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Newsletter designed
and edited by
Susan Larson

DECEMBER 1990



NEWSLETTER OF THE INTERNATIONAL WEED SCIENCE SOCIETY

President's Column

The Past Two Years

George H. Friesen, President, IWSS

This will be my final report as your President. My tenure in this office comes to an end December 31, 1990. With retirement beckoning, this will also be a farewell to weed scientists worldwide. It has been a real honor and privilege to serve as President of IWSS for the past two years. It has also been a great privilege to have been a weed scientist for the past 40 years.

Some important decisions were made during the past two years. The constitution has been revised and the membership list updated. These items are included in this newsletter. The decision of IWSS to proceed with an annual outstanding achievement award was, in my opinion, a wise one. Not only does it recognize and honor an outstanding member, but also indicates that IWSS has matured into a truly professional society.

Undoubtedly, the most ambitious and exciting project undertaken is the forthcoming First International Weed Control Congress. The program is in the final stages of preparation and promises to be the most comprehensive weed control conference ever held anywhere. My sincere thanks to Harry Combella for the tremendous effort and tireless

hours he has devoted to the program and the overall planning for the Congress. My hope is that attendance at the Congress will be equal to the quality of the papers and the effort that has gone into its preparation. Several inquiries have been received from weed scientists in the "Third World" requesting financial assistance to attend the Congress. These weed scientists either lack the necessary funds for travel and other expenses, or they are located in countries with 'soft' currency. Anyone having suggestions as to where such assistance might be available, please contact me or the IWSS Secretary.

At this time, I would like to express my sincere appreciation and thanks to Susan Larson, IPPC, Corvallis, for her dedicated efforts in printing and distributing the newsletters on time and for keeping our finances in order. Thanks also to Raj Prasad, IWSS Secretary, for recording the minutes of our meetings, for preparing a poster for IWSS publicity, and for the many other ways in which he has worked for our Society. My sincere thanks to Larry Foy, President-Elect of IWSS, and the other members of the executive board for their assistance and wise counsel. Last, but not least, a special thanks to all the members who have contributed to the newsletters, or who have written letters of support and encouragement.

On January 1, 1991 I will pass the gavel to your new President, Dr. C. Larry Foy. I know that he will serve you well and am confident that you will give him the same support and encouragement that you have given me. My best wishes to the new executive board, and to all members of IWSS.

Conference Highlights

43rd Annual Conference of the New Zealand Weed & Pest Control Society, 1990

A. Rahman

The 43rd Conference of the New Zealand Weed and Pest Control Society was held in Dunedin from 14-16 August, 1990. Opened by the Minister of Agriculture, it was well attended by both Government researchers and the Ag. Chem. industry. In addition to 80 scientific papers on pastures and crops, the Conference included a guest lecture by Dr. Basil Walker, Secretary for the newly formed Ministry of Research, Science and Technology, and a symposium on policy issues relevant to biological control. A poster session was also included on Tuesday night.

The referred Proceedings of the Conference are available for NZ \$40 plus postage from the Secretary, NZ Weed and Pest Control Society, C/-DSIR, Private Bag, Palmerston North, New Zealand.

The following members were elected to the Executive of the Society: Dr. R.P. Pottinger, President; Mr. M. Willocks, Vice-President; Ms. A.J. Popay, Secretary; Drs. A. Rahman, S.L. Goldson, J.A. Zabkiewicz, M. Suckling, Messrs. G.W. Kerse and B.N. Smith, Committee Members.

The 44th Annual Conference will be held 13-15 August, 1991 in Tauranga. Further

information is listed in the Dates and Events section of this newsletter.

Weed Science Society of America

Larry W. Mitich

President

The Weed Science Society of America was founded in 1956. Membership in the Society is open to anyone interested in weeds, weed control, herbicides, or any area relevant to weeds, their impact and their control. Institutional membership is available for the purpose of receiving Society publications. Currently, there are approximately 2,000 individual members; about 90% of these reside in the USA and Canada with the remainder from almost all countries of the world. Through positions on the Board of Directors, the WSSA maintains close liaison with the four large regional societies of the United States and the Expert Committee on Weeds in Canada. A three-day meeting, which is held annually in a major city of the USA or Canada, brings together 800 to 1,000 of the members to provide a forum for the exchange of research information and ideas, and to maintain the membership abreast of current work and developments within the various disciplines.

The Society's publication activities are many and diverse. There are two peer-refereed journals. Weed Science, which is now published bi-monthly, and Weed Technology, which appears quarterly. These journals represent the premiere outlet for the publication of research in weed science in North America. There is a newsletter which is also published quarterly, to communicate to the membership information on current happenings and upcoming events. In addition to the journals and newsletter, the Society also produces a monograph series. Each volume in this series is dedicated to a specific topic or area and is

authored by the best experts available from both within and outside our Society. There is also an annually published Reviews of Weed Science series to maintain our readers abreast of changes and developments within areas of current concern. Throughout the world the Society is perhaps best known for its Herbicide Handbook, now in its sixth edition, and the Composite List of Weeds, which was revised in 1989. A membership directory indicating areas of interest and expertise of individual members appears approximately every three years.

The Society's continuing activities and annual convention sessions are overseen by approximately 50 committees working under the direction of the Board of Directors, and Executive Board, and the President of the Society. Through this mechanism, a large percentage of the members are directly involved in the operation of the society.

Membership in the Society is on a calendar-year basis only and currently individual membership dues, which includes a subscription to both journals, are US\$50 payable not later than December 1. Inquiries regarding individual or institutional membership, or for the purpose of receiving a listing of available publications, should be directed to: The Executive Secretary of WSSA, Weed Science Society of America, 309 West Clark Street, Champaign, IL 61820, USA.

Weed Science in Central America

M. Pareja
CATIE, Turrialba, Costa Rica

This is a first of a series of contributions about weed science activities in the Central America Region. In this report we will concentrate on weed science activities in the Regional Center for Research and Education in Tropical Agriculture (CATIE). CATIE, located in Turrialba, Costa Rica, has a research and technical cooperation mandate in agricultural

and natural resources for Panama, Costa Rica, Nicaragua, Honduras, Guatemala, El Salvador and Dominican Republic and an educational mandate for all the Americas. Its graduate program offers an MS degree with various orientations, among which the one on Agricultural Production Systems/Plant Protection is directly related to weed science.

Research and education in weed science at CATIE are not recent activities. They began more than 20 years ago under the sponsorship of the International Plant Protection Center (IPPC). It was only in 1984 however, that they were consolidated with the Integrated Pest Management (IPM) Project. This project, followed by the more recent Regional Natural Resource Management (RENARM) Project (financed by USAID/ROCAP) and the MIDINRA/CATIE IPM Project in Nicaragua (financed by NORAD/ASDI) has a team of three PhD level senior scientists and support staff. Weed scientists frequently interact with other plant protection specialists (pathologists, nematologists, virologists, entomologists, economists, information specialists and others) who are also members of the IPM team.

The weed science curriculum at CATIE is centered around one course (Study of Weeds) directed to develop students' skills on the bioecological basis of weeds. Students are introduced to topics such as origin and evolution of weeds, reproductive strategies, weed seed ecology, crop-weed relationships and weed science research methodologies. Students are also required to take a "Diagnosis" course, which includes weed identification, as well as other plant protection courses (pathology, nematology, pesticides, biological control and others). Complementary courses in the MS program are bio-statistics, experimental design, plant physiology, rural development, farming systems and others.

CATIE has presently 5 students enrolled in the weed science curriculum and 6 MS have graduated since 1987.

Research in weed science has been oriented toward the development of integrated pest management systems for tropical crops and management techniques for *Rottboellia cochinchinensis* and *Cyperus rotundus*. Integrated weed management systems have been developed for crops such as maize, beans and tomatoes. This research has been conducted in the member countries through cooperative programs with national research institutions.

Present research focuses on cover crops for weed management in coffee and cocoa, the effect of conservation tillage practices on weed and seed populations, agroecological weed surveys and the role of weeds as alternate hosts for virus of cucurbit crops.

Research priorities are oriented toward the two most important weed species of the region: *R. cochinchinensis* and *C. rotundus*. Studies have been conducted to evaluate losses due to these weeds and their biology, as the basis for the development of control strategies. Promising research relates to the biological control of these weed species with naturally occurring pathogens detected in Guatemala and Panama, respectively. Integrated systems including tillage, crop rotations and chemical control have also been developed.

Outreach efforts in the area of weed science include the distribution of literature on weeds and their control and short term training. CATIE's quarterly publications on IPM (IPM Newsletter, Current Contents, and IPM Journal) usually include articles on weed science and several publications have been developed specifically for weed science: *Sacharum spontaneum*, a new weed species

for the Americas, *Rottboellia cochinchinensis*, an aggressive weed in tropical crops, El Talquezal (*Chloris chloidae?*), a tough weed in rice in El Salvador, and reports from meetings and seminars such as Weed Science in Guatemala, Weed Science Workshop in Panama, and Workshop on *R. cochinchinensis* and *C. rotundus* in Honduras. More than 60 technical papers in weed science have been produced or co-sponsored by the CATIE/IPM team during the last 4 years.

A bibliographic data base on IPM has been developed at CATIE emphasizing publications from the region. Bibliographic searches and photocopying services can be arranged on request.

Since 1985, CATIE has conducted more than 15 training activities (short courses, seminars, and workshops) and conducted several in-service training activities in weed science.

CATIE welcomes students, professors on sabbatical leave and other researchers interested in developing research projects in weed science in the Tropics.

Society Spotlight

Latin America Weed Science Society (ALAM)

Cilia Fuentes
Past-President (ALAM)

The Latin America Weed Science Society (ALAM) is an international society consisting of professionals and specialists interested in weed science. A total of 11 Latin American countries from Mexico to Chile and the Caribbean region are included.

ALAM is an umbrella organization for five national weed science societies: Mexican Weed Science Society (SOMECIMA), Colombian Weed Science Society (COMALFI), Brazilian Weed Science Society (SBHED),

Argentinean Weed Science Society (ASAM), and Venezuelan Weed Science Society (SOVECOM). These national societies publish the following journals: Revista Comalfi (Colombia, 3 issues per year); Planta Daninba (Brazil, 2 issues per year); and Revista ALAM (Argentina). Two societies also publish newsletters on a regular basis: Noticias Comalfi (Colombia), and Ciencia das Plantas Daninbas (Brazil).

In 1990 ALAM began the publication of Series Tecnicas de Alam (Technical Series of ALAM). Published in both Spanish and Portuguese, this publication highlights information of current interest to weed scientists. The lack of such current information in these languages prompted the publication of this Technical Series.

ALAM holds a conference every two years with the next meeting scheduled for 1992 in Chile, Vina del Mar. President of ALAM is Dr. Robinson A. Pitelli and past-president is Mrs. Cilia L. Fuentes. To obtain more information about ALAM and other Latin American societies, contact:

ALAM

Dr. R. A. Pitelli, President
FACAV/UNESP-Campus de Jaboticabal
Radovia Carlos, Tonnani, Km 5
Caixa Postal 163-114870
Jaboticabal (SP), Brasil
Tel: 22-400 ext. 229, 230
Telex: (011) 10014-UJME

COMALFI

A.A. 29688
Bogota, Colombia, SA
Telephone: (91) 2219643

SBHED

Caixa Postal 70-13.100
Compinas, SP, Brasil

SOMECIMA

Sindicalismo No. 92
Colonia Escandon
Mexico 11800, D.F.
Mexico, Telex: 1771309

SOVECOM

Mr. Elio Rodriguez-Tineo
Apartado Pital 4653 A
CENIAP-Maracay
2101 A. Venezuela

News Items

□ Dr. Robinson A. Pitelli, Universidad Estadual Paulista, Jaboticabal-SP, Brasil was elected ALAM president during the 10th Latin American Weed Science Society Congress. Dr. Marcelo Kogan, U. Catolica del Chile, Santiago was elected Vice-president.

□ Officers of the Weed Science Society of America for the past year have been L.W. Mitich, President; J.R. Abernathy, President-Elect; J. Antognini, Vice President; H.M. LeBaron, Past President. New members on the Board of Directors are S.O. Duke, Member-at-Large; L. Anderson, APMS representative; C.M. French, SWSS representative; and H.D. Skipper, Chairman of the Constitution and Operating Procedures Committee.

□ A new edition of a "Directory of Personnel Engaged in Weed Science" is expected to be published by WSSA in 1991.

□ In 1989, the Weed Science Society of America donated 77 volumes of Weed Science and 58 volumes of Weed Technology for distribution to universities and other groups in Sub-Sahara Africa countries. This compares to 35 volumes of Phytopathology and 10 volumes each of Agronomy Journal, Crop Science Journal and Soil Science Journal donated.

□ The International Affairs Committee of the Weed Science Society of America is sponsoring a symposium entitled, "Systems Inquiry and Action for Global Applications in Agriculture," to be held during the forthcoming annual conference of WSSA in Louisville, Kentucky. A group of foreign speakers have been invited to address various topics.

□ The Integrated Plant Protection Center at Oregon State University was awarded a contract with USDA to conduct an annual 6-week IPM course for the next 5 years. The first course, held June-July 1990, was very successful. Details of future courses can be found in the Dates and Events section of this newsletter or by contacting the Integrated Plant Protection Center, Oregon State University, Gilmore Annex 100, Corvallis, OR 97331, USA.

□ Myron Shenk, Weed Scientist and Training Coordinator with the Integrated Plant Protection Center was this year's recipient of the Excellence in International Agriculture Award presented by the College of Agricultural Sciences, Oregon State University during the annual Faculty Day awards ceremony. Accompanying the award was a beautiful plaque and a cash prize of \$1,000. Our sincere congratulations to Mr. Shenk.

□ Dr. Marcos Kogan, Professor of Entomology, University of Illinois at Urbana-Champaign, was named the new Director of the Integrated Plant Protection Center after a national search and is scheduled to begin January 1991. To further strengthen its substantial domestic and international programs in plant protection, Oregon State University is now combining international and domestic program leadership in the Integrated Plant Protection Center, formerly the International Plant Protection Center. A primary focus will be to develop and maintain an emphasis on environmentally sound (and economically efficient) farming systems approaches to plant protection throughout OSU's interlinked domestic and international activities. Serving as Interim Director of IPPC for the past 18 months has been Dr. Frank Conklin. Dr. Conklin will resume his duties as Professor of Agricultural and Resource Economics.

In Brief

Nominations for Outstanding Achievement Award

The IWSS again invites nominations for the 1991 Outstanding Achievement Award. Nominations should include name, title, and mail address of nominee, degrees received, membership in academic societies, previous honors and awards, professional positions held, and contributions to weed science (teaching, research, technology transfer, etc.). A list of publications may also be included. Include also a concise and clear summary and evaluation of the nominee's contributions, not to exceed two pages, explaining why the nominee is especially qualified to receive the award. Send your nominations to the IWSS President or Secretary. The selection will be made on February 4, 1991 during the IWSS business meeting in Louisville, Kentucky.

International Symposium for WSSA Meetings

The International Affairs Committee of WSSA is sponsoring a symposium entitled, "Systems Agriculture: Inquiry and Action for Global Applications," at the annual meeting in Louisville, Kentucky, February 4-7, 1991. The symposium is scheduled for Thursday morning, February 7.

The symposium features an array of international topics along with diverse inquiry methods exhibiting global dimensions. Practical models describing farmer participation in the inquiry process combined with professional listening offer worldwide examples for improving research and extension. Agricultural decision criteria derived from predictive models enhance management choices while optimizing potential productivity. Internationally, the global environmental debate

as exemplified in Europe poses interesting perspectives and scientific evidence. Four research approaches provide systemic and systematic inquiry into basic and applied research, optimization or predictive modeling, and human action strategies designed to resolve complex situations involving human values and perceptions.

Come to briefly share your international views, experiences, and insights with speakers and attendees regarding systems synergies, scientific creativity, and disciplinary fringes. Moderator: Ray D. William, Horticulture Department, Oregon State University, Corvallis, OR 97331, USA.

Meeting Notice

All IWSS members and friends are invited to a business meeting on Monday, February 4, 1991, 8:00 p.m. in the Galt House Hotel, Louisville, Kentucky, USA. This coincides with the annual meeting of the Weed Science Society of America. Check the bulletin board for the designated room number. Contact Dr. Larry Foy if you have any items that you wish to have included on the Agenda.

Election of Vice-President

A call for nominations for the position of Vice-President, IWSS, was issued in the June 1990 newsletter. To date, our secretary has received only one nomination for this position. If no further nominations are received by the time this newsletter goes to press, the candidate nominated will be elected by acclamation and assume the position of President-Elect on January 1, 1991.

Membership Renewal

Membership renewals for 1991 are now due. Please forward your membership dues (U.S. \$5.00) to the secretariat of your regional

society, or directly to: IWSS, C/O Oregon State University, Attn: S.L. Larson, Gilmore Annex 100, Corvallis, OR 97331-3904, USA. Newsletters will only be sent to members in good standing. Thank you.

Letters to the Editor

Dear President,

I thank you for your letter of February 14, 1990 informing me of my selection as the 1990 winner of the Outstanding Achievement Award. I am delighted at the award and I thank you once again for congratulating me. I am very happy to learn that I will be invited to attend the 1st International Weed Control Congress in Melbourne, Australia in 1992.

May I use this opportunity to ask if you could help me in any way possible to obtain a travel or short research fellowship that will offer me the opportunity of sharing experiences with peers and colleagues in the developed countries.

Again, I thank you very much for the prompt action taken soon after your meeting in February, 1990.

Lewis I. Okafor, A.T.B. University,
Bauchi, Nigeria

Dear President,

After consultation with some members of the WAWSS Executive, we decided to make photocopies of the circular for the Melbourne conference and mail to our members. This will be faster than waiting for a bulk mail from you. In countries with pronounced mail delays, we have taken advantage of visits to IITA by nationals from these countries to carry letters to their colleagues whenever possible.

Our membership strength now stands at 120 persons. I believe that the measure we

have taken will save IWSS the cost of bulk mailing of the circulars.

I could not attend the last WSSA meeting and so missed a chance of attending the IWSS meeting. I hope there was an IWSS Executive meeting and that I will be getting some briefings on it soon.

I. Okezie Akobundu, IITA
Ibadan, Nigeria

Dear President,

The International Weed Science Society should hold international conferences on a regular basis. This will bring weed science to the level of many other disciplines, and much greater recognition for IWSS should follow.

Bruce J. Wilson
Tropical Weeds Research Centre
Charters Towers, Australia

Dates and Events

1991

January 7-10, 1991

Northeastern Weed Science Society Annual Meeting

Venue: Baltimore, MD, USA

Contact: Dr. Bradley Majek, Rutgers R&D Center, RD 5, Box 232, Bridgeton, NJ 08302, USA. Tel (609) 455-3100

January 14-16, 1991

Southern Weed Science Society Annual Meeting

Venue: Hilton Palacio Del Rio, San Antonio, TX, USA

Contact: Dave Weaver, Dept. of Soil & Crop Sciences, Texas Agric. Ext. Service, 354 Soil & Crop Sciences Bldg., College Station, TX 77843, USA. Tel (409) 845-4808

January 14-17, 1991

Virginia Turf and Landscape Conference and Trade Show

Venue: Richmond Centre & Richmond Marriott
Richmond, Virginia, USA

Contact: Randeem Tharp, Tel (804) 340-3473

January 14-18, 1991

International Plant Quarantine Congress

Venue: Putra World Trade Centre, Kuala Lumpur

Contact: Director, ASEAN-PLANTI, Post Bag 209, UPM Post Office, 43400 Serdang, Selangor, Malaysia

January 25, 1991

Annual Mid-Florida Turfgrass Conference

Venue: Univ. of Florida Cooperative Extension Service, Seminole Community College

Contact: Uday K. Yadav, Extension Director
Tel (407) 323-2500 ext. 5559

January 28-March 8, 1991

Advanced Methods In Medical and Veterinary Vector Control

Venue: Imperial College of Science, Silwood Park, London, U.K.

Contact: Peter Combey, Director of Continuing Education, 321 Sherfield Building, Imperial College, London SW7 2AZ, U.K.
Tel 0(7)1-589-5111 ext. 3034,
FAX 0(7) 1-584-7596

February 4-7, 1991

Weed Science Society of America Annual Meeting

Venue: The Galt House Hotel, Louisville, KY

Contact: R.A. Schmidt, WSSA, 309 West Clark St., Champaign, IL 61820, USA

February 22, 1991

Urban Tree Symposium

Venue: Univ. of Florida Cooperative Extension Service, Seminole Community College

Contact: Uday K. Yadav, Extension Director
Tel (407) 323-2500 ext. 5559

April 8-July 12, 1991

20th International Potatoe Course

Venue: Wageningen, Netherlands

Contact: Director, Intl. Agric. Centre, P.O. Box 88, 6700 AB Wageningen, Netherlands.

April 15-26, 1991

Decision Tools for Pest Management

Venue: Centre for Pest Management, Imperial College, University of London at Silwood Park.
Contact: Peter Combey, Director of Continuing Education, Room 321, Sheffield Bldg., London, SW7 2AZ, U.K. Tel 0(7)1-589-5111 ext 3034 FAX 0(7)1-584-7596

April 18, 1991

Pest Control Workshop

Venue: Univ. of Florida Cooperative Extension Service, Seminole Community College
Contact: Uday K. Yadav, Extension Director Tel (407) 323-2500 ext. 5559

April 22-26, 1991

IVth International Rangeland Congress

Venue: Montpellier, France
Contact: H.N. Le Houerou, Chairman, Organizing Committee, CNEARC, B.P. 5098, F-34033, Montpellier Cedex, France Tel 33/67-54-55-33

April 28-May 2, 1991

2nd Intl. Food Legume Research Conference

Venue: Cairo, Egypt
Contact: A. E. Slinkard, IFLRC-II, Crop Development Centre, Univ. of Saskatchewan, Sask. S7N 0W0, Canada. Tel (306) 966-4978 FAX (306) 343-1025

May 7, 1991

43rd Intl. Symposium on Crop Protection

Venue: Faculty of Agricultural Sciences, State University of Ghent, Belgium.
Contact: Dr. ir D. Degheele, Faculty of Agric. Sci., Coupure links 653, D-9000 Gent, Belgium. Tel 32(0) 91 64 61 54 FAX 32(0) 91 64 62 49

May 13-31, 1991

Integrated Pest Management Shortcourse

Venue: Univ. of Florida, Gainesville, FL
Contact: International Training Division, 1001 McCarty Hall, Univ. of Florida, Gainesville, FL 32611-0116, USA

June 2-7, 1991

2nd International Symposium: Windbreaks and Agroforestry

Venue: Ridgetown, Ontario, Canada
Contact: Charles S. Baldwin, Ridgetown College of Agric. Technology, Ridgetown, Ontario, Canada N0P 2C0. Tel (519) 674-5456

June 24-30 1991

Fifth Symposium on Parasitic Weeds

Venue: Safari Park Hotel, Nairobi, Kenya
Contact: Dr. Joel K. Ransom, Chairman, Fifth Symposium on Parasitic Weeds, CIMMYT, P.O. Box 25171, Nairobi, Kenya. Tel 802493, FAX 802477, Telex 22114 SAFAROKE. Official Language: English

July 16-19, 1991

World Congress in Australia

Venue: Unavailable at press time
Contact: George Stankey, Dept. of Forest Resources, Oregon State University, Peavy Hall A108, Corvallis, OR, 97331-5703, USA

July 15 - August 23, 1991

Intl. Postgraduate Course in Nematology

Venue: Univ. of California, Davis, CA, USA, Dept. of Nematology.
Contact: International Training and Education Center, University Extension, University of California, Davis, CA, 95616, USA. Tel (916) 757-8686, FAX (916) 757-8676.

July 28-August 1, 1991

Plant Growth Regulator Society of America

Venue: Park Plaza Hotel, Boston, MA, USA
Contact: Robert V. Osgood, Chairman, Hawaiian Sugar Planters' Assn., 99-193 Aiea Heights Dr., Aiea, HI, 96701-1057, USA. Tel (808) 487-5561 FAX (808) 486-5020

July 29-31, 1991

Canadian Pest Mgt. Society Annual Meeting

Venue: Fredericton, New Brunswick, Canada
Contact: B. Boiteau, Agriculture Canada, Box 20280, Fredericton, NB E3B 4Z7, Canada

August 11-16, 1991

12th Intl. Congress on Plant Protection

Venue: Convention Center of the Hotel Nacional Rio - Av. Niemeyuer, 769 Sao Conrado, Rio de Janeiro, Brazil.

Contact: Ms. Shelby Wright, Ciba-Geigy Corporation, P.O. Box 18300, Greensboro, NC 27419, USA. Tel (800) 334-9481
Official Language: English

August 13-15, 1991

44th Annual Conference of New Zealand Weed & Pest Control Society

Venue: Tauranga, New Zealand
Contact: Secretary, NZ Weed and Pest Control Society, C/-DSIR Private Bag, Palmerston North, New Zealand

August 20-25, 1991

13th Asia-Pacific Weed Science Society Conference

Venue: Jakarta, Indonesia (other details not available at press time).

November 4-8, 1991

3rd Global Congress of Heritage Interpretation International

Venue: Honolulu, Hawaii, USA
Contact: Gabe Cherem, Co-Chairman, HII 1991 Honolulu Congress, EMU Dept. of Geography, Ypsilanti, MI 48197, USA. Tel (313) 487-0218

November 18-22, 1991

Brighton Crop Protection Conf.-Weeds 1991

Venue: Hotel Metropole, Brighton, Sussex, U.K.
Contact: BCPC, 20 Bridport Road, Thornton Heath, Surrey, CR4 7QG, U.K.

November 25-28, 1991

Canadian Expert Committee on Weeds, National Executive and Western Section

Venue: Vancouver, B.C., Canada
Contact: R. Cranston, B.C. Ministry of Agriculture and Fisheries, 17720 57th Ave., Surrey, B.C. V3S 4P9, Canada

1992

February 2-7, 1992

8th International Symposium on Biological Control of Weeds

Venue: Lincoln College, Canterbury, New Zealand
Contact: Ms. P. Syrett, DSIR Plant Protection, Private Bag, Christchurch, New Zealand

February 5-8, 1992

Weed Science Society of America Annual Meeting

Venue: Clarion Hotel, Orlando, Florida, USA
Contact: R. Schmidt, Exec. Secretary, WSSA, 309 W. Clark St., Champaign, IL 61820, USA

February 17-21, 1992

First International Weed Control Congress

Venue: Melbourne, Australia
Contact: Mrs. Rosemary Henderson, Congress Secretariat, Protech Consulting, P.O. Box 851, Eltham, Vic. 3094, Australia
Brochures can also be obtained from Raj Prasad, IWSS Secretary, Pacific Forest Res. Centre, 506 W. Burnside Rd., Victoria BC, V8Z 1M5, Canada. Tel (604) 388-0600
Fax (604)388-0775

April 27-May 1, 1992

Intl. Conference on Forest Vegetation Management: Ecology, Practice, and Policy

Venue: Auburn University Hotel and Conference Center, Auburn, Alabama, USA
Contact: Dr. DEan Gjerstad, School of Forestry, Auburn University, AL 36849-5418, USA. Tel (205) 844-1020 FAX (205) 844-1084

June 28-July 4, 1992

XIX International Plant Protection Congress of Entomology

Venue: Beijing, China
Contact: Z.L. Zhang, 19 Zhongguancun Lu, Beijing 100080, China

July 6-8, 1992

Canadian Pest Mgt. Society Annual Meeting

Venue: Brandon, Manitoba, Canada (other details not available at press time).

July 14-22, 1992

First International Crop Science Congress

Venue: Iowa State University, Ames, IA, USA
Contact: Kenneth Frey, Chair, International Crop Science Congress, Agronomy Department, Iowa State University, Ames, IA 50011, USA.

November, 1992

Annual Conference of ALAM

Venue: Vina del Mar, Chile
Contact: Dr. Robinson A. Pitelli, Univ. Estadual Paulista, Faculdade de Ciencias Agrarias and Veterinarias, 14870 Jaboticabal, SP, Brasil.

Constitution

International Weed Science Society Fourth Draft Constitution February 5, 1990

ARTICLE I - Name

Section 1. The name of the Society shall be the "International Weed Science Society" (IWSS), hereinafter called the "Society."

ARTICLE II - Purpose

Section 1. The purpose shall be to encourage, promote, and assist the development of weed science and weed control technology.

Section 2. The Society is organized exclusively for educational and scientific purposes, including, for such purposes, the making of distributions to organizations that qualify as exempt organizations under section 501(c)(3) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue Law).

ARTICLE III - Objectives

Section 1. To encourage and assist in the development of national and regional weed science societies.

Section 2. To promote and assist the development of meetings, conferences and special symposia on topics of international interest.

Section 3. To promote exchange and participation among individual members and weed science organizations. To develop a directory of weed science personnel and projects, and to publish a calendar of important weed science events.

Section 4. To encourage excellence, high standards and creativity in weed science/technology research.

Section 5. To maintain liaison with relevant national and international organizations for the purpose of identifying, monitoring, and solving new weed problems.

Section 6. To promote, encourage, and assist education and training in weed science and technology.

ARTICLE IV - Membership

Section 1. Membership shall be open to any person or organization interested in the objectives of the Society. Four types of membership are provided: (1) Individual, (2) Affiliate, (3) Associate, and (4) Sustaining.

Section 2. Individual Member. Any individual interested in participating and supporting the aims and objectives of the Society. All individual memberships completed during the organization year (January 1, 1976, to December 31, 1976) will automatically be recognized as Charter Members. Similarly, all individual memberships who show special financial support during the organization year will, in addition to Charter Membership, be honored as Special Founder Members.

Section 3. Affiliate Member. Any Weed Science Society that wishes to support and participate in the functions of the Society.

Section 4. Associate Member. Any other societies, associations, institutes, or departments interested in supporting the aims and objectives of the Society.

Section 5. Sustaining Member. Any industry or commercial organization, foundation, development bank, government department, or agricultural organization interested in the objectives of the Society and wishing to provide financial support.

Section 6. An individual or organization may cease to be a member by resigning or by failure to pay dues for two years.

ARTICLE V - Dues

Section 1. Dues for different categories of membership and method of collection shall be determined by the Executive Committee of the Society. Until establishment of the Executive Committee, the dues structure will be established by the Steering Committee. Annual membership dues will become due March 1 of each year.

Section 2. In the event of the dissolution of the International Weed Science Society, the physical assets shall be sold and after payment of all debts, monies possessed by the Society shall be given in equal amounts, without let or hindrance to the regional weed science societies listed under Article VII by the Executive Committee holding office at the time of dissolution.

Section 3. No part of the net earnings of the Society shall inure to the benefit of, or be distributable to, its members, trustees, officers, or other private persons, except that the Society shall be authorized and empowered to pay reasonable compensation for services rendered and to make payments and distributions in furtherance of the purposes set forth in Article II hereof. No substantial part of the activities of the Society shall be the promotion or use of propoganda, and the Society shall not participate in, or intervene in (including the publishing or distribution of statements) any political campaign on behalf of any candidate for public office. Notwithstanding any other provision of these articles, the Society shall not conduct any other activities not permitted to be carried on (a) by a corporation exempt from Federal income tax under section 501(c)(3) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue Law) or (b) by a corporation, contributions to which are deductible under section 170(c)(2) of the Internal Revenue Code of 1954 (or the corresponding provision of any future United States Internal Revenue Law).

ARTICLE VI - Officers

Section 1. The officers of the Society shall be the President, the Vice-President, and the Secretary-Treasurer.

Section 2. The election of officers shall be by individual membership by postal ballot.

Section 3. Terms of office. The President and Vice-President may hold the same office for no more than two consecutive years. On retirement of the President, the Vice-President shall normally assume the office of President in which case the biennial election will be only in respect to the Vice-President. The Secretary-Treasurer may hold office for four (4) years and shall be eligible for re-election. These terms of office shall begin on January 1 corresponding to the start of an annual accounting period.

Article VII - Executive Committee

Section 1. The Society will be governed by an Executive Committee composed of the following membership.

(1) President, Vice-President, and Secretary-Treasurer, plus
(2) a representative or alternate elected from each of the regional weed science societies as follows:

APWSS--Asia-Pacific Weed Science Society

ALAM--Latin American Weed Society

EWRS--European Weed Research Society

WSSA--Weed Science Society of America

WSSEA--Weed Science Society of Eastern Africa

WAWSS--West Africa Weed Science Society

plus (3) a representative of additional regional weed science societies as may be organized upon request to the Executive Committee.

ARTICLE VIII - Amendments

Section 1. The constitution and by-laws may be amended by a majority vote of the Executive Committee provided it does not effect the legal status of the Society.

ARTICLE IX - By-Laws

Section 1. The Society may adopt By-Laws.

ARTICLE X - Meetings

Section 1. Meetings may be held at such times and places as may be determined by the President in consultation with the Executive Committee.

ARTICLE XI - Committees

Section 1. The President in consultation with the Executive Committee may appoint committees to conduct activities of the Society.

ARTICLE XII - Accounting Period

Section 1. The accounting period shall be from January 1 to December 31.

By-Laws**ARTICLE I - Duties of Officers**

Section 1. The President shall be the executive officer of the Society. He/she shall act as chairperson of the Executive Committee, carry out the spirit of the constitution and the decisions of the Executive Committee, prepare agenda and preside at all meetings of the Society and Executive Committee, appoint committees and perform other usual duties of the office.

Section 2. The Vice-President shall perform the duties of President if the President cannot serve.

Section 3. The Secretary-Treasurer shall prepare minutes of the Society and Executive Committee meetings, prepare and maintain an up-to-date list of officers, Executive Committee, and all other committees, receive and disperse monies of the Society in accordance with prescribed policies, maintain financial records and records of property, prepare records for annual audit and meet with designated auditors and perform other duties when designated by the President.

ARTICLE II - Executive Committee

Section 1. The Executive Committee shall meet at least once a year to conduct the business of the Society in accordance with the constitution and by-laws.

Section 2. The Executive Committee shall have power to incur expenditure of funds in pursuance to the objectives of the Society.

Section 3. The Executive Committee shall call for nominations not less than six (6) months before scheduled elections.

Section 4. The selection of candidates for Vice-President shall be made by the Executive Committee from nominees accompanied by ten (10) membership signatures. The candidates selected shall not be from the same region as the incumbent Vice-President elect.

Section 5. A simple majority (half, plus one) of the Committee, including the President or Vice President, shall constitute a quorum for transaction of Executive Committee business. In the event a quorum is not obtained, the decisions of the Executive Committee must be ratified in writing by the remaining Committee members.

ARTICLE III - Authorization

Section 1. The adoption of this constitution and By-Laws shall render null and void all previous rules and regulations of this Society.

Signature(s)

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FAO Weed Control Specialist--Vacant