

RANGELAND NEWS



Society for Range Management

Volume 64 Number 5

May 2011

It's Range Science, not Rocket Science

Stephanie Larson-Praplan, PhD—SRM Director



This is a common mantra I use when teaching students in my range management course at the local junior college. I use it when describing certain practices that are commonly conducted in range management, for example when determining residual dry matter I use 100 grams instead of 96 grams, so that the math is easier ~ see range science not rocket science. It always makes the students smile, and hopefully makes them more comfortable with range science, as many students come from a variety of different disciples. Few have much knowledge of range manage-

ment and take it as one of their potential natural resource course options. Just recently I began a new mantra, this IS RANGE SCIENCE, not rocket science. I mean, our discipline has so much more importance in the world than rocket science. Rangeland dominates the earth surface and provides habitat for many, many species, captures, stores and safely releases water, and stores carbon to name a few of the ecosystem services provided. Therefore teaching students of all ages will not only be critical to the future of our discipline, but to the future of habitats all over the world.

The demand for undergraduate education in non-range schools appears high. An online grazing management and ecology course developed by Dr. Mel George and Cody Sheehy for continuing professional education has been used by undergraduates to fill the gap left by retired faculty. This course, organized in four modules, can be

(Continued on page 2)

Executive Vice President's Report Jess Peterson

Greetings SRM Members,

Dr. Dillard Gates, SRM Past President (1975) recently wrote me a letter, in which he referenced that he missed the "smell of sagebrush." Sitting here at the SRM office, in suburban Denver, I couldn't agree more. That is why I was so happy to work with the University of Wyoming and Colorado State University Range Clubs that took part in the "SRM Office Beautification Day", which included a variety of projects, one of which was bringing the "smell of sagebrush" to the office grounds here at SRM. Aleta Rudeen and I, along with Katelyn Schade (UW) and Robert Emanuel (CSU), worked with the delegation of students in removing dead bushes and debris,

(Continued on page 3)

Inside this issue:

ESA Awards	4
Capital Update	5
2012 AM—Call for Symposia, Workshops and Forums	6
Trail Boss Cookbook	7
Why to Stay in Touch with the Stars	8
Why to Stay in Touch with Co-Workers and Mentors	9
May Photo Quiz	9
April Photo Quiz—Answer	10
International Grazing Terms	10
Nebraska Youth Range Camp	11
1st Annual SRM Office Beautification Day	12
Navigating the SRM Business Website	14
SRM at IRC	15
Member Search	15
Action Update Call	15
A New Normal	16
Position Announcement	17
Member Login	20
America's Grassland Conf.	21
EBIPM Field School	22
NM Section Summer Tour	22
Cont. Ed Calendar	23
New Members	23

It's Range Science, not Rocket Science

(Continued from page 1)

taken separately or in sequential order. The modules are 1) Introduction to Ecology and Grazing, 2) Foraging Behavior and Livestock Distribution, 3) Forage Quality and Grazing Animal Nutrition, and 4) Ranching and Grazing Systems. Each module is introduced by a documentary quality high definition video followed by a series of narrated PowerPoint presentations.

The Society for Range Management (SRM) is also concerned about the future management of rangelands. They are especially concerned about the future of the workforce dedicated to managing these lands. Information from the Office of Personnel Management (OPM) revealed that at least 30% of the workforce currently classified as "Rangeland Management Specialists" (i.e. 454-series) within the US Forest Service (USFS), Bureau of Land Management (BLM), and Natural Resources Conservation Service (NRCS) will likely retire in the next 10 years. The demand for professionals who can manage rangelands is currently very high and nearly all students graduating with range ecology and management degrees find jobs. In addition, as reported in recent SRM newsletter, many mid-career professionals also appear to be switching to rangeland management as a second career choice. Though the demand for quality new recruits appears high, there also appears to be a decreasing supply

of job-ready seniors from university programs.

The Range Science Education Councils (RSEC) was established in the 1960s and includes a faculty representative from each College or University in the U.S. that offers a degree or option in Rangeland Ecology and Management (www.rangelands.org/RSEC/RSEC.htm). The goals of the RSEC are to promote high standards in the teaching of range management; advance the professional ability of range managers and scientists; provide a medium for

the exchange of ideas and facts among range management schools; provide a liaison between teaching departments and organizations and agencies in affairs relating to range education and employment standards and to foster wider understanding of the problems of range education.

In 2010, several western faculty, under the leadership of Karen Launchbaugh, were awarded a USDA Higher Education Challenge grant entitled "*Repositioning Rangeland Education for a Changing World.*" The overall purpose of this proposal is to provide innovative curricula, relevant courses, and appropriate delivery approaches so students with a variety of backgrounds and experiences can gain the knowledge and skills to manage rangelands and the important ecological services they provide.

This grant is intended to:

- Transform rangeland science and management curricula to meet the needs of current and future rangeland management professionals.
- Maintain, and even increase, the capacity of U.S. universities to produce graduates of rangeland science and management.
- Increase student recruitment into university rangeland programs.

The outputs are expected to:

- Establish Contemporary Learning Outcomes of Rangeland Education Programs.
- Increase Quality and Accessibility of Rangeland Educational Resources.
- Programs to Advance Teaching Skills of Rangeland Faculty.
- Increase Effective Student Recruiting Efforts.

Through this effort, and the efforts all of us in the Society, we can promote the rangeland profession and create effective programs that recruit students to university degrees leading to future careers in range ecology and management. It is my hope that these students and future professionals will continue the mantra; it is RANGE SCIENCE, not rocket science.

Staff/Liaison Emails:

Jess Peterson:

evp@rangelands.org

Linda Coates-Markle:

lcmarkle@rangelands.org

Vicky Trujillo:

vtrujillo@rangelands.org

Aleta Rudeen:

arudeen@rangelands.org

Ann Tanaka:

atanaka@rangelands.org

Denisha Marino:

dmarino@rangelands.org

Nick Dormer:

srm@allenpress.com

Kate Counter:

srmmeeting@allenpress.com

Executive Vice President's Report

(Continued from page 1)

trimming branches, and planting several native Colorado plants including sagebrush and cactus! I want to take a moment and give a huge "THANK YOU" to the UW and CSU students that put in a full day of sprucing up the SRM grounds. These students did a fantastic job! As always, Aleta provided a fine blog post which can be found here www.srmoutreach.blogspot.com. Speaking of which, if you are not checking out this blog on a regular basis, you are missing out! Photos from the project are also up on the SRM Facebook page: <http://www.facebook.com/media/set/fbx/?set=a.10150175540608570.320659.84739853569>. Also, if you haven't already done so, make sure that you "like" SRM on Facebook! Speaking of social media, create a profile on LinkedIn and join the SRM LinkedIn Group <http://www.linkedin.com/groups?mostPopular=&gid=3841425>.

With social media in mind, on the evening of Tuesday, April 12, I had the good fortune of joining Tate Smith and Tucker Hamilton in Laramie, Wyoming for their Range Club Radio program. We had a blast and I tip my hat to these two leaders for their excellent work in talking about current issues while also mixing in a great rangelands discussion. To listen to the program click here: rangeclubradio.blogspot.com

Don't forget, the SRM website now has the functionality for members to submit their work affiliation, education history, and committees. In an ongoing campaign to better serve our supporters, we encourage you to log online and update your demographics as needed. Demographics are critical as they help the SRM office in membership outreach, meeting planning, and identifying region-specific activities. This information also enables the SRM staff to design RangeFlashes that target relevant stakeholders. Please take time out of your busy day and update this information. It's an easy and simple few steps...

1. Visit <http://www.rangelands.org>
2. Click on "Member Login" at the top-right of the screen.
3. Enter your eight-digit SRM Member Number (User ID) and Password. Now select "Login". Note: Eight digits total; zeros will auto-populate for numbers under

eight.

4. On the left toolbar, click on "Member Profile".
5. Update the following categories as applicable.
 - Education History
 - Employment/Employer Types
 - Committees
6. Click "Member Logoff" to log out of your membership account.

If you have any technical difficulties, or if you have questions, please email srm@allenpress.com or call 800-627-0326 and request "SRM".

Don't forget the next SRM Action Update Call:

Thursday, May 12 at 11:00 am MDT Dial-in Number: 1-213-416-6650 and Access Code is: 012010 #

During our last SRM Action Update call we had several special updates including Rex Cleary and Rod Baumberger speaking about changes to the SRM certification program, co-chair Merrita Fraker Marble gave several updates regarding the Outreach and Communications Committee, Chairperson Rachel Frost provided an update from the Targeted Grazing Committee, J.D. Wulforst, one of the Spokane Annual Meeting's "Three Amigos", gave an overview of the nonstop work in preparation for the 2012 meeting, and Shelly Taylor, chair of the High School Youth Forum, also participated on the call. All and all it was a great call thanks to the wonderful SRM leaders and members that participated. I hope we can get a few more folks on the next call as there is great information being provided and are a perfect opportunity for you to get to know your leaders, staff, and fellow SRM members!

So please join us Thursday, May 12. We will continue operating this call with a format that welcomes reports, comments, and questions from SRM committee chairs regarding their committee activities. If you have an issue you would like to have discussed, please email me at evp@rangelands.org.

In closing, May is an exciting month for SRM, as President Jack Alexander, 1st Vice President Gary Frasier,

(Continued on page 5)

Excellence in Rangeland Ecology Research Awards

The Rangeland Ecology section of the Ecological Society of America will offer one or more awards each year to support the travel of outstanding graduate and advanced undergraduate students to the ESA annual meeting. We particularly encourage applications from SEEDS chapter members. Awards are \$350.00 and the number of awards given per year depends upon available resources. The award is open to currently-enrolled students within or outside the U.S.

The student must be the presenting author on an oral paper or poster that has been accepted for presentation at the annual meeting. The paper/poster should address an aspect of the relationships between organisms, biogeochemical cycles, and people to past, present, and future rangeland ecosystems. Rangeland is broad category of land use including areas classified as grasslands, savannas, wetlands, shrublands, and woodlands. Rangelands 1) are managed as natural ecosystems to balance provision of diverse ecosystem services, 2) are often used historically and/or currently for livestock production, and 3) are tightly coupled human-natural ecosystems, often involving diverse interests in land conditions. The subjects of rangeland ecological studies are broad and include, for example, carbon sequestration, wildlife populations, invasive species, or attitudes of landowners.

Applications are due by May 31, 2011 (via email) and should include:

A sheet containing the applicant's name, professional address, email and phone number, paper/poster title joined to a copy of the accepted abstract, including the paper/poster number and date/session/time of presentation.

A recommendation letter from the student's advisor. A second letter from another member of the student's committee, a work supervisor, or mentor can be included if desired.

A cover letter (no longer than 1 page) written by the student that describes the significance of the presented work for rangeland ecology and the student's interest in attending the ESA meeting.

Applications should be sent to Section Chair, Brandon Bestelmeyer (Brandon.Bestelmeyer@ars.usda.gov), with the subject line "Travel Award".

Applications will be evaluated by a volunteer group of section members and notification will be given by 1 July 2011. Awardees are expected to attend the Rangeland Ecology Section business meeting at the Annual Meeting.

Board of Directors Monthly Meeting Notice

During 2011-2012, the BOD will be meeting the fourth Monday of every month at 8:00am MDT.

The next meeting will be May 23, 2011 at 8:00am MDT.

Call In Number: 1-786-358-5412 and Access Code: 355-945-526

2011-2012 Board of Directors

President:	Jack Alexander, MT	jack@countgrass.com	(406) 388-9378
1st Vice President:	Gary Frasier, CO	gfrasier@aol.com	(970) 290-3527
2nd Vice President:	Wally Butler, ID	wbutler@idahofb.org	(208) 484-9802
Directors:	Charles Hart, TX	cr-hart@tamu.edu	(254) 968-4144
	Sandy Wyman, OR	Sandra_wyman@blm.gov	(541) 416-6886
	Keith Klements, WY	kklement@sheridan.edu	(307) 674-6446 x3515
	Stephanie Larson-Praplan, CA	slarson@ucdavis.edu	(707) 565-2621
	Val Jo Anderson, UT	val_anderson@byu.edu	(801) 422-3527
	Misty Hays, WY	mahays@fs.fed.us	(307) 358-7102

The BOD meeting agenda and past minutes are available online in the Members Area under "Member Resources".



Capital Update

From Kelly Fogarty

Members of the SRM Executive Board, including President Jack Alexander, Wally Butler, Gary Frasier, and Kimberly Haile, and Director of Outreach and Leadership Development Aleta Rudeen, are currently gearing up for their fly-in to Washington, D.C. which will begin May 2nd and conclude on May 5th. Already, meetings are being scheduled and the agenda is filling up with a variety of agency and department meetings as well as some time set-aside to spend with several of SRM's "Sister Societies". During the fly-in, SRM participants will discuss training opportunities offered through the Society, work being done in regards to Ecological Site Descriptions (ESD) workshops, priorities for the Society in 2011, Native Range issues, and various outreach programs currently being conducted by SRM. This promises to be a great couple of days so be sure to check back in next month's newsletter for a special Capital Update piece that will recap the fly-in.

Congress is in its Easter Recess for a two week span that will run from April 18th to April 29th. This will be a much needed reprieve for everyone in Washington, D.C. as well as those across the country who have been closely following the budget talks. The past couple of weeks have focused solely on passing a spending budget for the current fiscal year, however in the midst of this lengthy process one was able to catch a glimpse of what the spending climate in D.C. will likely resemble in the coming months. I have mentioned it numerous times before, but with the discussions regarding the 2012

Farm Bill approaching, budget restrictions will remain the guiding force of these talks and will likely result in drastic cuts to several titles within the current bill and the removal of some programs altogether. Conservation titles will be up against stiff competition with nutrition-based programs, and all groups who have a stake in agriculture, rangelands, and conservation will be vying to ensure their priority issues are funded.

The recent Fiscal Year 2012 budget proposal that was introduced in the House by Representative Paul Ryan would essentially cut a total of \$117 billion from agriculture programs over the next ten years. While this specific proposal will not make it to the Senate, it provides a look as to what sectors and programs will continuously be targeted as the discussions regarding budgets and funding continue.

As always, feel free to contact me at kelly@westernskiesstrategies.com with any questions, concerns, or suggestions regarding activities and current range-related policies in Washington, D.C.

Kelly Fogarty
[Society for Range Management](http://www.societyforrangemanagement.org)
[Western Skies Strategies](http://www.westernskiesstrategies.com)
 2414 I St. NW
 Washington, D.C. 20037
 (P) 202-870-3342
 (f) 202-330-5184
kelly@westernskiesstrategies.com

Executive Vice President's Report

(Continued from page 3)

2nd Vice President Gary Frasier, Washington D.C. Liaison Kelly Fogarty, Director of Outreach and Leadership Development Aleta Rudeen, Promotions Committee Chair and Youth Professionals Conclave representative Kimberly Haile, and I will be in Washington, D.C. for meetings with agencies, sister societies, industry groups, and various stakeholder groups. May 3 and 4 will find SRM leaders on the go for nonstop meetings and events. I am honored to be accompanying this fine bunch of leaders

and we look forward to sharing the details about the outcome of the meetings.

Thanks for all that you do to make SRM great. Your membership, support, and involvement is appreciated!

Jess Peterson
 Executive Vice President
 Society for Range Management



2012 Annual Meeting: Call for Symposia, Workshops, and Forums

This is the first call for submission of proposals for Specialized Concurrent Session, Symposia, Forum, and Workshops for the 65th Annual Meeting of SRM. Following are criteria for these events:

Specialized Concurrent Session - A set of presentations following the regular concurrent session format that covers a specific, narrow topic. This format would not allow for the audience to participate unless time is available after a presentation or is available as a part of the program.

Symposium - A set of presentations that covers a distinct topic with discussion periods included for audience participation. A published proceedings or summary of presentations must be provided (preferably at the symposium) to convey the information beyond the event. Symposia may include one or more organizations or agencies that will partner in developing, promoting, and conducting the event.

Forum - A set of presentations that covers a distinct topic with discussion periods included for the audience to participate. A written record of the event is not required, however, information may be distributed via handouts or CD, or made available electronically.

Workshop - A meeting featuring presentations designed to update or educate a specific group to: 1) increase their understanding of a specific topic, 2) for training, or 3) for becoming certified or receiving credit on a topic. Participants would be expected to stay in the workshop and not participate in other events. Workshops may be sponsored by any organization or agency that partners with SRM without SRM being involved.

- Proposals for Specialized Concurrent Session, Symposia, Forum, and Workshops are due by **May 7, 2011**.
- Information and instructions for submitting symposia and workshops can be found on the meeting website, <http://www.rangelands.org/spokane2012/amsymposia>.
- Please direct your questions to :
Dana Peterson (d2peters@blm.gov)
Joe Wagner (jawagner@blm.gov)
Neil Rimbey (nrimbey@uidaho.edu)



Calling All Cooks.... Submit Your **CASSEROLE RECIPES** Now!!

Do you have a family or ranch recipe that has been around for generations? Does it have a great story or background to go with it? Or maybe you have a great range story, ranch story or an awesome range photo that you would like to share. We are looking for you. The Outreach and Communication Committee is collecting recipes, stories and photos for the next edition of the *Trail Boss Cowboy Cookbook*.

Submit Recipes, Range Stories and Range Photos to:
srmcookbook@yahoo.com

Please Include Your Name, Ranch Name, SRM Section and City, State with each submission. In the subject line of your email please write **SRM Cookbook**.

All recipes must be original recipes (never published). If it is a published recipe it must be changed by 10%, such as changing an ingredient or amount, adding an ingredient, changing cooking temperature or time.

Featured Recipe Of The Month:

From: *Trail Boss Cowboy Cookbook*, 1985

Mrs. Earl Pelton

Bone Springs Ranch

Halliday, North Dakota



Beef & Potato Roll

1 ½ lbs. lean ground beef

1 c. soft bread crumbs

1 ½ tsp. instant minced onion

½ c. dry white wine

1 ½ tsp. salt

1 egg, beaten

¼ tsp. Italian herb seasoning

¼ tsp. pepper

1 pkg (12 oz.) frozen hashed brown potatoes, thawed

1/3 c. grated parmesan cheese

¼ c. chopped parsley

1 tsp. onion powder

tomato sauce (see directions below)

Preheat oven to 375°. Mix crumbs, onion, wine, salt, egg, herb seasoning and pepper, let stand a few minutes to moisten bread crumbs. Add meat, and mix with a fork until well-blended. Shape into a flat 10" square on a sheet of waxed paper. Mix potatoes with cheese, parsley, and onion powder. Arrange in an even layer over meat, leaving 1" uncovered on two opposite sides. Roll up starting with one side where meat is not covered with potatoes, using paper to lift meat. Place seam side down in shallow, lightly greased roasting pan. Bake in moderately hot oven about 35 minutes. Spoon tomato sauce over meat, and bake 5 to 10 minutes longer. Remove to serving platter, slice and serve. This is an easy one dish meal, and my family enjoys it.

Background: My husband Earl and I moved to our present home about 26 years ago. The Ranch name is used because of the spring that is in our pasture. In homestead days all of the springs in the area had names. This spring still waters our cattle herd, as it did when Earl's grandfather homesteaded here. The Campstool brand has also been in the family for four generations and is used only by our families as we have every location available.

Why to Stay in Touch with the Stars Once They Move On

by Dan Simmons, *The Animal Science Monitor*—Issue 121

submitted by Linda Coates-Markle, BLM Liaison to SRM

Long ago and not so far away, when I was a child and children still read books, my favorite books were from the “How and Why” series. These books not only asked great questions about interesting topics, but they also explained why things operated, grew, and reacted the way they did. I was always learning and constantly entertained. Today, I will follow the same format on our topic.

WHY Should I Stay in Touch With Top Performers I Have Worked With?

1. Networking

- Winners continue to win and normally network well, so they'll help you connect with the top players in your field.

2. Information

- Top performers are most likely to be informed about the latest technologies available in their industries and hear about great career opportunities. They can help you stay informed.

3. Referrals/Recommendations

- They will provide great referrals for jobs that open up on your team, as they understand what you're looking for and why someone would want the job. They can also provide you with a recommendation should you need one from someone you managed; it's best to use top performers for this.

4. Advancement

- Top performers continue to shine and grow. Someday, one might be at the top of an organization and be looking for someone like you to fill a great VP opportunity.

5. Re-Hires

- You may get the chance to re-hire them. Mergers happen all the time and they may not like their new employer, or you might have an opening that's in their area of interest and be able to recruit them back to the team.

HOW Do I Stay in Touch With Top Performers I Have Worked With?

With technology the way it is today, this has become a lot easier. People keep more of their professional lives online so they're always available to be contacted, especially about new job opportunities or for references. Keeping your contacts up to date is something that *must* be managed closely and should be consistently organized.

Some specific networking sites and avenues through which you can connect with top performers include the following:

- LinkedIn and Facebook
- Trade association directories
- Industry conferences
- Alumni associations
- Networking with mutual associates

The reasons are many, and the methods are simple. Whether your goals are to stay where you are and build the best team possible with the latest technologies or whether you desire to climb the corporate ladder elsewhere, staying in touch with top performers who have left your team can only help you.

Have questions about how to stay connected? Contact Dan Simmons today at **(888) 276-6789**.

Why to Stay in Touch with Previous Co-Workers and Mentors

by Don Hunter, *The Animal Science Monitor*—Issue 121

submitted by Linda Coates-Markle, BLM Liaison to SRM

We all know about the value of networking and building a list of professional contacts. Too often, though, we think of the term “networking” only as a way of meeting new people and potential prospects. Building a list like this helps us to navigate new relationships, build upon existing ones, and create a comprehensive professional portfolio. It’s just as important to keep in touch with former co-workers, bosses, and mentors, as well.

Keeping in touch with former co-workers and bosses can accomplish the following:

1. Provide Referrals

- Your former colleagues and bosses move on to other jobs. They can refer you to their recruiter who helped them obtain the new position. This recruiter can then help **you** gain access to the hidden job market.

2. Help You Fill a Position

- If you get promoted, you have the opportunity to fill your position. You may have a former co-worker who is looking for a new job and could be a perfect fit. You’re providing a valuable service to your company and

gaining a positive reputation recruiting new value, as well.

3. Give You Credibility

- Being associated with the best and brightest in your industry will give you unlimited credibility. Recruiters, competitors, and companies will have their names, along with yours, on their short list.

4. Provide a Mentor

- The value of having a mentor is well documented. Develop a long-term commitment and an investment in time. Let your mentor know how things are going from time to time. This could be a quick phone call or email every month. If you need their help, they can have input immediately and won’t have to take valuable time to get caught up.

The key to networking is to ensure a two-way, mutually beneficial line of communication. By maintaining a relationship with your network, you’ll have a valuable resource to enhance and move your career forward in a much broader way than just reserving your network to only those “new” relationships.

May Rangeland Photo Quiz



There’s been a lot of news in recent years about global warming and climate change, and quite a bit of fuss over what is, or is not, behind it. There have been numerous dramatic illustrations, like receding glaciers, killer hurricanes, and expanding deserts. Well one of our SRM shutterbugs thought that rangelands shouldn’t be left out. Our quiz question for this month is where in the West was this taken, and on what holiday weekend did this occur, and is it an example of “things to come?” (Hint: location is south of I-40 and west of the 100th meridian)

Please send your observations (and your own quiz-worthy range photos) to vtrujillo@rangelands.org, subject line “Range Photo Quiz.”

April Rangeland Photo Quiz—Answer

Question: Though we may much concern ourselves day-to-day with the practical arts and empirical sciences of range management, we may sometimes be captivated (and moved to capture) such images of rangeland “beauty” as seen here; a delicate, swirled platform suspended an inch (2.54 cm) or so above this “dry wash” near Cottonwood, Arizona. Surely there is someone among us who can provide the “scientific explanation,” or at least a back-pocket hypothesis, for such phenomenon...



Answer: We had several “educated guesses” as to the nature of the “natural art” featured in our April Photo Quiz. South Dakotan Thad Berrett writes, “My guess is that it is a thin layer of ice that formed while some water was present. I would guess that the water underneath then continued to flow or sink into the ground while the air temperature remained cool enough to maintain the thin layer of ice. The swirling of colors appears to be from the air bubbles, which would leave the ice in differing colors.”

Julie Elliot of Colorado remembered seeing “ice bridges many time in street gutters and in the creek bed at my parent’s house. I don’t know why they form, but they are almost always quite pretty and intriguing, since there isn’t anything below them but air. I would speculate that the water starts to freeze on top, expanding and leaving a gap between the new ice and the ground.

The ground is warm enough to keep the water close to it from freezing, so it soaks in or drains.”

Texan Albert Lowry noted, “This is merely ice that formed and air that got under the thin sheet and froze before the water receded. Very nice photo. We don’t see this often where I’m from, Laredo, Texas, it was 105 degrees today!”

But our most authoritative opinion came, not unsurprisingly, from Alberta. “The picture represents what I called “shale ice” when I was younger. It is caused by a freezing event of shallow flowing water, where once the surface is frozen, the water level underneath drops slightly. The white lines are air under the ice, and the darker lines are typically areas of slightly thicker ice. Air under the ice is beautiful, but can also be quite dangerous. Ice floats, and if it is suspended on water it is quite strong. There are lots of examples in northern areas where ice is used as winter roads and as long as the ice is thick enough and is supported by water it will carry equipment traffic. However, if the water level drops even slightly, an air layer will develop between the ice and it becomes a trap for the next piece of equipment that crosses, sort of like a pane of glass with no support in the middle.” “So,” concludes Barry Irving, “beware of the beauty when it comes to shale ice.” We suppose this is as applicable to Arizona as it is up north?

NOW AVAILABLE:

An International Terminology for Grazing Lands and Grazing Animals

Submitted by James T. O’Rourke

Published in *Grass and Forage Science*, March, 2011

Use the following link for free access to Terminology at Wiley Online Library.

Translations from the original English version are available as ‘Supporting Information’

<http://onlinelibrary.wiley.com/doi/10.1111/j.1365-2494.2010.00780.x/pdf>

Nebraska Youth Range Camp

Submitted By: Shelly Taylor, Director

The Nebraska Section of the Society for Range Management (SRM) is proud to announce the 48th annual Nebraska Youth Range Camp. It will be held June 13 – 17, 2011. The camp is open to student between the ages of 14 – 18 and it will be held at the Nebraska State 4-H Camp in Halsey.

The Nebraska Youth Range Camp consists of a four-and-a-half day dynamic curriculum that appeals to students with a wide array of interests including, but not limited to, rangeland management, conservation, ecology, animal science, and wildlife. With nearly 50 years to perfect and evolve this curriculum, every student, no matter what prior experience they have, will learn substantial information that will help them become more aware of Nebraska's most prevalent land use. Rangelands cover nearly 50% of Nebraska and approximately 60% of the United States. These numbers convey the dominance of this land use, but recently there have been several political issues regarding the management

of these rangelands which further emphasizes the reason it is imperative for us to educate the youth so we may enable them to become proficient and effective leaders in resource management, as well as educated voters.

The students that attend this camp will be actively involved with lectures, field activities, hand-on experience, and recreational leadership and team-building activities that are all led by up to 20 of Nebraska's most respected and dedicated leaders, teachers, and professionals from various agencies, colleges, and universities. Each student will be sent home with a binder that is filled with educational materials.

Interested individuals can find more information, the Range Camp application, and the brochure by visiting the Nebraska Society for Range Management website at www.nesrm.org and then clicking on the Nebraska

Youth Range Camp link towards the bottom of the page.



Awards are given to the top crew, top returning camper, top first-year camper, and runner-up. The top 10 campers are also recognized. Awards include plaques, belt buckles, and plant identification books. The top 10 campers are eligible to compete for a trip to the International SRM meetings held each year in January or February.

First Annual SRM Office Beautification Day

SRM Blog, Monday April 25, 2011

Submitted by Aleta Rudeen, Director of Outreach and Development

No College Students Were Harmed in the Making of this Post...though you're not alone if this image makes you nervous:

Saturday, April 16, marked the first annual SRM Office Beautification Day. Landscaping at the SRM headquarters office in Wheat Ridge, Colorado has fallen into disrepair in recent years. The paint on the SRM sign was peeling, bushes around the buildings were dead and dying, stepping stones were sunken and crooked, and the "garden" beds were in desperate need of a good mulching.

So, on a beautiful, 70 degree Saturday last week, the Colorado State University and University of Wyoming Range Clubs convened at the SRM office to prune, plant, paint, mulch, and beautify. In exchange, SRM sponsored a donation to each club, a pizza lunch, and apple turnovers from Executive Vice President Jess Peterson's favorite nearby shop. Not only did students contribute to the overall beauty of the SRM office, but also had the opportunity to network between clubs and chat over the phone with SRM President, Jack Alexander.

All shrubs, grasses and forbs that went in to the new landscaping were native to Colorado. SRM would like to extend a huge 'thank you' to Kristin Oles and the CSU Range Club for donating many of the plants.

EVP Jess Peterson never thought he would need to purchase sagebrush

The new garden beds now include the following:

- big sagebrush (*Artemisia tridentata*)
- bluebunch wheatgrass (*Pseudoroegneria spicata*)
- columbine (*Aquilegia L.*)
- mountain pepperweed (*Lepidium montanum*)
- strawberry/scarlet hedgehog cactus (*Echinocereus coccineus*)
- golden tickseed (*Coreopsis tinctoria*)
- lupine (*Lupinus argenteus*)
- blackeyed susan (*Rudbeckia hirta*)
- primrose (*Oenothera pallida*)
- aspen fleabane (*Erigeron speciosus*)
- purple prairie clover (*Dalea purpurea*)
- mule-ears (*Wyethia amplexicaulis*)



First Annual SRM Office Beautification Day

(Continued from page 12)

- prairie junegrass (*Koeleria macrantha*)
- broom snakeweed (*Gutierrezia sarothrae*)
- tanseyleaf tansyaster (*Machaeranthera tanacetifolia*)
- shrubby cinquefoil (*Potentilla fruticosa*)
- and some *Bromus tectorum* (just joking!!)

As a result of the Beautification Day, the SRM office has new mulch and edging, all plants are not only alive, but also native to Colorado, and the SRM sign has new paint and looks fantastic. The day was a huge success, everyone had a good time, and we already have ideas for the next round of projects.

On behalf of the Society for Range Management we would like to thank the CSU and UW range clubs and all 15 students that spent their Saturday helping out at their professional society: Maggie Haseman, Kristin Oles, Baili Foster, Bailey Terry, Kelly Wotkyns, John Wagner, Mandy O'Donnell, Colleen Buck, Sydney Burek, Sarah Griffith, Emily Wotkyns, Haley Lockwood, and Ryder Simeniuk. And a special thank you to club members Robert Emanuel (CSU) and Katie Schade (UW) for helping to coordinate this event!



Navigating the SRM Business Website

Thanks to the feedback from the SRM Membership and headquarters, our management website is fully functional, allowing you to maintain your SRM membership, subscriptions and demographics. In the event that there are still outstanding questions, please refer to this basic how-to. If you would like additional assistance or have a question for the SRM Business Office, then please e-mail srm@allenpress.com or call (800) 627-0326 and ask for "SRM".

Renew Your Membership and Journal Subscriptions

1. Visit <http://www.rangelands.org>.
2. At the top-right of your browser screen, click on "RENEW".



3. Enter your eight-digit User ID & Password.
 - If you have forgotten your User ID / Password, then you can have it reset with a validated e-mail address.
 - Your Password can also be changed on the website under "Member Profile".
4. Once you are logged in, the screen will show your next available renewal.
 - If you are not due for renewal, but would like to pay anyway, then please e-mail srm@allenpress.com and we'll set you up with a pending renewal.
5. Verify that your membership renewal is correct, select the "Add" checkbox, and then select "Add to Cart".
6. Now you're in the shopping cart. On the website, click on the below text to add a journal to your shopping cart.

7. Please review the subscription options for *Rangelands* and *Rangeland Ecology and Management*, then click on "Details" to order. Select which subscription you want—print & online, online only—and click "Add to Cart" to add the journals to your shopping cart.

- You must add one subscription at a time.
- Life Members, International Members and Emeritus Members receive publications with their memberships. Please check the SRM

Please consider a special, tax deductible [donation](#).
Thank You!

dues structure to see if you qualify.

8. Now you're in the shopping cart. On the website, click on the below text to add a donation to your shopping cart.
9. After a donation is added, verify that your shopping cart is correct and select, "Checkout" to continue with your payment.
10. The SRM Business Office accepts Visa, MasterCard and Discover.

*SRM sends paper and electronic renewal notices.
Please check your inboxes for more information.*

Society for Range Management Business Office
Allen Press, Incorporated
810 East 10th St
Lawrence, KS 66044
(800) 627-0326 | 785-843-1234 | Fax: 785-843-1274
srm@allenpress.com

>> **Don't forget to order
your journal** (click here)<<

SRM at the International Rangelands Congress

The International Affairs (IAC) Committee made arrangements for SRM to have a booth at the International Rangelands Congress (IRC) in Rosario, Argentina. Attendance was down this year due to many countries experiencing budget concerns. There were numerous SRM members from several countries in attendance at the Congress. The next IRC is scheduled to be held in New Delhi, India in 2015. Mark your calendars, this is your chance to see the Taj Mahal.

Pictured: Tip Hudson, PNW President; Andres Cibilis, IAC member; Jim O'Rourke, IAC member; Joe Wagner, IAC Chair.



How to Search for Member Information Online – A Three Step Primer

Looking for email addresses, phone numbers, or names of SRM members? SRM can help you get connected! Follow these three easy steps to find member contact information online:

1. From the www.rangelands.org homepage, select "Member Login" and sign in to your account
2. After logging in, select "Member Directory". This will take you to the Searchable Membership Directory
3. Insert as much or as little information as desired to search for members
 - Inserting less information will yield larger results and is a good option when unsure of some fields (e.g. the spelling of an individual's name, a nickname, location, etc.)
 - Inserting more information will help narrow results and take less time to find what you are looking for. This is a good option when all information is known

The Searchable Membership Directory is only available to SRM members. You may change your searchable member information at any time by contacting Allen Press at srm@allenpress.com, 1-800-627-0326. Forgot your SRM Member ID or password? No problem – follow the link for assistance on the Member Login page and help will be on its way. Get online and get connected!

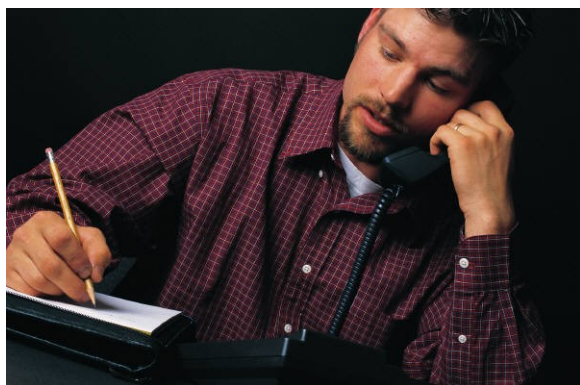
SRM Action Update Call

When: May 12, 2011

Time: 11:00 am MDRT

Dial: 213-416-6650

When Prompted Enter: 012010 followed by the # sign



“A New Normal?”

Excerpt from NM Section Spring Newsletter submitted by Jim Thorpe

Spring is calving time on the ranch – a time of renewal and new beginnings. Attentive mamas lick their newborns as they stagger up on shaky legs, instinctively searching for that sustaining first taste of thick colostrum. Rangeland too shows signs of new life as it breaks dormancy in fits and starts with bits of emergent forb speckling bare ground, or tentatively revealed when peeling back the basal leaves of yellowed bunch grass. Such seasonal rangeland transitions are of course “normal,” even as such normalcy is itself ever subject to variation. On rangeland variation is the norm. “Normal” is usually the exception; outliers of boom and bust often the rule.

This time last year saw most (though not all) of New Mexico rangeland off to a great start with a “near perfect Spring,” prelude to one of the best forage years in recent memory (fortuitously coupled with high cattle markets). This year it may well be the other extreme with the advent of a “Perfect Drought” ushered in by *El Nino*’s little sister. Notes the *Climas Drought Tracker*, “Over the next several months, forecasts call for persisting, expanding, and intensifying drought conditions in all of New Mexico and all but the northwest corner of Arizona.” Feast and famine (and this year, wildfire). In wet years everyone is a great manager; hard dry spells humble even the best.

This “Perfect Drought” however is not restricted (as it “normally” would be) to the critters, plants and soils that make up our rangelands, but reaches the community of rangeland researchers, educators and managers that populate our SRM membership. The fiscal currents normally sustaining our rangeland institutions and professions have themselves been subject to a devastating *La Nina* of their own. Like our dust-driving spring winds,

the pervasive deficit crises are desiccating budgets across the spectrum. Programs are frozen, allocations rolled back, key positions left vacant. Everyone is having to do even more with even less in a changed but always challenging environment.

Is this merely a temporary disturbance for our rangeland community, or is it a sign of some precipitous threshold transitioning to a less desirable state? Will there be erosion of our learning institutions and loss of applied knowledge on the land? Will there be further declines in the ranks of rangeland managers, educators, *and* stewards, all at a time when the aggregate demand for the sustainable production of food and fiber (and all those “ecological services”) from rangelands continues to increase?

If history is any guide, rangelands are (though not always) remarkably resilient when challenged by disturbance. So also (though not always) are rangeland communities. Consider the devastation of - and recovery from - the Dust Bowl, not quite a hundred years ago, a catastrophic experience spawning the art and science of range management that we profess today. Consider the vigor and rigor with which this art and science has been pursued, the adaptive tools and technologies that continue to be developed, the dedication and professionalism of practitioners at every level. Consider the cumulative rangeland knowledge and experience that is leveraged in the interactive network that is SRM.

Is the current fiscal and climate challenge a “New Normal,” or are we on the downward stroke of what should be a familiar cycle of boom and bust? Resilient rangelands are those that both endure and recover from disturbance. Resilient rangeland communities are those that facilitate and further this process.

The Wildlife Society 18th Annual Conference

Waikoloa, Hawaii (The Big Island) - November 5 -10, 2011

- Call for student research-in-progress posters - Deadline: MAY 25
- Call for Working Group Meeting or Associate Reception
- Hotel and travel
- Hawaii Conference site

<http://www.wildlife.org>



Position Announcements

**Assistant/Associate Professor
Department of Agriculture
Eastern Kentucky University
Richmond, Kentucky**

The Department of Agriculture at Eastern Kentucky University is seeking a talented and flexible faculty member who can teach a wide array of courses generally connected to grassland-based agriculture. This is a tenure-track position with a 9-month appointment; 80% teaching; 20% Service/Scholarship beginning August 2011. The position will require a broad-based educational and experiential background. The successful candidate is expected to teach and develop courses in the areas of Forages, Sustainable Agroecosystems and Biomass production. It is also expected that the candidate will have a sufficient Animal Science background to teach introductory courses in Animal Sciences. The individual is expected to demonstrate effective communication and interpersonal skills with undergraduate students and with the agricultural community, and serve on Department, College, and/or University committees. An earned Ph.D. from a regionally accredited or internationally recognized institution is required for appointment at the rank of assistant/associate professor level, however candidates who are "ABD" in an appropriate doctoral program will be considered at the rank of instructor. Successful applicant will also have demonstrated effectiveness in written and oral communication. This position will remain open until filled. All interested applicants must apply via EKU's online employment system at jobs.eku.edu (search requisition # 0609190). Apply Here: <http://www.click2apply.net/h2tfact>.

Offers of employment are contingent upon satisfactory criminal background check and educational credential verification. Eastern Kentucky University is an EEO/AA institution that values diversity in its faculty, staff, and student body. In keeping with this commitment, the University welcomes applications from diverse candidates and candidates who support diversity.

**M.S. Graduate Research Assistantship
Range Science
Department of Animal and Range Sciences
South Dakota State University
Brookings, South Dakota**

We have a position available for an MS student to study the effects of ultra-high stocking density grazing on harvest efficiency and forage production in the northern tallgrass prairie. This project will involve a multidisciplinary team approach (animal science, plant science, range science, and weed science) to evaluate the benefits of this grazing practice. Students will have opportunity to learn field and laboratory techniques.

South Dakota State University is located in Brookings, SD approximately 1 hour north of Sioux Falls on I-29 and has an undergraduate enrollment of 12,000 students. Stipends of \$14,000 with 2/3 tuition reduction for M.S. students are available beginning May 2011. For more information on our program and South Dakota State University visit our website at <http://ars.sdstate.edu>. Candidates are encouraged to submit a letter of interest or email to:

Dr. Alexander "Sandy" Smart, Ph.D.
Department of Animal and Range Sciences
South Dakota State University
Phone: (605) 688-4017
Email: Alexander.smart@sdstate.edu.

(Continued on page 18)

Position Announcements

(Continued from page 17)

**Pasture and Range Consultant
Agricultural Division
Samuel Roberts Noble Foundation, Inc.
Ardmore, Oklahoma
Position ID: AG-G033-102**

The Agricultural Division of the Samuel Roberts Noble Foundation, Inc., Ardmore, Oklahoma, is seeking a Pasture and Range Consultant to complement a consultation program consisting of a pool of agricultural consultants representing several agricultural disciplines. This group provides without fee technical assistance to farmers, ranchers and other natural resource managers through consultation, education and outreach in the surrounding 47 counties within a 100-mile radius of Ardmore.

Primary responsibilities of a pasture and range consultant are to provide consultation to farmers, ranchers and other natural resource managers in the areas of grazing management, forage production, carrying capacity and stocking rate assessments, pasture establishment and restoration and proper land stewardship. Secondary responsibilities include consultation on weed and brush management, prescribed burning, and fencing and grazing plans.

A minimum of a Masters degree in range science, agronomy or a related forage science degree is required. Emphasis in range management, forage production and grazing management is preferred. Successful candidates should have experience/expertise in research, extension, consulting, and or production with college level course work in range science and forage agronomy.

Minimum of 5 years previous experience in the above fields is required, 10 is preferred. A demonstrated knowledge of agriculture with an agricultural background, previous experience in applied range, pasture or forage science and a demonstrated ability to communicate with the general public, farmers, ranchers and professionals is preferred. Applicants must possess the ability to use Microsoft Office software.

Application Instructions: Applicants are requested to apply online by completing the application and submitting a resume, copy (s) of college transcripts, contact information for three references (excluding relatives), and a cover letter explaining interest in the position and career goals. If applicant does not have the ability to upload the additional documents, they can be faxed to (580) 224-6240 (please include position number), but the application should be completed and submitted online. Applications will be accepted until a candidate is hired. Interested applicants should apply immediately.

The Samuel Roberts Noble Foundation, Inc.
Human Resources Department
Position Number: AG-G033-102
P.O. Box 2180
Ardmore, OK 73402
Website: <http://www.noble.org/>

The Samuel Roberts Noble Foundation, Inc., is an Equal Opportunity Employer and will consider all qualified applicants for employment, regardless of their race, color, creed, gender, national origin, age, disability, or veteran status.

(Continued on page 19)

Position Announcements

(Continued from page 18)

Field Scientist - Crop Protection R&D
Dow AgroSciences LLC
Indianapolis, Indiana

Dow AgroSciences LLC, based in Indianapolis, Indiana, USA, is a top-tier agricultural company that combines the power of science and technology with the "Human Element" to constantly improve what is essential to human progress. Dow AgroSciences provides innovative technologies for crop protection, pest and vegetation management, seeds, traits, and agricultural biotechnology to serve the world's growing population. Global sales for Dow AgroSciences, a wholly owned subsidiary of The Dow Chemical Company, are \$4.9 billion.

Dow AgroSciences is seeking a Field Scientist to be a part of our Crop Protection R&D group.

Purpose of the Field Scientist job:

- Plan and implement field research and development programs to validate the field performance of new product concepts
- Recognize future marketplace needs and influence the development of new product concepts
- Provide technical support to maximize sales of new and existing products.
- Develops and maintains effective relationships with academic and private research collaborators, key customers, and other centers of influence; provides commercial support; and characterizes new products through self-initiated field trials as well as contracted research.
- Works as an integral member of the assigned US sales districts and supports the global Range and Pasture and IVM Management team.

Primary Responsibilities:

- Plan and implement field research programs to validate the performance of new products in development.
- Establish research relationships with university and consultant cooperators.
- Identify new business opportunities for Dow AgroSciences, keep abreast of market trends, and influence development of new products.
- Develop and maintain key contacts within the technical community (university, extension, federal and state agencies, natural resource non-governmental organizations, and industry/commodity associations).
- Provide direct technical support to the Dow AgroSciences commercial team.
- Promote proper use of Dow AgroSciences products through development and delivery of product stewardship programs.

HOW TO APPLY: Candidates must apply online at www.dowagro.com/careers (job number 1006962) to be considered.

Dow AgroSciences is an equal opportunity employer offering excellent career opportunities, as well as competitive compensation and benefits package. We seek motivated individuals to join a growing team in Dow AgroSciences.

(Continued on page 20)

Position Announcements

(Continued from page 19)

Research Rangeland Management Specialist/Research Ecologist USDA, ARS, U.S. Sheep Experiment Station Dubois, Idaho

The U.S. Department of Agriculture (USDA), Agricultural Research Service (ARS), U.S. Sheep Experiment Station located near Dubois, Idaho, is seeking a permanent, full time Research Rangeland Management Specialist/Research Ecologist to conduct research as part of a team to

1. develop science-based grazing strategies and systems that are ecologically and economically viable, and thereby enhance food security;
2. conduct research to define the impact of sheep grazing and prescribed fire on ecosystem structure and processes and the impact of manipulating vegetation on the productivity of sheep; and
3. assess and improve grazing and land-management practices and strategies to promote timely adaptation to climate change to ensure healthy rangeland ecosystems suitable for livestock production and the conservation of ecosystem services including wildlife habitat, biodiversity, and clean air and water.

The candidate must have the demonstrated ability to design, conduct, and report independent research. A Ph.D., or equivalent degree, and postdoctoral experience is highly desirable in range science, ecology, animal science, or a related discipline. U.S. citizenship is required. Salary will be commensurate with experience (GS-12, 13, or 14; \$68,809 to \$125,695 per annum).

For information concerning the application process, please contact Jennifer Barnett (208-374-5306; Jennifer.Barnett@ars.usda.gov).

For technical questions, contact Dr. Gregory S. Lewis (208-374-5306; Gregory.Lewis@ars.usda.gov).

A full text vacancy announcement is available on the Internet at:

- <http://www.afm.ars.usda.gov/divisions/hrd/index.html>
- http://jobview.usajobs.gov/GetJob.aspx?JobID=97993824&JobTitle=Research+Rangeland+Management+Specialist%2fResearch+Ecologist&brd=3876&vw=b&FedEmp=N&pg=1&where=Dubois%2c+Idaho&rad=20&rad_units=miles&re=0&q=Research+Ecologist&AVSDM=2011-03-23+10%3a56%3a00

The Job Announcement Number is ARS-X11W-0148. Applications must be received by 11:59 p.m. Eastern Standard Time on May 27, 2011. USDA/ARS is an Equal Opportunity Employer and Provider.

SRM Membership Website Login

SRM has updated its membership database. As a result you have been assigned a new login and password. Whenever prompted to login, you will need to enter your numeric **SRM member number** as your **user ID**, and **your last name as your password**. Your password can be changed in the member profile area after you login. Please also note that your current member demographics, including your contact information and section affiliation(s), can be viewed and edited within the member profile area. Please [click here](#) to be taken directly to the business site. If you have any problems or questions please call 1-800-627-0326 or email srm@allenpress.com.



SAVE THE DATE!

**America's
Grasslands
Conference**



**August 15-17
2011**

Sioux Falls, SD

***America's Grasslands:
Status, Threats, and
Opportunities*** will bring together researchers, natural resources professionals, agricultural producers, policy experts and conservationists to discuss the status of North America's grassland ecosystems, current threats, opportunities for conservation and the outlook for these ecosystems in a changing climate. The conference will be immediately followed by a ***Grasslands Policy Summit*** on August 17-18, sponsored by the National Wildlife Federation and Ducks Unlimited.

For More Information:

Conference Co-chairs:

Susan Rupp, SDSU
Susan.rupp@sdstate.edu

Julie Sibbing, NWF
sibbing@nwf.org

2011 Ecologically-based Invasive Plant Management (EBIPM) Field School

Are you ready for a new learning experience where you will take home the skills to start successfully managing invasive plant species? The Western Society of Weed Science is sponsoring the 2011 Ecologically-based Invasive Plant Management (EBIPM) Field School - September 13-15 in Park Valley, Utah and we hope to see you there!

What makes this course so exciting? Our team of instructors uses field demonstration sites managed on local ranches to develop hands-on learning activities. You will gain the knowledge and experience to begin implementing the EBIPM decision framework. EBIPM takes you out of the never-ending cycle of treating the symptoms (invasive weeds) and provides the principles and strategies to start repairing the underlying problems that cause invasion. The payoffs to a better understanding of the ecological underpinnings of invasive species will be substantial.

At the EBIPM field school you will:

- Learn in the field about the processes directing plant community change and how to manage these processes to improve rangeland health.
- Learn and use site-specific criteria to prevent and manage invasive species.
- Understand how plant communities can be invasion-resistant/resilient and less likely to burn.
- Use adaptive management.

- Gain experience to tackle your invasive plant challenges.

With our learn-by-doing format you will leave the school knowing:

- Methods to assess ecological processes in need of repair.
- Ecological principles to formulate management strategies.
- Technique that allows you to adjust strategies and identify best management practices as management progresses.

Cost of the course is \$275.00/ person and will include all meals during the field school. All participants will receive an EBIPM workbook that you can use for developing EBIPM plans for your specific situation. Park Valley is a small ranching community in Northern Utah. Part of the proceeds from registration fee will benefit the local Parent-Teacher Association who will be providing our meals. The EBIPM Field School will be an adventure - bring your tent or trailer for camping at the local park! Producer/ Rancher scholarships are available.

To learn more or to register, visit www.ebipm.org or contact Brenda Smith at brenda.smith@ars.usda.gov or 541 573-4084. Don't delay; we look forward to your participation

New Mexico Section SRM Summer Tour July 22, 2011—The Corona Range and Livestock Research Center

The [Corona Range and Livestock Research Center](#) is a 27,886-acre working ranch laboratory located near the geographical center of the state of New Mexico, just east of the village of Corona. Land within the research center is characterized by rolling hills alternating with undulating to flat areas with the elevation ranging from 5,720 to 6700 feet. A transitional area runs the length of the ranch with the southern half predominately piñon juniper woodland and the northern half described as a short grass prairie.

The research center is operated by New Mexico State University's Animal and Range Sciences Department. Research programs, as well as graduate student studies are a major part of the research centers activities

and are incorporated into the normal production cycle of the cattle and sheep commercial operations, a registered Angus seedstock herd, a native mule deer population and an introduced herd of pronghorn antelope.

Join us for a tour of the ranch and on-site discussions related to current research projects.

Tour details and lodging contacts will be posted soon, or contact NM SRM President-Elect Les Owen at lowen@nmda.nmsu.edu.

Les Owen
Range Resources and GIS Specialist
New Mexico Department of Agriculture
Agricultural Programs and Resources

Upcoming Functions & Continuing Education Pre-Approved Courses

Below is a calendar of functions that have been pre-approved for SRM Continuing Education Units (CEUs)

Date	Location	Title	Credit
Varies	Online	Ecology and Management of Grazing http://californiarangeland.ucdavis.edu/Grazing%20Management/online_course.htm	16/module
Online	WEB	2010 Jornada Web Seminar-Practical Tools for Multi-scale Sample Design & Selection jkarl@nmsu.edu - http://www.landscapetoolbox.org/train	1
Apr 2-8 Rosario, Santa Fe State, ARG		IX International Rangeland Congress http://www.irc2011.com.ar/en/index.html contact Vicky for pre-cong tour & wkshp details	6
May 4	Tucson, AZ	Multi-Scale Biodiversity Metric Mapping for Ecosystem Services	6
May 4	Novato, CA	Stream Restoration Success II: Decades of Lessons in Watershed Restoration Offer Future Opportunities & Challenges	6
May 9-11	Salt Lake City, UT	Regaining Ecosystem Resilience: Managing Ungulates in the American West	12
May 26-27	Tecumseh, NE	Grazing in the 21st Century http://www.nercd.com/userfiles/file/21st%20Grazing%20Workshop%20Flyer.pdf	13
June 20-23	San Antonio, TX	NRCS Grazing Management Lectureship; Mark Moseley—CANCELLED	16
Jul 6-8	North Platte, NE	North American Invasive Plant Ecology & Mgmt Short Course— http://ipscourse.unl.edu/	16 max (d1-8/d2/5/d3-8)
Aug 3-5	Mahan Park, AZ	AZ Section Summer Meeting-Arizona Rangelands: Past, Present, and Future http://azrangelands.org/	TBD
Sept 13-15	Park City, UT	2011 EBIPM Field School http://ebipm.org/map/173	16 ttl (d1-7/d1 eve- 1/d2-8/d3-6)

If you know of a function that you want to attend but do not see it here, please send the information to:

SRM, ATTN: Vicky Trujillo, 10030 W 27th Ave, Wheat Ridge, CO 80215-6601; vtrujillo@rangelands.org, Fax 303-986-3892

Welcome to Our New Members—April

Name	City, State	Section
Caitlin Obrady	Portland, OR	PNW
Gabrielle Cronin Palmer	Castro Valley, CA	CA
Stephanie Jill Ficke-Beaton	Paauiilo, HI	CA
Jessica Marguerite Walling-Phillips	Ellensburg, WA	PNW
Timothy John Lyons	Flagstaff, AZ	AZ
Nancy Ranney	Corona, NM	NM
Paul Herrman	Connell, WA	PNW
Brandon Dalton	Hulett, WY	WY
Colt Watson Knight	San Angelo, TX	TX
Julie Knudson	Bellvue, CO	CO
Gerald O. Grevstad	Longmont, CO	NV
Amanda Taylor	Pinedale, WY	WY
Mike Ingram	Davenport, WA	PNW
Jane Lancaster	Cochrane, AB	IM
Ben Rux	Riverton, WY	WY

Open Spaces: The World's Rangelands

Society for Range Management

10030 West 27th Avenue
Wheat Ridge, CO 80215
Phone: 303-986-3309
Fax: 303-986-3892
E-mail: info@rangelands.org

We're on the Web!
www.rangelands.org



Deadline for the **June** issue is **May 15**. Send material to **Vicky Trujillo** at
vtrujillo@rangelands.org

PAYMENT WITH FOREIGN CURRENCY

Because of the high fees charged to convert foreign currency payments,
SRM can only accept payments made in US funds.

If you are a member outside of the US, please make your payments either by:
**Money Order (US funds only) - a check drawn on a US account (US funds only) -
or a credit card.**

We apologize for any inconvenience this may cause.

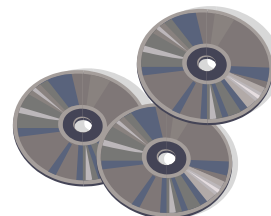
If you have any questions please call
303-986-3309 or email info@rangelands.org.



SRM PUBLICATIONS AVAILABLE ON CD-ROM

\$7 each or \$5 each if you order three or more titles

Facilities for Watering Livestock & Wildlife
Facilities for Handling, Sheltering & Trailing Livestock
Glossary of Terms Used in Range Management
Rangeland Entomology
Rangeland Hydrology
Fences



If you are interested, please email your order request to info@rangelands.org with credit card information, or order by fax to (303) 986-3892.

You may also pay with a check by sending your order to
10030 W. 27th Avenue, Wheat Ridge, CO, 80215.



Have some pictures you'd like to share?
Send them to us and we'll see about using them.
Submit articles for the newsletter and include photos! Send to vtrujillo@rangelands.org.