

NEWSS



NEWS

NORTHEASTERN WEED SCIENCE SOCIETY Newsletter

August 2003

Comments from the President

Scott Glenn, NEWSS President

The sun rose over the old, white farmhouse that was scenically placed among the bright red barns and several majestic weeping willow trees. A cooling breeze slowly snaked its way through the valley gently moving the golden corn tassels and drying the sweat on the back of the neck of those that had been working in the fields since the early morning hours. Men and women were scattered throughout the fields of the farm diligently working to identify weeds and herbicide activity, calibrate a sprayer, and try to figure out how the cabbage got injured. Some of these people spoke with the native New York accent, some had a southern twang, and yet others ended every sentence with 'eh'. This was the scene in Hudson, New York on July 29th when the NEWSS Weed Contest was held at the Syngenta Eastern Regional Technical Center.

Brian Manley, a Syngenta researcher and site manager, and a large group of volunteers did a wonderful job organizing and conducting the NEWSS Collegiate Weed Contest. Undergraduate and graduate students throughout the Northeast region, Canada to North Carolina, enjoyed the food, fun, and contest. Many thanks to the volunteers, Syngenta farm crew and staff, and especially Brian Manley. All that preparation and hard work resulted in an excellent contest!

This Newsletter officially announces the deadlines for submission of papers for the 58th annual NEWSS meeting. This meeting will be held in Cambridge, Massachusetts at the Marriott Hotel on January 5–8, 2004. The Cambridge Marriott has been renovated since we last met there, and is the ideal size for our conference space needs. Public transportation to

anywhere in the Boston area is just outside the Hotel door. Harvard, MIT, and the Charles River are within walking distance of the hotel. We are making many improvements that will enhance the quality and efficiency of our meeting. Thanks to Shawn Askew there will be a dedicated server to electronically accept your title submissions and hopefully your abstracts through the NEWSS website (see related article in this issue). If all goes as planned, there will be a CD version of the Proceedings as well as a hard copy available for you at the meeting.

There was a decline last year in oral presentations at the NEWSS breakout sessions. We are planning on dealing with this primarily by encouraging members to give oral presentations of their research. Expect to be contacted by a Section Chair or two encouraging you to share your research in their section. We also ask those of you that are planning to present a poster at the meeting to consider presenting an oral presentation if appropriate. The section previously entitled 'Research Posters' will now be entitled 'Posters'. The guidelines for the 'Outstanding Poster Award' has been rewritten so that posters that are not strictly research, but more informational, also will be qualified to participate in this contest (see related article in this issue).

The NEWSS is financially sound. To this we owe thanks to previous Executive Committees and in recent times to Dave Yarborough, who is in his last year as the NEWSS Secretary-Treasurer. Due to increased costs of doing business and lower membership we have lost money the last couple of years. The Executive Committee voted unanimously to raise the meeting registration fee from \$75 to \$85 for the 2004 meeting. The Executive Committee felt that this increase plus some cost cutting steps will keep us financially balanced. We hope that you feel as we do, that it is still a bargain for a 3-day meeting.

I consider it a privilege to serve as your 2003 NEWSS President. From what I saw of the students at the Collegiate Weed Contest in Hudson, New York, there will be plenty of good hands to pass the gavel to in the future.

Awards Chairman Calls for Nominees

This announcement serves as the final call for nominations for the following Society awards:

- Distinguished Member Award
- Award of Merit
- Outstanding Educator
- Outstanding Researcher

Nominations are due in September 2003, so please submit nominees for these awards. Refer to the nomination form available at the NEWSS website (www.newss.net) for awards criteria. Completed forms should be sent to Dave Mayonado, Awards Committee Chairman.

Important Deadlines - Annual Meeting

- **September 12** Paper/Poster Titles due
- **October 31** Abstracts due

Sustaining Membership

Ten companies have provided financial support to the NEWSS in the form of sustaining memberships for the current year. Our contact has been recently updated, with several additional contacts added. Approximately 30 letters were sent to past sustaining members who had yet to contribute in 2003, with three companies responding. Support requests for 2004 (sustaining membership and annual meeting coffee break support) will be mailed in September. If there has been a change in contact information for your company or you wish to become a new sustaining member, please contact Susan Rick (see contact information, page 2). These funds are used for many different NEWSS activities and the Society wishes to thank the following companies for their continued participation in 2003:

BASF	Monsanto
Dow Agrosciences	PBI Gordon, Corporation
DuPont Crop Protection	Sprout-Less Vegetation
FMC Corporation	Syngenta Crop Protection
For-Shore Weed Control	UniroyalChemical Co.

2004 Annual Meeting Program

The theme for the 2004 meeting (January 5-8) in Cambridge, MA will be *Weed Management in the Future*. The general symposium on Wednesday afternoon will include invited speakers from both industry and academia to present on the subjects of herbicide and herbicide-resistant crop developments, weed ecology in natural and agricultural systems, developments in biological control, and the use of information systems and decision tools for weed management. This should be an interesting symposium with emphasis on determining the direction of future weed management opportunities. A symposium or workshop is also being planned for Tuesday afternoon that would address removing and replacing invasive species along riparian corridors. Topics would include regulatory aspects, control techniques and technology, and restoration approaches. Committee meetings will begin on Monday afternoon, with the Poster and General Sessions to kick off the meeting on Tuesday morning. The Northeast Region of the American Society for Horticultural Science (NEASHS) will again meet with the NEWSS in 2004, with both joint and concurrent sessions being planned in the program. There will be a joint Graduate Student Mixer event on Tuesday evening, and our traditional Social Mixer following the business meeting on Wednesday. Sectional paper sessions will begin Tuesday afternoon, and continue on Wednesday and Thursday mornings. With the call for papers, plan to participate in these sessions, and contact one of us on the program committee if you have any ideas or suggestions for discussion groups or workshops that would add to the sectional breakouts. Following are members of the program committee:

Program Chair

Tim Dutt
Phone: 610-285-2006
Email: timothy.e.dutt@monsanto.com

Agronomy Section

Chair: Susan Rick
Phone: 919-854-0806
Email: susan.k.rick@dupont.com

Chair-elect: Eric Palmer

Conservation, Forestry and Industrial Section

Chair: Tracey Harpster
Phone: 814-865-3190
Email: tlh8@psu.edu

Chair-elect: Todd Mervosh

Ornamentals Section

Chair: Kathie Kalmowitz
Phone: 919-547-2642
Email: kalmowk@basf.com

Chair-elect: Annamarie Pennucci

Turfgrass and Plant Growth Regulators Section

Chair: Shawn Askew
Phone: 540-231-5807
Email: saskew@vt.edu

Chair-elect: Pete Dernoeden

Research Poster Section

Chair: Rakesh Chandran
Phone: 304-293-6131
Email: rschandran@mail.wvu.edu

Chair-elect: John Jemison

Vegetables and Fruit Section

Chair: Bill Sciarappa
Phone: 732-431-7260
Email: sciarappa@aesop.rutgers.edu

Chair-elect: Marija Arsenovic

Weed Biology and Ecology Section

Chair: Dan Brainard
Phone: 607-273-9495
Email: dcb15@cornell.edu

Chair-elect: Hillary Sandler

NEWSS Collegiate Weed Contest Hudson, NY (July 29, 2003)

Brian Manley, NEWSS Sec-Treas Elect

The 2003 NEWSS Collegiate Weed Contest was held July 29 at the Syngenta Crop Protection, Inc. Eastern Region Technical Center (ERTC) near Hudson, NY. Thanks to the hard work by the Syngenta ERTC staff including Eric Palmer, Sandra Shinn, Cassandra Kussius, Olena Zhivotovsky, Bruce McCord, Steve Webster, Jonathan Agle, Diane Keil, Casey Butler, Kurt Jones, Phil Brune, Jack Haskell, and Jenni Hamman; the contest was challenging and successful. Another special thank you to all of the volunteers that helped make this contest possible.

Thirty-five students from seven schools including North Carolina State University, Virginia Tech, Pennsylvania State University, Cornell University, State University of New York at Cobleskill, University of Guelph, and Nova Scotia Agricultural College competed for top honors in this year's contest. The day of the contest was filled with grueling competition, lots of camaraderie, and fun had by all present. The weather was nearly perfect for the event, which helped everyone's spirit. There were a couple of the growers in the grower problem section who created some extra challenges for some of the

contestants, but the day was still enjoyable. An awards banquet was held at the Holiday Inn in Kingston, NY following the contest to present the awards to the top scorers.

The day following the contest, the Syngenta ERTC staff hosted a tour of their facility for some of the students and coaches.

Congratulations to the following award winners:

Undergraduate Division – Team Awards:



First: University of Guelph – Team 1
Jonathon Klapwik, Ryan Hoegy, Cain Templeman



Second: SUNY Cobleskill
Aaron Lewis, Andre Samuel



Third: University of Guelph – Team 2
Rod Crinklaw, Jeff Jacques, Greg Wilson

Undergraduate Division – Individual Awards



First: Jonathon Klapwik
University of Guelph - Team 1



Second: Andre Samuel
SUNY Cobleskill



Third: Ryan Hoegy
Univ. of Guelph - Team 1

Graduate Division – Team Awards:



First: NC State – Team 1
Ian Burke, Hennen Cummings, Andrew MacRae



Second: Virginia Tech
Corey Whaley, Josh Beam, Whitnee Barker



Third: Penn State University
Shaun Heinbaugh, Joe Dauer, Bryan Dillehay

Graduate Division – Individual Awards



First: Andrew MacRae
NC State – Team 1



Second: Cheryl Corbett
University of Guelph



Third: Josh Beam
Virginia Tech

Congratulations!

Photos – 2003 Collegiate Weed Contest



Syngenta's Eastern Regional Technical Center



Steve Dennis inquires about a soybean problem.



Brian Manley kicks off the contest.



Jeff Zelna and Paul Stachowski test a student.



PSU Coach Lingenfelter considers the competition.

Grower Problem Event

Weed Identification Event



Student examines problem in Joyce Soltice 's corn field.



Students identify weed species (above & below).



Tommy Hines & Robin Bellinder challenge students in the Grower Problem event.



Sandra Shinn and Cassandra Kussius grade students in the Weed ID event.

Herbicide Identification Event



Sprayer Calibration Event



Volunteers – Thank you!



Call for Nominations: Vice President

The Executive Committee is requesting suggestions from the membership for nominations to the office of NEWSS Vice President. The Vice President serves as chairperson of the program committee and automatically succeeds to the office of President-Elect. By general rule, the person elected Vice President at the 2002 meeting should be selected from members who are employed in academia or the public sector. Nominations should be sent to the Chairman of the Nominating Committee by **October 1, 2003**:

David Mayonado
Monsanto Company
6075 Westbrooke Drive, Salisbury, MD 21801
Phone: 410-546-4622 / Fax: 410-219-3202
E-mail: david.j.mayonado@monsanto.com

New Rules for "Poster" Session

Paul Stachowski, Chair Poster Judging Committee

The Executive Committee (EC) has decided to relax the criteria for poster submission beginning with the upcoming NEWSS Annual Meeting. Please note that the session name also has been changed from "Research Posters" to "Posters" to better reflect these new criteria.

With this change, the EC hopes to encourage members to submit posters that provide unique and interesting information relevant to weed science, but that do not necessarily conform to a research paper format. The EC has observed a significant decline over the last several years in the numbers of papers given across sections, and would prefer that complex, involved concepts that are research oriented be given as papers rather than posters. Inasmuch, posters will no longer need to follow the old guidelines, particularly that of Layout and Letter Size. More emphasis in judging will be placed on concept appropriateness and interest relative to weed science, information clarity and conciseness, and visual impact (neatness and creative use of media). As in the past, first and second place winners will be awarded.

From the NEWSS Methods of Procedures:

Addendum 7. Instructions for Weed Science Poster Presentations

We urge the author to make use of visual aids and media services at your institution. Neat, legible, hand-drawn tables and figures will be acceptable, but with currently- available software, computer-generated graphs are relatively simple and preferred. We also recommend that authors ask their colleagues to review poster content before finalizing for submission.

Poster board size: Dimensions: 40 inches by 60 inches, white. The Society will provide boards and easels at the meeting. The Society will also provide a limited number of felt covers for the poster boards for those who would like to attach their poster with Velcro™. The Society does not provide thumb tacks or Velcro™ for attaching poster to boards.

Layout: Audience should be able to quickly determine the main concept of poster. The poster concept should be clear, concise, and self-explanatory. The poster should be attractive and maintain strong visual impact. All the information that is typically given in a research talk should not necessarily be presented in the poster, which causes the poster to be too wordy, complicated, and interferes with conveying the concept. Avoid complicated backgrounds that make reading the poster difficult.

Letter Size: A poster's smallest print must be easily read from a distance of four feet. Font size should contribute to the poster's visual impact.

Photo, Table, Figure Size: A minimum size of 8 by 10 inches is recommended. Photos should have a matte finish (not glossy).

Use of Color: Color is optional. Be conservative with color combinations and selections. Dark colors on a dark background are often difficult to see, such as dark red on a blue background. Bright colors such as yellow, orange, or bright green, will call attention to items. Many presentation software programs have good default color combinations to assist you in the use of color.

Other suggestions: Keep statements short and concise. Keep charts, tables and graphs simple, easy to read, and easy to interpret. **If the concept is better suited for presentation as a research paper, please do not present as a poster!** Author should be available during the Poster Session to field questions from judges and peers. If the poster is not to be considered for the contest, please place a note to this effect on the poster prior to the session opening; judges will remove the note before the session is opened.

Criteria for Judging the Outstanding Poster

- Concept:** Selection of the problem and originality of the idea will be credited.
 - Is concept or the problem relevant to weed science?
 - Is the concept adaptable to poster style?
- Investigation/Research Quality:**
 - Were appropriate methods used for the objective?
 - Are results meaningful and relevant?
 - Do the conclusions adequately but concisely interpret the results?
- Display Attributes:**

- a. Is poster attractive, easy to read and follow?
- b. Is lettering of appropriate size?
- c. Are photos, graphs, and figures of appropriate size?
- d. Did use of color add value to the poster?

4. **Overall Poster Quality and Presentation:**

- a. Is the poster neat, attractive, and informative?
- b. Are the main idea and conclusions obvious under a quick viewing of the poster?
- c. Is the poster self-explanatory (should not contain unfamiliar terms that require interpretation)?
- d. Is the author present to field questions?
- e. Is the display well organized and does the presentation flow?

Instructions for Contributors to the 2004 NEWSS Proceedings

Mark Van Gessel, Editor

**Papers received after deadline will not appear in the
2004 Proceedings**

**Instructions are the same regardless of
electronic or mail submissions**

General Information

Authors may publish abstracts or full-length papers in the Proceedings. Papers should be pertinent to the general area of weed science and should reflect the content of the oral presentation given at the meeting. At least one author must be a current member of the Northeastern Weed Science Society. Papers submitted after the established deadline will be published in the following year's proceedings. Proceedings will be distributed at meeting registration. **Abstracts and papers must be received by October 31, 2003.**

Preparation of Abstracts and Papers

Arial is the preferred fonts. Use 12 point font size. Do not use bold fonts at any place in abstracts or full-length papers.

Format: Title, authors' initials (in lower case) and authors' affiliations. Use all caps for title. Title, authors name, and authors' affiliation should be left justified. Do not include the state abbreviation if state name appears in company or university name. The heading "ABSTRACT" should be centered as in the following example:

**WEED RESPONSE TO CULTIVATION. J.P. Smith,
H.L.Kim, B.W. Jones, Univ. of Delaware, Newark; and
I.M. Weeder, Cornell Univ., Ithaca, NY.**

ABSTRACT

(Body of Abstract)

In body of full-length papers, center and capitalize all section headings (do not use underline or bold in the headings) including abstract, introduction (justification/rationale), procedures, results and discussion, and literature cited. In full-length papers, insert tables and figures in text, rather than at end of paper.

Titles: Titles should contain no more than 100 characters. Avoid using trade names, herbicide chemistry, or scientific names in titles unless essential for clarification. If title exceeds one line, single space between lines.

Page limitations

Abstracts: One page of text is permitted with a second page allowed for presentation of a table or figure. Those submitting only an abstract are encouraged to include a table if **publication elsewhere is not intended**.

Full-length papers: Five pages are allowed with tables and figures included in the text. A charge of \$25 per page will be levied for papers exceeding the five page limit. All excess page charges must accompany the manuscripts to the editor. Payment should be in the form of a check made payable to the Northeastern Weed Science Society. A receipt will be provided if requested.

All manuscripts

Tables: Margins for tables and graphs must be within those specified by typing instructions. Reduced copies of tables and graphs may be used, but must be as clear as originals for acceptable printing.

Herbicide names: If a common name has not yet been approved by WSSA, use the code number. Check the Weed Science Society of America's web site www.wssa.net (click "Herbicides and Control", then "Herbicide Names") for the current list of approved chemical and common names. **Herbicide trade names may be used as long as accompanied by appropriate common name.** If use of a trade name is required to properly identify product, at first mention use the appropriate common name, immediately followed by trade name in parenthesis. Herbicide trade names are acceptable for clarification of pre-packaged mixtures. **ABSTRACTS** - omit chemical names and use only common names. **FULL-LENGTH PAPERS** - at the first mention of an herbicide, except in the title or abstract, give its approved common name or other designation first and follow it with the full chemical name in parentheses or in brackets if there are parentheses within the chemical name. Use only the common name or code name thereafter.

Plant & animal names: In either abstracts or full-length papers, at the first mention of a crop, weed, or other

organism give the common name and follow it with the approved scientific name. The scientific name should be italicized or underlined and in parentheses or in brackets, if there are parentheses within the scientific name. Give the genus, species, and authority for the binomial. Include the cultivated variety of a crop plant if known and indicate it by enclosing it in single quotes. Example: Corn (*Zea mays* L., 'resistant smooth pigweed' or 'glyphosate-resistant soybeans').

Abbreviations: Use abbreviations as shown in the "Herbicide Handbook" or as used in one of the previous year's issues of *Weed Science*. Abbreviations often causing trouble which are acceptable for NEWSS use (although not in agreement with the *CBE Style Manual*) include two-letter abbreviations for states, Ci for curie, M for molar (do not abbreviate mole), L for liter, ppmw for parts per million by weight, ppmv for parts per million by volume, ae for acid equivalent, and ai for active ingredient. Do not place a period after an abbreviation in the text. Do not start a sentence with an abbreviation. All abbreviations not shown in *Weed Science* should be introduced in parentheses immediately after the first use of the word. Example: cation exchange capacity (CEC). Do not use a hyphen for the preposition "to"; or an "x" for the preposition "by", except in tables or figures. Write 1 to 3 rather than 1-3 and 100 by 20 rather than 100 x 20.

Numbers: Use Arabic numbers for all numbers with two or more digits and for all measurements such as time, weight, or degrees except when the number is the first word in a sentence. Spell out numbers when they are the first word in a sentence or when they are less than 10 and not measurements, except when in a series in which one figure has two or more digits. Report only significant numbers.

Measurements & units: It is acceptable to report measurements in English or metric units. In laboratory studies, express concentration of acids and bases in normality (N) and of herbicide and salt solutions in molarity (M) rather than ppm. Use ml rather than cc for all measurements of volume.

Footnotes: Number footnotes consecutively throughout the manuscript except for tables that are handled separately. Do not put acknowledgments in footnotes.

Trade names: Use trade names of such items as equipment only when necessary to describe the materials or methods adequately. Capitalize trade names. Footnote names with the address of the supplier only if the supplier is not commonly known.

Full-Length Papers Only

Acknowledgments: Give all acknowledgments in a separate section immediately following the Results and Discussion.

Literature cited: Number citations alphabetically and use the number of the reference in parentheses (Dixie 18). For cultivar names that are registered trade names insert (R) after the name. For approved common and scientific names of weeds, see the *Composite List of Weeds*, Revised 1989, available from WSSA, 810 East 10th Street, Lawrence, KS 66044-8897. After the first mention, use only the common names. **The term "tolerance" is not used by WSSA.** Plants are considered either resistant or susceptible (i.e., triazine-resistant) in the text. Each citation should include names of all authors, year of publication, complete title, publication, volume number, and inclusive pages, in that sequence. When two or more authors are listed, initials should follow the last name for the first author, but the initials should precede the last name of other authors (see detailed instructions in the *CBE Style Manual*). Do not leave a space between the period after each initial and the next letter. Books, bulletins, and other similar publications should show as the last entry the number of pages in the publication. Theses, letters, or other communications or publications not normally available in libraries should appear as text footnotes and not in the Literature Cited section.

Indexing - Keywords

Authors are required to prepare a key word list for each of their papers. This can be at the NEWSS website www.newss.net. This list is used to make an index to the Proceedings. Capitalize all keywords and state noun first, followed by modifier as shown in the following examples: Maple, red or Corn, sweet. Do not show the authority for binomials. Use the form provided to list keywords by the following categories.

-Author name(s): last name, followed by initials.

-Crop(s): list both common and scientific name(s).

-Weeds(s): list both common and scientific names(s).

-Area(s) of non-crop use.

-Chemical(s): WSSA approved common names, or code number only if no approved name is available. Use trade names for pre-packaged mixtures only. Check WSSA's website www.wssa.net (click "Herbicides and Control", then "Herbicide Names") for the current list of approved chemical and common names.

-Subject, special equipment and techniques, biochemical, physiological, or microbiological observations.

Typing Instructions

Paper - Smooth surface, mimeograph type paper.

Page size - 8 ½" by 11".

Margins - Top and both sides - 1", bottom - 3/4". Indent paragraphs in abstracts and full-length papers.

Corrections - Do not erase, paste on corrections.

Typewriter/Printer - Use 12 pitch print. Laser print or clear typed copies are recommended. Manuscripts printed on dot matrix printers may be rejected by the editor if print quality is poor.

Spacing - Single space text, tables, and table and figure headings. Double space between section headings and single space between paragraphs.

Do not use staples or paper clips on the original.

Do not number pages.

Capitalize proper nouns, Table, Figure, etc.

Footnotes - In Tables and Figures annotate with lower case letters. Number footnotes consecutively in text.

Review abstracts and papers prior to submission

Please follow instructions and observe the announced deadline.

Mailing Instructions

Mail an original (**FAX WILL NOT BE ACCEPTED**) and one copy of the abstract or full-length paper, the keyword form, and excess page charges to the NEWSS Editor.

Mark VanGessel
Research and Education Center
University of Delaware
16684 County Seat Highway
Georgetown, DE 19947
mjv@udel.edu

All copies should be mailed flat. Use cardboard on top and bottom when mailing to prevent damage.

Electronic submission

Complete the key word list for each paper at the website www.newss.net. Text and graphs or figures should be sent via email attachments to mjv@udel.edu. Text files need to be MS Word or WordPerfect compatible and graphics must be PowerPoint compatible. Upon receipt, files will be printed and if re-formatting is required, authors will be notified for corrections or for a hard copy.

Procedures for the NEWSS Archives

The Past President of the society will compile information from the previous year for the NEWSS

archives. If you have articles, pictures, or other items for the NEWSS archives, send them to Dave Mayonado, Monsanto Company, 6075 Westbrooke Drive, Salisbury, MD 21801. Robin Bellinder is maintaining the archives at Cornell University.

News From Washington

Dan Kunkel, Legislative

Congress Considers Pending Bill: "Fees For Service" policy for EPA. Crop Life America, along with a coalition of industry groups and others, have prepared a new "Fees For Service" bill for Congress to consider this summer. The EPA provided technical assistance as Crop Life and the coalition prepared the bill. Under this bill the registration maintenance fees would initially increase to \$26 million in 2004, to \$27 million in 2005 and 2006, then decrease to \$21 Million in 2007 and to \$15 million in 2008, at which time fees for service would be fully implemented. Included in these fees would be a fast track review provision where \$10 million would be provided over a three year period for enhanced reviews of inserts, Experimental Use Permits, and other special uses. Provisions for "reduced risk" chemistries would remain, with a somewhat shorter review time and incentives for bundling multiple uses. Submissions for public uses such as IR-4, state, and USDA submissions will continue to be exempt from fees and follow expected timelines. However, these public submissions would require the submission of a waiver to document public need and support. The proposed bill has an accountability provision for the EPA to report on review times and output. The timelines start at submission and stop with final approval, including review actions. The proposed legislation will be discussed this summer, and if passed, would begin October 1st with the 2004 fiscal year. Success of bill passage is as yet unknown; therefore, the Agency is proceeding with preparation of a 2004 Work Plan as in past years.

WSSA's Director of Science Policy, Activities Much planning, preparation, and fundraising is going into *the Invasive Plants in Natural and Managed Systems Conference* (IPINAMS). This conference will be co-chaired by WSSA and the Ecological Society of America, and conference planners expect over 350 abstracts and approximately 200 invited presentations. Anticipated attendance is 800-1000 people. There also will be travel grants for some 40 students (underwritten by the National Science Foundation). Pre-registration is scheduled to open in August.

The United States Department of Agriculture Economic Research Service (USDA-ERS) has launched a \$2 million project to analyze the economic impacts of invasive species. This project will include a \$1.5 million competitive grant program.

The groundwork has begun for the fifth National Invasive Weed Awareness Week that will be held February 22-27, 2004.

For further information contact Rob Hedberg at robhedberg@erols.com

Graduate Student Workshop

Carrie Judge, Graduate Student Rep

Calling all Graduate Students!

Please consider presenting your research at the annual meeting in Cambridge, MA January 5-8, 2004. The title submission deadline is September 12, 2003 and abstracts are due October 31, 2003. All students that participate in the graduate student paper contest are eligible for reimbursement by the NEWSS, based on double occupancy.

A graduate student workshop and mixer will be held Tuesday, January 6, from 6 to 8 pm. The theme for this year's workshop is Interviewing and Contract Negotiating!

Hope to see you all there!

2005 NEWSS Annual Meeting

Robin Bellinder, NEWSS President - Elect

PLAN AHEAD AND PUT US ON YOUR CALENDAR!!!

After listening to the membership, I have opted to change the usual venue for our meeting. Instead of returning to Baltimore, we will be meeting at the Capital Hilton in Washington DC, January 3-6, 2005. The hotel is located just 2 blocks from the White House and is easily accessible by air, subway, and car. Hotel accommodations will cost \$116 for singles and doubles. We expect to have an outstanding program in place for the meeting.

Call for Nominations: Vice President

The Executive Committee is requesting suggestions from the membership for nominations to the office of NEWSS Vice President. The Vice President serves as chairperson of the program committee and automatically succeeds to the office of President Elect. By general rule, the person elected Vice President at the 2002 meeting should be selected from members who are employed in the private sector (industry, consulting firm, etc). Nominations should be sent to Dave Mayonado, Chairman of the Nominating Committee, by October 1,

2003 (see contact information, page 2).

Invasive Species Workshop

Art Gover, Research & Education Coordinator

A workshop titled "Invasive Species in Riparian Corridors: Removal and Restoration" will be offered at the 2004 annual meeting. The workshop, co-sponsored by the New England Invasive Plant Group (NIPGro), will be held on Tuesday, January 6, from 3:00 to 6:00 pm. This workshop will address rules and regulations for riparian herbicide applications in the New England region, current control technology and techniques, and reports of restoration successes and failures.

Control and restoration presentations will focus on efforts to manage Japanese knotweed (*Polygonum cuspidatum*) in riparian settings. Knotweed control in riparian settings is very challenging because of its aggressive, monotypic growth; imposing size; ability to quickly recover from injury caused by control measures; and apparent allelopathic qualities of knotweed which hinder quick re-vegetation.

Graduate Student Travel Award: IWSS

The International Weed Science Society Announces Graduate Student Travel Award Opportunity

The IWSS has decided to encourage the participation of young weed scientists (M.Sc. and Ph.D. students) in the upcoming IWSC-2004 in Durban, South Africa, by providing up to 6 scholarships that will cover registration fees, accommodation, and a portion of travel expenses. The Graduate Student Award Committee (Prof. J. Streibig, Chairman, Dr. Phil Banks and Prof. B. Rubin) will select the awardees according to the following criteria:

1. The candidate must be enrolled as a M.Sc. or Ph.D. student, pursuing a degree related to WEED SCIENCE as of December 20, 2003.
2. Submissions should be in the form of a manuscript (up to five pages) including tables, figures, and photos (PDF file - 12 pt. font, 1.5-spaced, with a 3-cm margin throughout), abstract, introduction, materials and methods, results, and discussion. Deadline for submission is December 31, 2003.
3. Submissions will be appraised/judged based on the following merits: quality of research, novelty, contribution to the discipline of weed science, and contribution to the Society. The research is

required to be that of the student.

4. Submissions should include a letter of commitment from the student's major professor or institution to provide additional travel support if the student should receive the award.
5. All material should be sent **via e-mail**, no later than December 31, 2003 to:

Prof. J. C. Streibig – The Royal Veterinary & Agricultural University, Dept. Agricultural Sciences (Weed Science), Room T364, Thorvaldsensvej 40, DK-1871 Frederiksberg, Denmark (Jens.C.Streibig@agsci.kvl.dk)

Dr. P. A. Banks, Marathon-Ag/Environ Consulting, 2649 Navajo Rd, Las Cruces, NM 88007, USA (MarathonAg@zianet.com)

Prof. B. Rubin, Institute of Agricultural Plant Sciences and Genetics, Faculty of Agriculture, Rehovot 76100, Israel (rubin@agri.huji.ac.il)

Awards will be announced at the Weed Science Society of America meeting at Kansas City, MO in February of 2004. Awardees will present their work at the IWSS meeting in Durban.

WSSA Report

Jeff Derr, WSSA Representative

The WSSA board met July 25-27, 2003 at the Westin Crown Center in Kansas City, MO, site of the 2004 meeting (February 7-11, 2004). The hotel should be an excellent site for the annual meeting. The symposia and workshops selected for the annual meeting are: Remote Sensing and Site-Specific Weed Management, Fate of Agrochemicals in the Environment and Implications on Water Quality, Sustainability of Glyphosate and Glyphosate-Resistant Crops, Second Generation Crop Biotechnology and Predicted Effects on Weed and Pest Management, an Invasive Species Workshop, and Weed Seedling Recruitment. A vegetable roundtable is planned. A roundtable also is planned as part of the business meeting to give the membership an opportunity to discuss issues with the board.

There was a small profit realized from the Jacksonville meeting. Although WSSA did not reach its room block goal, more money was spent on food/catering than was called for in the contract, so the hotel did not charge a penalty. The next three annual meetings will be: 2004 – Kansas City, MO; 2005 – Honolulu, Hawaii (February 7-10, 2005); 2006 – New York City, NY. WSSA President, Al Hamill, will sign a contract with the Marriott Marquis for the 2006 meeting in New York City.

Gerry Stephenson was appointed Director of Education

for the Society. The board is considering the possibility of digitizing back issues (prior to 2000) of Weed Science, Weed Technology, and Weeds. A national graduate student organization is being developed with Cody Gray of Mississippi State as the first representative to the WSSA board.

Rob Hedberg has developed a poster describing the WSSA and would appreciate any comments or high quality photographs. The board is finalizing a contract to make Rob Hedberg a paid employee of the WSSA. Rob is spending a lot of time on the WSSA/ESA invasives conference. Nelroy Jackson suggested booking hotel reservations early since they are expecting a large group at the meeting. There are approximately 530 presenters for the Invasives Conference, 800 to 1000 in attendance.

As of this year, WSSA membership is approximately 1700, after a loss of about 200 from peak enrollment. The board spent time developing a vision for the Society and goal implementation to address our strategic plan. So far there are 4 nominees each for Secretary, Member at large (industry), and Vice President. Only 1 of 12 is from the Northeast.

The WSSA has made gains in the General Fund and Endowment Fund so far this year. We felt the Endowment Fund was too low (about \$270, 000) for a society of our size. The two areas where revenues are falling short of budget projections are in journal subscriptions and special publications sales. The lower journal subscription revenue is likely attributable to the Divine Rowecom bankruptcy filing, as there were a number of subscribers who had already paid Divine and couldn't afford to pay for their subscriptions twice. While sales of the Handbook are steady, they remain below projected levels. We are beginning to see the effects of the increase in journal page charges. While the costs of Weed Science will probably increase because we are printing more pages per journal, the increased cost may be offset by the page charges; we must track this trend for a time to determine the net effects.

The WSSA received a proposed contract from Flora ID Northwest to market compact discs (CD) of all known native and introduced plant species in 13 western states and British Columbia. The board decided to table this issue until the February meeting. The Society is pursuing support for a CD that it will market on Invasive Plant impact on rangeland and wildland, which will include 16 weeds.

The WSSA will consider advertising publications from regional and state societies. Example: Joe DiTomaso's will sell his new book on aquatic and riparian weeds to the Society for \$28/copy in 100-unit lots, which will then retail at \$40.00/copy, returning a profit to the WSSA of \$12.00/copy or about 43%.

XID Program: The WSSA is partnering with XID Services, Inc. to sell an inexpensive (\$49.95 + \$4.95 S&H) and comprehensive interactive key of 1,000

common weeds in the United States and Canada. By entering simple plant characteristics of an unknown weed, you can use the interactive key to quickly identify the species.

In addition to this interactive weed identification program, the CD contains: a helpful tutorial, one or more images of each weed, common names (and synonyms for each species), up-to-date scientific names, an illustrated glossary of terms, and page number references to over 30 of the most commonly used weed reference books; the resource should be useful to scientists and practitioners, as well as teachers and students.

The first release (Phase I) contains 140 grass-like weeds and 860 broadleaf weeds. Phase II will be available within two years and will include 1,400 weed species, to be sold at a reduced price to owners of Phase I. Plans are to have Phase I available for sale by January 2, 2004 and Phase II available in time for the 2005 WSSA annual meeting. Alex Ogg will serve as liaison between WSSA and XID Services, Inc. Contact Alex Ogg or Horace Skipper for color product brochures.

Bulk Orders: A **15%** discount is available for orders of 10 or more CDs shipped to one address (S&H fee of \$2.00 per CD). A **30%** discount is available on a site license for 10 or more copies (S&H fee of \$5.00). The site license allows for the holder to burn additional copies up to the quantity specified in the license. For additional information, please contact Horace (Skip) Skipper at 864-656-3525 (skipper@clemsun.edu).

A parent committee and four subcommittees were formed during the spring and summer of 2003 to work on this project. **Parent Committee:** Alex Ogg-chair, Horace Skipper, Robert Gallagher, Rich Old. A web page has been established as a link from the WSSA Home Page (www.wssa.net). On this page is a general description of the project, suggestions/guidelines for collecting and transferring images, and links to lists of the weeds species for which we still need images. Guidelines for weed biographies will soon be added to the page.

Images Collection Subcommittee: This subcommittee is charged with the responsibility of making sure WSSA collects the images of the 420 weeds needed to complete Phase II, and includes Alex Ogg-Chair, Jason Norsworthy, Jesse Richardson, Bill Curran, Aaron Hager. An e-mail was sent to all WSSA members requesting their help in collecting the needed images. A similar request was published in the July 2003 issue of the WSSA newsletter. Some individual WSSA members have been contacted directly by e-mail or telephone and encouraged to participate. To date, the response from the membership has been disappointing. Rich Old is offering a 50% discount on either the Phase I or Phase II CDs to anyone submitting images or weed biographies for 10 weed species and a 100% discount to anyone submitting images or weed biographies for 20 or more

species. Unfortunately, the offer failed to improve participation, which raises a major concern as to whether the WSSA is going to be able to fulfill their obligation to collect the needed images for the 420 species, and may be necessary for the Society to hire someone to collect the needed images, or to at least pay travel costs for someone to visit the different regions and collect the needed images. Greg MacDonald, President of the Aquatic Plant Management Society, has volunteered his organization to collect the images of the aquatic species, but to date none have been received.

Images Accuracy and Quality Subcommittee: This subcommittee is charged with verifying the accuracy and quality of the images collected, and includes Rich Old-chair, Joe DiTomaso, and Stephen Darbyshire (Canadian taxonomist, non-WSSA member). Very little activity has occurred because only a few images have been received from the membership.

Weed Biography Subcommittee: Robert Gallagher-chair, Eric Gallandt, Ed Luschei, Antonio DiTommaso, Albert Fischer, Jim Kells. believe the best way to gather the needed weed biography information for the 1400 species in Phase II is to enlist the help of weed science instructors and their students. Initial contacts have been made to some weed science instructors at a number of universities. A list of all WSSA members with teaching responsibility was prepared by Allen Press and sent to the chair of this subcommittee, who plan to contact all of these individuals and solicit their help with the project. Suggested guidelines for weed biographies: 1-2 pages of text including: scientific names and synonyms, plant family, common names, origin and distribution in North America, agronomic importance, life history traits, ethnobotanical characteristics, facts and folklore, and relevant references.

Marketing Subcommittee: Members of this subcommittee, Horace Skipper-chair, Phil Banks, Wynn John, Charlotte Eberlein, Jerry Ivany, and Pat Tranel, are charged with developing a marketing strategy for the CDs, compiling mailing lists, and designing color product brochures. Design of the Phase I case and CD are completed, and a color brochure has been drafted. Mailing lists are being compiled and will include member societies, CCA, extension agents, growers, state groups, and Canadian groups. Other books also will be advertised in the brochure.

NEWSS Web Site Instructions

Shawn Askew, NEWSS Webmaster

New changes are on the horizon for the NEWSS web site. In late May, the website was moved to a new server purchased and maintained by Shawn Askew at Virginia Tech. By having the server at our fingertips, so to speak, we will be able to offer more interactive features in the near future. The current NEWSS membership has been

added to the web site, that is, if you are a NEWSS member, you already have an account set up on the web site. A mass e-mail will be sent out soon to notify members about upcoming events, such as title submission, and to introduce members to their web site accounts. Title submission through the web site currently is in the “debugging” stage, and will be available in plenty of time for the September 12 deadline. Be sure to check your e-mail for upcoming notices, and periodically check the NEWSS web site. Access the site by typing “www.newss.org” or “www.newss.net” in the Address box of your web browser, and once at the site, save the address to your “Favorites” list (be sure to overwrite any previous NEWSS web addresses you may have saved). Also, click the “Refresh” button on your browser when you visit the site, as we are constantly making changes during this transition period. If you have any questions related to the web site, please contact Shawn Askew at saskew@vt.edu. Critical comments and suggestions are welcome.

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