



Western Society of Weed Science Newsletter

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Summer 2011

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Report from the President by Vanelle Peterson



The WSWs Board of Directors recently held the summer Board meeting at the Peppermill Resort Hotel in Reno; it is a wonderful venue for the March 12-15, 2012 annual meeting. All the meeting rooms are adjacent to each other and they are large enough to accommodate everyone in every section! The hotel has several award winning restaurants, themed bars, and the casino and shows for your entertainment when the meeting is not in session. The meeting rooms and several of the restaurants are arranged away from the casino so you can avoid the smoky areas if you desire. All in all it should be a fine location for our annual meeting. Kai Umeda, Program chair, is preparing an interesting General Session and there are 2 symposia planned (see Kai's

article for more information).

The WSWs website (wsweedsociety.org) will have the latest information and deadlines for meeting registration, title and abstract submission. A link to the WSSA website for title and abstract submissions will be available on the WSWs website. Remember that registration for the meeting should be done at the WSWs web site wsweedsociety.org.

In addition to working on the day-to-day operations of the society at the summer Board meeting, the Board of Directors spent a half of a day on a strategic planning exercise. The Board will be working to summarize their strategic planning work and develop a membership survey which will come your way via email later this year. We want to find out what you – the members of WSWs – think needs to be done to improve the annual meeting and membership in the society.

Society finances were a major topic of discussion at the board meeting. Luke Samuel, chair of the Finance committee, met with the Board by phone to review the committee's recommendations. WSWs finances are in good standing and, in fact, the conservative investments with RBC Dain Rauscher had a return of 5.37% this year. However, we need to be aware that the annual meetings must not only breakeven but also bring in enough money for the society to support our commitments (payment for a Business director, contributions to the Director of Science Policy, student scholarships, CAST dues, WSWs Noxious Weed Short course, etc.). The Board has struggled with the idea that the registrations fees should be raised for a couple of years. Now is the time; the finance committee recommended and the board voted to raise meeting member registration by \$25 (\$205 to \$230) and student registration by \$20 (\$80 to 100). We hope that the membership understands that we were reluctant to do this but need to make sure that the society remains sustainable. We are fortunate that past leaders in WSWs saw fit to create the Weeds of the West book which has helped support the activities of the society for many years. Sales of the book are still good but not as high as in the past. The Board also voted at the recent Board meeting to re-print the book with minor edits – making sure that the common and scientific names match those listed in the WSSA Composite List of Weeds. That should see the society through the near future as we attempt to understand how we can get our finances more in balance. I would like to hear from anyone who would consider serving on an ad hoc committee to develop the next step for Weeds of the West (smart phone apps? tablet programs?). Another vote by the Board was to store and handle all of the Weeds of the West books from the Business Manager's office in Las Cruces. Joe DiTomaso, WSWs Past President, in cooperation with Tom Whitson, investigated how the books are handled now and how WSWs might save/make money if the storage were moved from the University of Wyoming to Las Cruces. Even considering shipping and handling costs, etc from Las Cruces, the bottom line is still an estimated increase in revenue to the society of about \$4000 per year beyond what we already make. For more details see Joe's report on the WSWs website.

As you are aware, WSWs is contracting with Sandra McDonald, Mountain PEST, to coordinate the WSWs Noxious Weed Short Course. She, and her able bodied faculty, ran an excellent course at the Sylvan Dale Ranch outside of Denver, CO in April. Attendance was lower than desired and mostly from Colorado and Wyoming; however it may have been due to the economy and fewer resources for people to travel and to our not holding the course for one year. Sandra has a plan to market the short course during this year to increase attendance next year. Next year's short course will be held at the same location on April 16 - 19, 2012. Please contact Sandra McDonald (sandrakmcdonald@gmail.com) for more information and to register for 2012.

This year was unusual because there was a national Weed Contest called the WeedOlympics held in Knoxville, TN on July 27, 2011. Other regional societies have sponsored weed contests in the past but this is the first time that WSWs students have participated in a weed contest. Three graduate teams (Washington State University, Kansas State University, and Oklahoma State University) and one undergraduate team (New Mexico State University) registered from WSWs. Thanks to the coaches and students who participated; it took a lot of time and effort on their part to be there. It was a fun and exciting day for everyone. I was truly impressed with all the work it took to set up and sponsor the contest – herbicide symptom plots, weed ID, calibration exercise, and problem solving. Greg Armel and Jim Brosnan, University of Tennessee, did a fantastic job getting it all organized from finding all the judges necessary, to buses to transport everyone, and to a fun banquet at the end of the day. Also thanks to Robert Norris, retired University of California, Davis, the WSWs elder statesman who gave the history of WSWs at the banquet. See the article on the competition to find out who won!

Last but not least, the Board voted to continue with another 2 year contract with Phil Banks, Marathon Ag Consulting, as Business Manager. We are very fortunate to have Phil working with us. He brings a calm and reasoned approach and has the unique experiences of being an active member of WSSA, having served as WSWs President, SWSS President and currently Business Manager for NCWSS, SWSS as well as WSWs. I can't thank Phil enough for his assistance through the year.

Thank you for the opportunity to serve the society this year. It is a fun and rewarding time to do this. I especially enjoy serving with the other enthusiastic Board members and committee chairs, and Phil Banks. Please feel free to contact me if you have any ideas or concerns about WSWs.

Student Liaison's Report by Mike Ostlie

Hello and welcome back to classes. Another field season is wrapping up and I'm sure many of you are excited to start evaluating your results. And as you begin thinking of the next few months, I wanted to send out a reminder that the WSWs is offering 3 scholarships for outstanding students in the society. The application will be posted soon to the student website (http://www.wsweedsociety.org/Students/Student_Portal.asp) with the deadline of Oct 31st 2011. This will allow anyone to hear back from the awards committee before titles and abstracts are due for the annual meeting in Reno! This is in addition to the \$25 each student is allowed during the meeting for up to three nights to supplement hotel costs.

Be on the lookout for increased student presence. We have recently started a LinkedIn page. To receive updates on things like the scholarship and receive student related information feel free to join that group. Also, there will be an additional event at the annual meeting this year. We will be hosting a silent auction with proceeds benefiting student scholarships and activities (such as the student paper and poster contests). If you have any great ideas for auction items, keep in touch.

If you are interested in getting more involved in the Weed Science sector, please consider running for the Student Liaison position in the society. This is a good way to help make improvements to the society and make connections with professionals in all facets of Weed Science.

If you have any comments/concerns/suggestions regarding student events please let us know. mostlie@rams.colostate.edu or Cameron Douglass (cameron.douglass@colostate.edu), the incoming student liaison.

National WeedOlympics by Vanelle Peterson, Phil Banks and Jill Schroeder

As many of you are aware, a national Weed Contest called the WeedOlympics was held in Knoxville, TN on July 27, 2011. Last year Greg Armel, University of Tennessee and co-organizer, came to the WSWs annual meeting to talk with the WSWs students and potential coaches about participating. Four Universities responded to the challenge and traveled to Tennessee to participate. Three graduate teams (Washington State University, Kansas State University, and Oklahoma State University) and one undergraduate team (New Mexico State University) registered from WSWs. The competition had several parts – a written exam, plots for the

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identification of herbicide symptom, weed ID, calibration exercise, and problem solving – all in one day! It was a grueling day for the contestants starting at 7 am and ending at about 5 pm. The feedback from the students was that it was a tough, but fun, day and they were (mostly) glad that they were taking part. Thanks to the coaches and students who participated; it took a lot of time and effort on their part to be there. It was a fun and exciting day for everyone. At the end of the day there was a banquet at which the WSWs “elder statesman” Robert Norris (retired University of California, Davis) gave a brief history of WSWs. Awards were given to the regional winners and to national first place winners. Some of the scores were very close (one within ½ a point!) and showed that the students had taken the exercise seriously enough to spend extra time studying. Please join us in congratulating those individuals and teams that participated and those that won.

WSWS Regional Winners

Graduate students

1st place – J.D. Riffel, Kansas State University
2nd place – Samantha Ambrose, Oklahoma State University
3rd place – Jared Bell, Washington State University

Undergraduate Students

1st place - Joni Blount
2nd place – Drew Garnett

Graduate teams

1st place – Washington State University (team members: Jared Bell, Misha Manuchehri, Nevin Lawrence, and Alan Raeder and coach, Ian Burke)
2nd place – Kansas State University (team members: Josh Putnam, J. D. Riffel, and Jessica Zimmerman and coach Dallas Peterson)
3rd place – Oklahoma State University (team members: Samantha Ambrose, Robert-Steven Calhoun, Matt Terry, and Lydia Tomlinson and coach Joe Armstrong)

Undergraduate team:

1st place – New Mexico State University (team members: Joni Blount, Andy Dyer, Drew Garnett, and Heather Bedale and coaches Phil Banks and Jill Schroeder)

National winners

Graduate Student: Jason Parrish, Ohio State University
Undergraduate Student: Dan Tekiela, Virginia PolyTechnic University
Graduate team: Purdue University (team members: Jared Roskamp, Ryan Terry, Chad Barbham, and Paul Marquardt)
Undergraduate team: University of Guelph (team members: Thomas Judd, Adam Parker, Michael Vanhie, and Jessica Gal)

See Sidebar photo gallery

Call for Papers and Posters for the 65th Annual Meeting of WSWs

by Kai Umeda, Program Chair

As the summer research season winds down, it is time to organize your thoughts to put together a poster display or an oral presentation for the 65th Annual Meeting of the Western Society of Weed Science in Reno, NV. All members are invited to submit a paper(s) and/or poster(s) to share results of their research next March 13-15, 2012 at the Peppermill Resort Spa Casino. Those of you in laboratories or in warmer regions where weeds grow all year-around, pause a moment to catch your breath and put together a "Powerpoint" presentation or poster for Reno. The structure of WSWs is unique in that we have five projects where professionals and students can share their research and experience in Agronomic Crops, Horticultural Crops, Weeds of Range and Natural Areas, Basic Biology and Ecology, and in Teaching and Technology Transfer. Oral presentations in these project sessions are limited to the traditional 15 minutes - 12 to 13 minute presentations followed by 2-3 minutes of questions and answers. Authors of posters will have an opportunity to expound upon their data tables and pictures during designated poster sessions. Graduate and undergraduate students are encouraged to submit presentations in the student paper and poster contests.

Again this year, WSWs will share with WSSA the electronic title and abstract submission procedures. The title and abstract submission process will begin on October 5, 2011 by entering the WSWs website to register for the meeting. The deadline for submitting titles will be December 1. Abstracts will have to be uploaded by February 1, 2012. The "cut and paste" method should be a simple procedure for most members and will enable the program committee and editors to formulate the conference agenda and it's proceedings in a more rapid and efficient manner. All title and abstract submissions can be done through the our website at www.wsweedscience.org.

In Reno, there will be two symposia that should draw interested attendees from neighboring populous California. Tree fruit, nut, and vine growers and consultants should be attracted to a horticulture project symposium - *Future Trends in Tree Fruit and Vines Weed Control: The Development of Glyphosate Resistant Weed Populations in Orchards and How to Manage Effective Weed Control Programs*.

The second will be a special extended symposium -*Ecology and Management of Downy Brome (Bromus tectorum) in the West: What can the past tell us about the future?* There should be wide interest in the symposium from all sectors of the WSWs membership in addition to the Californians and local Nevadans.

We continue to ask WSWs members to consider submitting proposals for future meetings in San Diego in 2013 and Colorado Springs in 2014. Members are encouraged to creatively design and plan timely or regionally relevant topics for future symposia. Refer to the Spring 2011 issue of the WSWs Newsletter for instructions to submit symposium proposals.

Call for Nominations Distinguished Achievement Awards WSWs Presented at the 2012 Annual Meeting

by Jill Schroeder, Awards Committee Chair

Everyone knows of some skilled and outstanding weed scientists in the western region who have contributed a great deal over the years and deserve our recognition and appreciation. One way to recognize such persons is to nominate them for a WSWs award. Please take the time and nominate an individual for one of awards listed below.

CRITERIA USED FOR EVALUATING NOMINATIONS

Awards are based on merit and impact on weed science and weed management practices. Applicants MUST BE a member of WSWs. Professional achievements and their impacts are the principal criteria for receiving these awards. There is no requirement that an award be given in any or every category. Past winners are not eligible again in the same category. An award may be given each year in both the private and public sectors for Outstanding Weed Scientist and Outstanding Weed Scientist – Early Career. Only one award may be given each year for Weed Manager and Professional Staff. Within the guidelines for each category, there is flexibility to fit the nominee.

I. OUTSTANDING WEED SCIENTIST

This award recognizes outstanding achievements in weed science from individuals in both the public and private sectors. Principle criteria for this award includes innovative or unique approaches that result in learning, ability to clearly communicate ideas, motivation of the intended audience, demonstrate excellence and creativity in research accomplishments, applying results to solve problems in weed science, the impact on weed management practices and principals of weed science, and recognition of accomplishments by peers and intended audiences.

WeedOlympics Photo Gallery



Written Exam



1st place – Washington State University (team members: Jared Bell, Nevin Lawrence, Misha Manuchehri, and Alan Raeder and Coach Ian Burke)



New Mexico State University (team members: Coach Phil Banks, Andy Dyer, Heather Bedale, Drew Garnett, Joni Blount and Coach Jill Schroeder)



2nd place – Kansas State University Vanelle Peterson (team members: Josh Putnam, Jessica Zimmerman, J. D. Riffel, and coach Dallas Peterson)



3rd place – Oklahoma State University Pictured Vanelle Peterson (team members: Lydia Tomlinson, Robert-Steven Calhoun, Samantha Ambrose, Matt Terry and coach Joe Armstrong)

WSSA UNDERGRADUATE RESEARCH AWARD – 2012

The Weed Science Society of America (WSSA) has developed an Undergraduate Student Research Grant designed to encourage and involve exceptional undergraduates in agricultural research. Interested faculty members are encouraged to identify potential award candidates and discuss the possibility of sponsoring a research project. Awards may be used as a stipend, for research budget expenses (travel, supplies, etc.), to defer fees, to defray living expenses for summer research, or any combination of these items.

AWARD: Up to \$1000 for support of undergraduate research to be conducted over a minimum of one quarter/semester during 2012. This award may be used to defray the cost of research supplies or as a stipend. Support of a faculty sponsor is required. Awards will be made to the student, to be administered by the faculty sponsor's department.

APPLICANT: The applicant is an undergraduate student with a strong interest in Weed Science. Students majoring in all related disciplines may apply.

TO APPLY: Applicants should prepare a 2-3 page research proposal including name, address, phone number, E-mail address, title, objective, experimental approach, discussion, budget and references. The discussion section of the proposal should describe the expected results and their possible significance to Weed Science. The student should provide a cover letter in which general academic and career goals are discussed. A copy of the student's academic transcripts must also be provided.

FACULTY SPONSOR: Any faculty member who is actively engaged in Weed Science research is qualified to be a sponsor. The faculty sponsor should review the research proposal with special attention to the budget; the distribution of funds should be approved by both the student and sponsor. In addition, the sponsor should provide a letter of reference including a statement of his/her willingness to supervise the proposed research and to provide any needed space, equipment and supplies above those requested in the proposal. The sponsor is encouraged to assist the student in presenting his/her results at a regional Weed Science Meeting.

HOW TO APPLY: The completed proposal, academic transcripts, cover letter and faculty letter of support should be forwarded to: Dr. John Jachetta, Dow AgroSciences, 9330

II. OUTSTANDING WEED SCIENTIST – EARLY CAREER

This award is to be given to members in the private and public sectors with no more than 10 years of service after completion of their terminal degree. This award recognizes outstanding achievements in weed science early in the individual career with the same criteria as the outstanding weed scientist above.

III. WEED MANAGER

This award recognizes outstanding and sustained contributions in support of weed science activities. This award is intended for those paid by taxpayers and are working in the public sector, such as employees of state departments of agriculture, weed boards, public land managers, and vegetation management personnel. The nominee must have been involved in the WSSWS and weed science for at least five years at the time of nomination.

IV. PROFESSIONAL STAFF

This award recognizes outstanding and sustained contributions in support of weed science activities. Nominees will be restricted to individuals that work under the direction of university, federal, or industry scientists. These individuals may have titles such as researcher, research associate, technician, support scientist, or specialist. The nominee must have been involved in the WSSWS and weed science research, extension, or resident education for at least five years at the time of nomination.

NOMINATION DEADLINE:

Nominations must be received by December 1, 2011.

NOMINATOR'S RESPONSIBILITY:

The nominator will submit a nomination document following the "Instructions for Nomination" guideline. The nominator is responsible for obtaining three letters of support and including them with the nomination package. Unsuccessful nominations will remain active for three years; however, an updated nomination packet of holdover candidates is encouraged.

The nomination package, including the supporting letters, should be sent, by email, to the chair of the Awards Committee by December 1, 2011.

Jill Schroeder
Awards Committee Chairperson
New Mexico State University
Las Cruces, NM
Email: jischroe@nmsu.edu
Phone: 575/646-2328

Request for WSSWS Fellow and Honorary Member Nominations

by Celestine Duncan, Committee Chair

Now is your chance to nominate deserving colleagues as a WSSWS Fellow or Honorary Member!

WSSWS FELLOW

WSSWS Guidelines for Nominating Fellows

Fellows of the society are members who have given meritorious service to the Western Society of Weed Science.

The nominator must contact the member to be nominated and request them to prepare a concise [2-3 page] resume.

- The nominee must be involved in the process. The most pertinent information about the nominee can only be obtained from the nominee.
- The nominee's resume should be based on the WSSWS guidelines approved by the Board of Directors (see below).
- Information from the resume will be used by the nominator in writing the letter of nomination.
- The nominator also is responsible for soliciting two letters of support for the nominee. The letters should be sent to the nominator and included in the nomination package sent to the committee.
- The nomination package should include the nominee's vita, the nominator's letter of nomination, and two support letters.

SERVICE TO WSSWS – Please address the following points in the resume:

- Officer:** President; Vice-President; Secretary, Research Section Chair; Education & Regulatory Section Chair; Editor; Other.
- Committees:** Standing; Special; Ad Hoc.
- Presentations and Publications:** WSSWS – Papers, Proceedings, Research Progress
- Service to other Weed Science Societies:** Weed Science Society of America; State Organizations.
- Academic Weed Science Endeavors:** Teacher; Graduate Students; Refereed Publications; Extension Publications, Books; Popular Publications; Academic Weed Science Pursuits; Other.
- Industry Weed Science Endeavors:** Sales and Marketing; Research and Development; Regional Manager; Product Manager.
- Other Meritorious Weed Science Service**

WSSWS HONORARY MEMBER

WSSWS Guidelines for Nominating Honorary Members

Honorary members are selected from individuals whose activities have been largely from outside the Western Society of Weed Science, but who have significantly contributed to the field of weed science.

- The nominator must contact the person to be nominated and request them to prepare a vita.
- The nominator will then prepare a letter summarizing the nominee's contribution to the area of weed science with emphasis on how the interests of the WSSWS have been served by this non-member.
- Include the vita with the letter of nomination to provide all pertinent information to the Committee.

NOMINATIONS FOR FELLOW AND HONORARY MEMBER PACKAGES ARE DUE BY DECEMBER 1, 2011 TO:

Electronic submission preferred
Celestine Duncan, Consultant
PO Box Helena, MT 596241385
443-1469 weeds1@wildblue.net

A Note from the Business Office

by Phil Banks, WSSWS Business Manager/Treasurer

If you did not attend the past meeting and have not done so already, you should renew your WSSWS membership for 2011. You can do this by login to your contact page at the website (www.wsweedscience.org) and scrolling to the bottom of the page. You can also renew by just sending me a check for \$ 30.00 along with your name and current contact information. If you have changed address, job, phone number, or e-mail address, please take the time to update your information. Let me know if you have any questions on this or need additional information. Our next annual meeting will be at the Peppermill Hotel and Casino in Reno, NV March 12-15, 2012. The summer Board meeting was held there and the hotel is magnificent with lots of room

Zionsville Road, Indianapolis, IN 46268-1054; Phone: (317) 337-4686, Fax (317) 337-4649, E-mail: jjjachetta@dow.com. Proposals should be received no later than November 11, 2011. Funding decisions will be made by January 27, 2012 and presented at the 2012 WSSA National Meeting Awards Ceremony.

Calendar of Events

XIIIth International Symposium on Biological Control of Weeds

Kohala Coast of the Big Island of Hawaii

September 11 - 16, 2011

http://uhhconferencecenter.com/xiii_isbcw.html

23rd Asian-Pacific Weed Science Society Conference

Weed Management in a Changing World

September 25-30, 2011

At the Sebel Cairnes, North Queensland, Australia

<http://www.apwss2011.com/>

New Mexico Vegetation Management Association Annual Conference

November 16-17, 2011

Route 66 Casino Hotel

14500 Central

Albuquerque, NM 87121

Pre-registration deadline October 31, 2011

<http://www.nmvma.com>

The 2012 Noxious Weed Short Course

April 16 - 19, 2012

at the Sylvan Dale Guest Ranch in Loveland, Colorado

The Western Society of Weed Science Noxious Weed Short Course is an intensive three-day study of current technologies and best management practices associated with the noxious and invasive weeds in the Western United States. It is designed for professionals interested in current advances in noxious weed management.

The WSWS 2012 Noxious Weed Short Course will target local, state, federal government, and other land managers throughout the western region who desire a better understanding of weed management. The Short Course is designed to benefit those new to invasive plant management and experienced professionals seeking a comprehensive update in western invasive weeds and their management.

The short course is limited to 48 participants. Enrollment will be accepted on a first-come, first-serve basis. Participants who are not able to enroll in the current course will be placed on a waiting list and will be given first priority for enrollment in the 2013 Short Course.

The registration fee (\$650.00) provides each attendee the educational program, an electronic version of presentations, course manuals, laboratory sessions and related course materials, other supplies and daily refreshment breaks. Lodging and meals are separate.

For further information please visit

www.wsweedscience.org/Shortcourse/shortcourse.asp or contact Sandra McDonald at 970-266-9573 or Sandra@MountainWestPEST.com

for our meeting activities. . Besides an affordable room rate, the hotel also offers free parking, internet service and shuttle service from the airport. Registration for the meeting will open at the website on October 1.

If you need to contact the office, please give us a call at 575-527-1888 or e-mail at wsws@marathonag.com.

Publications

MORE TURFGRASS AND RELATED WEEDS: BEYOND THE COLOR ATLAS

A Guide to Weed Identification for Turfgrasses, Ornamentals, Plant Nurseries, Roadsides, Pastures, Specialty Areas

L.B. (Bert) McCarty and David W. Hall

A weed can be defined as any plant growing where it is not wanted. The first step to Successful weed management is proper identification, which is the primary focus of this book, a supplement to the highly successful *Color Atlas of Turfgrass Weeds* (2nd edition).

This guide, which includes 1,118 color photographs, covers species which may be locally common but are not as widespread as those in the *Color Atlas*. Both this text and the *Color Atlas* cover most major weeds in fine and rough turfgrasses, plant nurseries, ornamentals, landscapes, pastures, roadsides, gardens, crops, and waste areas. \$25.00

Order copies on-line at <http://www.clemson.edu/psapublishing>

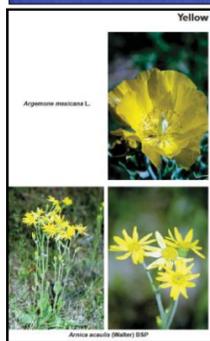
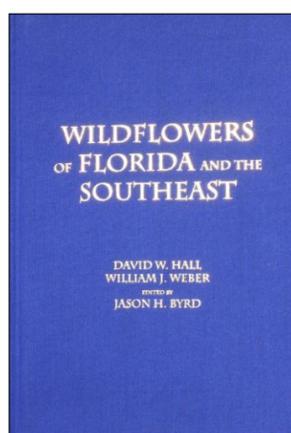
Or send check or money order (payable to Clemson University) to:

Clemson University Public Service Publishing

Room 96, Poole Agricultural Center

Clemson University

Clemson, SC 29634-0129



This regional wildflower book is 819 pages, and features full color photographs throughout. The plants are arranged by color, and each plant species featured contains at least one photograph of the plant and a concise description of the season of flower, geographic range, leaf shape and type. Scientific names are listed along with the most frequently used common names known to the authors. The text was written by Dr. David W. Hall, an internationally known botanist, and is the culmination of a life effort by Dr. William Weber, a well known wildlife photographer, to show his collection of wildflower photos. This book is an invaluable resource to gain knowledge of many species of plants found throughout the southeastern United States.

Ordering information:

Make checks payable to: D.W. Hall

Mail payment to: Wildflower Book

8135 Meadowlark

Court

Melrose, FL.

32666

Price: \$40.00

Shipping and Handling:

\$8.00 USPS Media Mail. Or, \$18.95

USPS Priority Mail.

Credit Card Payments can be made via www.amazon.com by searching for the ISBN/EAN number: 978-0-615-39502-9

