presented a report of the Sustaining Membership committee. After much discussion on the types of sustaining memberships, Rogers moved to have Dill survey SWSS sustaining members and determine interest in a lifetime sustaining membership and report to the Board at the summer meeting. Bone seconded and the motion passed. Banks moved to accept the report of the Sustaining Membership committee. Chandler seconded and the motion passed.

Mike French presented the Editor's report and moved that it be accepted. Crowley seconded and the motion passed.

Wayne Houston presented the CAST report and moved that it be accepted. Bone seconded and the motion passed.

The Resolutions and Necrology committee report was given by P. A. Bauman. Sheets moved to accept the report. Chandler seconded and motion passed.

The report on the Southern Weed Meet was given by Dick Oliver. Gillham moved to accept the report. Banks seconded and the motion passed.

The Legislative committee report was given by Paul Zorner. Sheets moved to accept the report. Houston seconded and the motion passed.

Sheets moved to accept the report of the Research Standardization in Forest and Range Management committee. Banks seconded and the motion passed.

The Terminology committee report was presented by Ted Whitwell. Sheets move to accept the report. Gillham seconded and the motion passed.

Larry Rogers presented the Program committee report. Gillham moved to accept the report. Crowley seconded and the motion passed.

The Research Report activities was given by Larry Gillham. He presented the results of a survey he conducted on the usefulness of the Research Report. After discussion by the Board, Sheets moved to accept the report and the recommendation that the Research Report be discontinued and the Weed Survey and Economic Losses portion be included in the SWSS Proceedings every three years. Houston seconded and the motion passed.

The WSSA report was given by Mike Chandler. Bone moved to accept the report. Talbert seconded and the motion passed.

Ron Talbert presented reports of the Awards and Nominating committees. Sheets moved to accept and follow the recommendations of the reports. Banks seconded and the motion passed.

Gene Wills gave the report of the Constitution and Operating Procedures committee. Chandler moved to accept the report and Bone seconded. Motion passed.

The meeting adjourned at 1:10 pm.

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

A ballot was mailed to the membership pertaining to changes in duties of the President Elect (Sec. 2) and Vice-President (Sec. 3) in the SWSS By-Laws. Both proposed changes dealt with appointment of program Chairmen and Vice-Chairmen. Both changes were approved by the membership.

The Secretary-Treasurer represented the Society as a member of a Management Services Policy Committee formed by the American Dairy Science Association. This committee is composed of representatives of each society that utilizes the management services of ADSA. The function of the committee is to offer suggestions on matters of the management service policy that would effect the SWSS. This allows our Society to have a voice in the policy matters of this a management service.

The financial condition of the Society is good, with the potential for increased income from the roles of the Weed ID publications, the methods of Weed Science Research book, and the Cumulative Index. However, the Society continues to lose money on the annual meeting (\$8,421.32). A major expense is the complimentary rooms and banquet tickets provided graduate students attending the annual meeting.

Enough copies of the first Weed ID publication have been sold to pay for the cost of printing.

A detailed accounting of the financial condition of the Society, as of May 31, 1986, follows.

GRADUATE PROGRAM COMMITTEE REPORT -- Presented by Mary L. Ketchersid

A total of 38 graduate students entered papers in the 1987 SWSS Graduate Student Paper Contest held during the annual meeting in Orlando, Florida. These papers were divided into five groups placed in Sections IA, II, III, VII, and XI, with 7 to 9 papers in each group. There were five judges in each section for a total of 25. Of the judges, 14 volunteered again after judging in the 1986 contest, 11 were added this year, and three stood by as alternates. Twelve of the 13 states had student papers entered in the contest with North Carolina, Arkansas, Texas, and Oklahoma leading in numbers with 7, 6, 5, and 5, respectively. Eight of the other states sent from 1 to 3 contestants each. Of the contestants, 31 were M.S. and 7 were Ph.D. candidates.

In addition to those entered in the contest, 61 graduate students representing all 13 southern states presented papers or posters as part of the SWSS program. Arkansas, Oklahoma, Mississippi, and North Carolina led by bringing 15, 14, 13, and 13, respectively. Of the non-contestant participants, 30 were M.S. and 31 were Ph.D. candidates.

All student participants in the SWSS program were invited to the SWSS Reception, received a complimentary banquet ticket, and were eligible for housing cost reimbursement amounting to \$20.25 per day per student for the three days of the conference. Faculty contacts at each participating university coordinated the exchange of information between the committee and the students.

First and second place awards of \$50.00 and \$30.00, respectively, were given in each of the five divisions. Each award winner also received a framed certificate. The certificates and awards were provided by Union Carbide Corporation. The award winners were as follows:

[SEE ATTACHED LIST]

Respectfully submitted,

Louis Lynn
Thomas Monaco
Neil Rhodes
Vernon Langston
Barry Brecke - 86
Lynn Kitchen - 88
Mary Ketchersid - 87, Chairman

Section IA. Weed Control in Agronomic Crops

First Place - Comparative growth and development between palmeri and smooth pigweed biotypes. Robert K. Brenton*, and B.J. Gossett, Clemson University, Clemson, SC.

Second Place - Effect of bentazon, imazaquin, or chlorimuron on the activity of haloxyfop fluazifop. Kent A. Croon*, Texas A&M University, College Station, TX, K. R. Norton and M. G. Merkle, Texas Agricultural Experiment Station, College Station, TX.

Section II. Turf Pature and Rangeland

First Place - Horsenettle response to new soybean herbicides. J. Andy Kendig* and R. E. Talbert, University of Arkansas, Fayetteville, AR.

Second Place - Terbacil tolerance in alfalfa. T. Kent Woodwall*, J. F. Stritzke, and J. L. Caddell, Oklahoma State University, Stillwater, OK.

Section III. Weed Control in Horticulture Crops

First Place - Response of greenhouse Azalea and Hydrangea to herbicides. Barbara A. Moore*, R. A. Larson, and W. A. Skroch, North Carolina State University, Raleigh, NC.

Second Place - Correlation of vegetable crop growth to chlorimuron and cinmethylin soil concentrations. Tom G. Boucounis* and T. Whitwell, Clemson University, Clemson, SC.

Section VII. Ecological and Physiological Aspects of Weed Control

First Place - Modeling phenological development of weed populations. David C. Bridges* and J. M. Chandler, Texas Agricultural Experiment Station, College Station, TX.

Second Place - Vapor techniques for screening wheat varieties for triallate resistance. Randy S. Currie* and T. F. Peeper, Oklahoma State University, Stillwater, OK.

Section XI. Soil and Environmental Aspects of Weed Science

First Place - The influence of simulated rainfall on soil activity of cinmethylin. Steve G. Russel*, T. J. Monaco, J. B. Weber, North Carolina State University, Raleigh, NC.

Second Place - Effect of soil pH and placement on sulfonamide herbicides. Raymond C. Miller* and M. G. Merkle, Texas Agricultural Experiment Station, College Station, TX.

HISTORICAL COMMITTEE REPORT - Presented by Morris G. Merkle

The activities of the Committee were closely correlated with those of the Program Committee. The curator of the SWSS Archives was contacted to obtain information for use by the speakers at the General Session. Unfortunately there are a few photographs and memorabilia on file in the archives.

At President Le Baron's request, an attempt was made to locate all of the Charter Members of the SWSS. Of the 73 original members, 34 are still living, 26 are deceased, and 11 could not be located.

The Historical Committee requests that those having memorabilia of the Society's early history contact the Committee. Also, the Society should take steps to insure that photographs of officers, award winners, etc., are forwarded to the archives.

Respectfully submitted,

G.A. Buchanan
D.E. Davis
C.G. McWhorter
M.G. Merkle, chairman
P.C. Quimby
P.W. Santelmann

PLACEMENT COMMITTEE REPORT -- Presented by Tomie J. Runyan

The Placement Service had a total of 36 individuals desiring positions and 9 positions available. Two B.S., 16 M.S., and 18 Ph.d graduates were desiring positions. Two graduate assistantships, one industry, four University and two State 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 position desired forms and position available forms were passed on to the Placement Service of the Weed Science Society of America.

Respectfully submitted,

Charles L. Cleary
Jerry Reeves
Daniel B. Reynolds
W. Eugene Thilsted
M. Leon Fischer, Co-Chairman
Tomie J. Runyan, Chairman

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

The 7th Annual Southern Weed Contest was held on July 15 at the Ortho Mid-South Field Research Station in Greenville, Mississippi. The contest was sponsored by the Southern Weed Science Society and hosted by Chevron Chemical Company. Coordinator of the event was Dr. Bob Kincade. 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 the 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 University of Arkansas, Clemson University, University of Florida, Louisiana State University, Mississippi 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 - Clemson University
 3rd Place - North Carolina State University

Individual Awards: 1st Place - Robert Bozsa
 University of Arkansas
 2nd Place - Kevin Hahn
 North Carolina State University
 3rd Place - Terry Kelley
 University of Arkansas

At the awards banquet the traveling "Broken Hoe" trophy was presented to the Arkansas team for the fourth year in a row along with cash awards and plaques for winning teams and individuals. Entertainment was provided by Son Thomas, a delta blues musician. 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 1986 contest cash awards and plaques were made possible as a result of contributions from: American Cyanamid, American Hoechst, Chevron, Dow, DuPont, Lilly/Elanco, ICI Americas, Stauffer, and Zoecon. The Gandy Company provided the granular equipment and helped conduct the granular calibration event. R & D spraying systems provided the backpack sprayers.

The 1987 contest will be held July 21 at the ICI Research Farm, Goldsboro, NC.

Respectfully submitted,

P. A. Banks	E. S. Hagood	G. N. Rhodes	W. W. Witt
J. M. Chandler	R. T. Kincade	D. R. Shaw	L. R. Oliver,
W. L. Currey	L. M. Kitchen	B. Strickland	Chairman
R. S. Colby	E. C. Murdock	R. H. Walker	
H. D. Coble	D. S. Murray	T. Whitwell	

SUSTAINING MEMBERSHIP COMMITTEE REPORT -- Presented by T. Robert Dill

During 1986, we continued efforts to contact potential Sustaining Members as well as provide productive contacts with current Sustaining Members. We lost several members for one reason or another again this year but gained 11 new members to help offset some of the losses.

Major activities included the normal mailings to Sustaining Members concerning dues and meeting information as well as contacting potential new members. Arrangements have been made for 1986 members to receive the "1986" insignia for their plaque or, if new member, receive their plaque. Contacting members that express an interest in maintaining their membership but have not yet paid, continued to be time-consuming. We still have 13 members that have not paid.

Financial support received from Sustaining Members and Sustaining Members paid for 1986 as of this writing include:

	27 paid \$ 75.00 = \$2,025.00
	<u>63 paid \$100.00 = \$6,300.00</u>
Total	90 members and \$8,325.00

We expect to receive dues from additional 1986 members.

Direct costs to the SWSS have been minimal with \$108.33 spent for postage and insignias. Forthcoming expenses for plaques and mailings are estimated to be \$330.00.

Much of the Sustaining Membership Committee work is routine mailing of invoices, notices, follow-up, etc., which would probably be done more efficiently in the offices of the business manager. We should consider allowing the business manager to perform these routine mailing and maintenance of the Sustaining Membership list. We suggest this be considered during 1987.

Respectfully submitted,

R. H. Crowley	D. E. Kelly
L. R. Hawf	T. R. Dill, Chairman

WEED ID COMMITTEE REPORT -- Presented by C. D. Elmore

A second edition of the Weed ID Guide was prepared for publication with 50 additional species. Included in the list were additional grass and grass-like weeds (3), a pigweed, 2 nightshades, and groups of chenopod-polygonum, legumes, euphorbs, mallows, perennial vines, and a group of miscellaneous weeds. We have also prepared a proposed list of future additions to the Weed ID Guide provided the Board of Directors agrees. This list contains about 150 species, with a time frame of two years to accomplish. Comments and suggestions by members of the Southern Weed Science Society on the project are encouraged.

Respectfully Submitted,

C. T. Bryson	P. D. Haragan
W. S. Skroch	L. R. Oliver
E. C. Murdock	J. F. Stritzke
J. Cardina	D. S. Murray
D. Hall	A. W. Wiese
E. J. Retzinger, Jr.	C. D. Elmore, Chairman

MINUTES OF THE SWSS EXECUTIVE BOARD
Hyatt Orlando, Kissimmee, FL
January 15, 1987

President Larry Rogers called the meeting to order at 7:15 a.m. The incoming 1987-88 officers of the society were recognized and were: President - Larry Rogers, President-elect, Larry Gillham, Vice-president - Dick Oliver, Past-president - Homer LeBaron, Secretary/Treasurer - Phil Banks, Editor - Doug Worsham, WSSA Representative - Harold Coble, CAST Representative - John Abernathy, Members-at-Large from Academia - Jack Sheets and Wayne Currey, Members-at-Large from Industry - Hugh Crowley and Charles Moore, and Constitution and Operating Procedures - Ex-Officio - Gene Wills. All were present except for John Abernathy. Bob Schmidt representing the Business Office was also present.

The 1987 meeting was discussed and no serious problems in the operation of the meeting were determined. Bob Schmidt reported that there were 804 individuals and 53 spouses registered for the meeting. He said that 413 people had attended the previous night's Award Banquet. The Board agreed to continue the Monday, Tuesday, Wednesday schedule for the 1988 meeting in Tulsa with the Awards Banquet to be held on Wednesday night. Gene Wills moved that the summer Board of Directors meeting be held at the Sheraton-Kensington Hotel in Tulsa on June 26, 1987. Seconded by Oliver. Motion was approved.

The 1988 meeting was discussed and Larry Gillham solicited suggestions for the program. President Rogers indicated that a new chairperson of the Site Selection Committee had been chosen, Doug Baird, and that a meeting site in the mid-South should be considered for 1989. The committee is to report its recommendation to the Board at the summer meeting in Tulsa.

Due to the deletion of the Research Report, new duties for the Vice-president will be considered and discussed at the summer meeting. Dick Oliver will assist President Rogers and Ford Baldwin in handling the publicity of the Societies publications. Discussion of these publications, lead by LeBaron, ensued. LeBaron moved that the Board approve up to \$3,000 for the printing of a publicity brochure to advertise the Societies publications. Seconded by Sheets. The motion was discussed. Motion passed.

Further discussions of how to publicize these publications continued with contacts to be developed in each state and industry. LeBaron, Rogers, and Oliver will have a display at the February WSSA meeting in St. Louis. Coble suggested displays at other professional meetings such as American Society of Agronomy.

President Rogers suggested that Oliver assist the Program chairman with the Awards Program in 1988. All agreed. The Research committee will be retained but reorganized and Oliver discussed the inclusion of the Economic Losses, Weed Survey, and Extension Publications on a three year rotating basis, one each year, in the Proceedings. It was also

suggested to include a section concerning information on new herbicides each year.

LeBaron informed the Board as to his interaction with the Weed Science legislation liaison group composed of the WSSA president and all regional Weed Science society presidents. The actions of this group were outlined. Moore moved that Homer LeBaron continue to represent SWSS on this group again in 1987 and cover whatever expenses were involved with associated trips. Seconded by Gillham. Motion passed.

Dick Oliver moved to transfer the money earmarked for the SWSS Endowment Foundation from the SWSS general fund to the SWSS Endowment Foundation, Inc. account. Currey seconded the motion. Motion passed.

Wills moved to change the wording in the Manual of Operating Procedures concerning the duties of the Awards committee to read: "Individual members of the Awards subcommittees should personally be responsible for soliciting nominations and insuring that biographical information is developed for each nominee prior to the September 30 deadline". Seconded by Oliver. Motion passed.

President Rogers called for New Business. None was discussed. Coble moved to adjourn. Seconded by LeBaron. Motion passed. President Rogers adjourned the meeting at 9:20 a.m.

Submitted by: Philip A. Banks
Secretary/Treasurer SWSS