

NEVADA SECTION - SOCIETY FOR RANGE MANAGEMENT
WINTER BUSINESS MEETING
UNIVERSITY OF NEVADA RENO, MATHEWSON –IGT KNOWLEDGE CENTER, RM 201

DECEMBER 12, 2013

MINUTES

Present:

Stephen Andersen
Ann Bollinger, Secretary
David Culverson
Charlene (Charlie) Duncan
Kathryn Dyer
Mark Freese, President-Elect
Erica Freese, Treasurer
Leonard Jolley
Ryan Leary, President

Génie MontBlanc
Maggie Orr
Rick Orr, Zone 7 Council Repr.
Rob Pearce, Zone 5 Council Repr.
Barbara (BJ) Raymond, Zone 3 Council Repr.
Maria Ryan
Ryan Shane, Zone 1 Council Repr.
Sherm Swanson

The meeting was called to order at 8:05 a.m. by President Leary. A quorum was present.

1. Opening Remarks

The agenda will be modified while waiting for the arrival of Erica and Mark Freese.

2. Introductions

3. Minutes

Rick made a motion, seconded by Sherm for approval of the minutes as written. Motion passed.

4. Representative to the Advisory Council, SRM Meeting in Florida

Rob reported the CalPac Section approved expenses to send two representatives to the SRM meeting in Florida but he's waiting for confirmation. Ryan L. stated that Rob will represent the Nevada Section for the 2018 bid and present to the Advisory Council. Ryan L. will confirm what information is needed in the presentation. Sherm mentioned the vision usually comes later, and Mark suggested the group will need to brainstorm. Ryan L. and Mark will help develop the PowerPoint. The host location will be decided and announced in Florida.

Maggie, Rick, and Sherm will be attending the SRM meeting in Florida as well.

5. Financial Items

Financial Report: Erica provided the current balance for all of the accounts (attached). The scholarship mutual fund account was closed and the funds are currently in the checking account, but they will be reinvested soon. The American Century Equity Income account does not include the income from yesterday's workshop, but it does include income from the

January 2013 and June 2013 meetings as well as Range Camp. There haven't been any donations to the endowment fund since the summer. CDs are earning a little more interest than the savings account.

Erica informed members that her UNR office had been burglarized and the checks had been stolen. There were minimal expenses to replace the checks and other supplies.

Sherm said there are several new students so he would like to offer scholarships again. He suggested spending the interest, not the principle. Ryan L. inquired whether interest from different accounts can be combined in order to provide enough funding for a scholarship. (The conversation continued later.)

Rob made a motion, seconded by Rick for approval of the financial report. Motion passed.

Budget: Erica reported expenses of \$750 towards events for Hope on the Range, and it was within budget. She proposed a similar budget for the next calendar year. Kathryn suggested the purchase of inexpensive swag i.e. frisbees, pens, etc. with our information. Ryan S. added that different products can be offered based on the event.

Erica commented on the cost of the booth at the Nevada Cattlemen's Association (NCA) – \$450 for less than 24 hours. Ryan S. said there has always been a goal to reach out to landowners and ranchers. The booth was staffed by at least two UNR students at all times, in addition to some of the section's professional members. The UNR Range Club made \$600 on the gun raffle. Mark wondered if the cost could be shared i.e. with the Agricultural Research Service (ARS) or others.

Budget Requests: From Great Basin College, Tracy Shane sent a request for \$1,000 to assist in sending two students to Florida.

Reporting for the UNR Range Club, David requested \$1,900. The UNR Range Club has several new members, with an average of 10-12 attendees at each meeting. In lieu of attending of SRM in Florida (due to the expense), the students are planning to participate in a regional event, "Science in the Sagebrush Steppe," at the Eastern Oregon Agricultural Research Center near Burns, OR (attached). All colleges and universities in the Great Basin have been invited, and several others have asked to participate.

In addition to this opportunity, the UNR Range Club is planning to offer a 16-hour wilderness first aid training/certification and one event associated with a campus-wide series, "Burning Inquiry." (Burning Inquiry is a celebration of University of Nevada faculty's interdisciplinary research and investigation into the phenomenon of Burning Man). The first aid training is in response to a recent experience, and they have received partial funding from The Associated Students of the University of Nevada (ASUN). For the Burning Inquiry series, they have invited a co-founder who will present on the "Leave No Trace" concept as well as other subjects. The Range Club will not charge for attendance but will seek sponsors i.e. Twin City Surplus. The club has earned significant income through various projects and

fund-raising events, but they would like to keep a \$10,000 balance in the account in order to invite speakers and host events. (A report and brochure have been attached.)

Erica reported a balance of \$28,000 in the general fund but said the request may be paid from other accounts. In past, the section has provided \$1,000-\$1,200 annually to the student chapter(s) but it probably hasn't included requests from Great Basin College.

There was a question whether a "Collegiate Student Support" line item should be added to the budget. Maggie inquired whether the section's contribution towards the Burning Inquiry series might be reimbursed if fundraising efforts met or exceeded the costs.

Ryan L. stated \$2,900 was the tentative request. The budget, including student requests, will be approved later in the meeting after all requests are discussed.

6. Elections

Ryan L., for Chris Jasmine, announced the following nominations:

- President-Elect – Ryan Shane
- Zone 1 Council Representative – Chris Jasmine
- Zone 2 Council Representative – BJ Raymond
- Zone 4 Council Representative – Génie MontBlanc

7. Open Positions

Executive Vice-President: This position has not been filled but it should be.

Youth Activities: Ryan L. will contact Jim Gatzke regarding his continued interest as Youth Activities Committee Chair. The Youth Activities Committee Chair coordinates the contacts, logistics, travel, etc. for the high school student(s) attending annual SRM meeting. Rick advised against adding the responsibilities to the Range Camp Director (Kathryn) who is already fairly busy with those duties. After talking with Jim, Ryan L. will contact Tye Morgan, who was recommended.

Awards: Cub Wolfe is not interested in continuing as the Awards Committee Chair. The Awards Committee really needs the effort of all members to submit nominations. Mark commented that as zone council representative, he never received a notice requesting nominations or a submittal deadline. Two recommendations for the Awards Committee Chair were Jim Gifford and Sam Lossing.

Progressive Rancher: Tracey Jean Wolfe is not interested in continuing as the Nevada Section Liaison to the Progressive Rancher. Maggie explained the intent of this position is to connect research and science to the on-the-ground land managers/ranchers. The role is to find authors, not to write the articles. Tracey provided a letter with suggestions for articles. One recommendation was Tye Morgan, since she has direct contact with many researchers. During discussion and consideration of other members throughout the state, Garrett Noles in Winnemucca and Kory Kulinsky near Elko were recommended.

Additional recommendation for any of the positions included Stacy Belshaw and Jenny Addy.

Ryan L. will start with an email to all the members to invite participation in the open positions. If she does not receive sufficient response, she will start direct inquiries.

8. SRM Meeting in Florida

As previously discussed, Ryan L. and Mark will assist with development of a presentation regarding the 2018 bid to the Advisory Council.

High School Youth Forum: Kathryn needs assistance with the high school students, particularly to/from the airports. During SRM, the students are fairly busy and have chaperons. Sherm will arrive on Saturday with his wife but he will be busy with various meetings. His wife may be able to help, as a last alternative. Maggie and Rick will arrive late on Sunday evening. Kathryn said the tickets haven't been bought so there's opportunity to schedule accordingly.

Kathryn informed members that the section will be paying upfront costs for Valerie, the winning delegate from last year, but should be reimbursed by the parent society. The section will also be paying for Clay's attendance. There was discussion regarding the stipend and all agreed on \$50 for each student, assuming airport transport is provided by Sherm, his wife, Maggie, or Rick.

9. Member Contacts

Génie manages the list-serve email system. She and Charlie recently met to confirm and add member names and email addresses. Génie identified several email addresses without a corresponding name and inquired whether they related to past members. She will send individual emails and ask if they have an interest to remain on the list-serve account.

10. Range Camp

Kathryn reported that 25 students attended Range Camp in 2013, and the number was lower than in past years. She suggested marketing and will send posters to past attendees, but otherwise her time will be limited because she will be working in Battle Mountain for the next few months. Last year, there were several unclaimed sponsorships.

Ryan S. suggested sending material to Zone Council Representatives. He also suggested a Facebook page, but Kathryn doesn't personally use or spend the time. Facebook would require updates and monitoring. Kathryn supported its use if someone else managed the account. Mark wondered if Steve Foster could manage the Facebook page. Another alternative was the UNR Range Club, and Stephen offered to follow-up with Kathryn.

Erica suggested sending posters to Nevada Bighorns Unlimited, Chukars Unlimited, and the Safari Club. Kathryn has a list of schools as well. Génie mentioned MailChimp, a free option to manage email lists.

Brittney is still confirmed to cook next year. ABC Sheet Metal donated work on the refrigerator, and they did a great job. Kathryn will be spending money on tire covers (\$30 each), cook trailer repairs – to the freezer to circulate propane through cooling mechanisms and a mounting bracket for the pilot light on one stove (estimate is less than \$1,000), water

bottles, and swag i.e. pens. She would like to add www.rangelands.org and/or the charter year. She might buy stickers for the each current year.

Boss Tanks will provide a water tank, and they have provided logos to promote their company. Other sponsor logos should be refurbished as well. If the section provides the logos, the labor for application should be a little less.

The kitchen tarp is good but the grommets need repaired. The kitchen prep tarp needs replaced. Erica suggested Kathryn to contact Chris Jasmine and get a copy of his previous list. Kathryn mentioned a company in Colorado who sells re-purposed supplies, and the prices are very affordable.

Erica said the budget is \$1,000. In 2013, the insurance, based on the number of students, cost \$429. If additional funds are needed, there is money in the Youth Fund.

Range Camp starts the third Sunday in June. A set-up and take-down crew(s) would greatly improve the experience for all who work during the week. The set-up crew would arrive on Friday. The trailer(s) will be in Austin. Erica advised sending email requests to the membership – starting early and sending often (once/month). The GBC or UNR Range Clubs may be an option, but the students are out of school.

There was agreement to increase registration fees to \$200. The Conservation Districts provide several scholarships and a small, incremental increase would have a significant impact on the budget. Also, there was agreement to increase the cook stipend to \$1,000.

Maggie is working on a History of Range Camp.

11. Hope on the Range

Maria detailed a few new options – the National Cowboy Poetry Gathering in Elko (January 27 – February 1, 2014) and the Rocky Mountain Elk Foundation in Las Vegas (December 4-7, 2014) which is held during the National Finals Rodeo. At the Rocky Mountain Elk Foundation, there is no charge for non-profits. The BLM and USFS will be in attendance as well. Genie suggested the Inter-Tribal Council of Nevada.

Maria informed members that the trailer lights aren't working. Also, there is no extra room in the trailer for anything. She will review the trailer for modifications, such as the possible removal of a few vertical supports. Charlie commented the trailer doesn't have logos or any identification. Erica advised against magnetic logos. Erica and Mark have a neighbor who is a painter and may be willing to customize it, if the section bought paint.

The booth is heavy, especially for one person, and Maria would like consideration towards the purchase of a table-top display. Liz Warner helped develop materials for the current display. During the summer Youth Expo hosted by the Wild Sheep Foundation, a shade canopy was purchased. The canopy is available any time for other events.

There was discussion regarding the lack of information and material at the booth. At minimum, there should be brochures regarding the organization, membership forms, and membership letter (Charlie and Mark have copies). Leonard is on the Outreach Committee, and he said SRM used to have tri-fold brochures but they had become outdated and recently thrown away. Promotional materials i.e. pens may be useful. Charlie proposed playing the “Hope on the Range” DVD on a small laptop. Posters for Range Camp could be displayed. Maria summarized there could be several options, depending on audience, and materials could be stored in a Rubbermaid container in the trailer.

Erica stated the budget was \$1,500 last year and proposed the same for the next calendar year.

Maria shared thanks from the 4H in Ely for the opportunity to prepare dinner and conduct a fundraising event. They were very appreciative and bought sweatshirts with the proceeds.

12. Board of Directors Report

Leonard reported the CalPac Section has endorsed Dr. Ken Fulgham as SRM President. Ken is currently serving on the Board of Directors. The recent section meeting was held in Point Reyes where the landscape issues relate to the reintroduction of tule elk and the effect on cattle operations. As a follow-up to a previous conversation, he will share comments with the parent society regarding brochures and literature. Leonard stated the annual meeting is the biggest fundraiser and the current planning and registration for Florida are going well. The CalPac Section will be hosting annual SRM meeting in 2015. They hired a local representative to assist with planning efforts, and a MOU was written to identify various responsibilities. The section has paid \$10,000 upfront and anticipates paying \$30,000 from the meeting proceeds. So far, three similar organizations have agreed to participate in a joint-meeting.

13. Committee Reports

Endowment Fund: Rick provided the current balance and commented this fund can be used for any projects but not ordinary budget items. There is money available for use.

Membership: Charlie said 123 members are in good-standing. She has been sending letters to those with expired memberships and has received some response. In preparation for meetings and particularly during registration, it was requested that Charlie provide a copy of the most recent membership report.

Maggie clarified that Charlie should send a copy of the written newsletter to those without email, since she keeps the membership information.

Nominations: Chris Jasmine was not present, but the nominations were announced earlier in the business meeting. Most likely, it will be an email ballot and vote.

Public Affairs: After review of the summer minutes, Sherm remembered that he and Maria would provide comments on the recent report by the National Academy of Sciences on BLM’s Wild Horse and Burro Program. After reading the summary, Sherm drafted a

resolution and presented it to the members. Rick and Ryan suggested edits, and Ryan asked Sherm to review with Rex Cleary prior to approval and submittal by the Nevada Section. The resolution will be submitted to the SRM Advisory Council.

Ryan made a motion, seconded by Rick to proceed with drafting of the resolution. Motion passed.

After reviewing with Rex and editing the draft resolution, Sherm will send an email to all members for comment. After the comments have been evaluated and the edits made accordingly, Sherm will send to Ryan L. who will ask members for a vote.

Leonard suggested sharing a copy of the final resolution with neighboring states.

Scholarships: Sherm informed members there is a different system at UNR since the introduction of the Robertson-Fleming scholarship opportunity. Today, there is a university-wide scholarship application. The NVSRM Scholarship Committee reviews the applicants for eligibility. There are several eligible students, and one particular student would be a good candidate. He will get the information out as soon as possible.

The current award is \$1,000 for one scholarship, but occasionally there is a second \$500 scholarship as well. There was further discussion regarding the number of awards and dollar amount. BJ suggested a flexible amount, based on merit, but spending the interest only.

Rick made a motion, seconded by Mark to spend the interest only with the number of awards and dollar amount left to the discretion of the Scholarship Committee. Motion passed.

Newsletter: Maggie stated the newsletter is currently published two times per year and includes reports on the previous tour or workshop as well as the upcoming tour or workshop. Erica thanked Maggie and acknowledged her efforts.

Progressive Rancher: Maggie encouraged the new liaison to feel comfortable and ask input from others. This position is representing SRM.

14. Zone Council Reports

Zone 5: Ryan S. reported a minimal fire season. The Humboldt Cooperative Weed Management Area (CWMA) is a growing organization and they treated 5,000 acres throughout the last couple years with the help of cooperators. The Shoesole Resource Management Group (three family ranching operations in Northeastern Nevada) was successful in winning a recent lawsuit against Western Watersheds over term permits. Stewardship Alliance of Northeast Elko County (SANE) has received several grants and will be contracting with Resource Concepts, Inc. to develop a sage grouse management action plan. Gold prices have dropped, though active mine development continues. Fracking is occurring along the Ruby Front and north of Wells for oil and gas exploration. The Nevada Cheatgrass Action Team is looking for on-the-ground projects with the goal to re-establish perennial grass stands. Elk populations are quickly increasing and there are questions

regarding how to manage hunting tags. There is a possible listing of an *Astragalus* species in the Goose Creek area.

Zone 3: BJ reported success with sage-grouse efforts around the Clear Lake National Wildlife Refuge. There has been cooperation with NRCS regarding western juniper, fire issues, and historic resources. The permittees has been pleased as well. An EA from the Modoc National Forest to gather horses is under scrutiny by other organizations.

BJ requested a copy of the Bylaws and a list of members in her zone.

Zone 5: Rob reported a significant increase in the Montgomery Pass Wild Horse Herd, and commented that sterilization efforts take a long time to implement.

Zone 7: Rick informed members that sage-grouse is the big issue, and many of the efforts are discussed through the Conservation Districts. Maggie serves on the board for the Nevada State Conservation Commission.

15. Summer Meeting

If Ryan S. is elected as President-Elect, it will be his role to plan the summer meeting. Sherm proposed engaging fire management officers and rangeland ecologists to discuss fire projects at the landscape scale.

16. Remaining Items

Maggie informed members that the Nevada Association of Conservation Districts will be hiring a director, the position can be based anywhere, and information will be posted on the list-serve.

Returning to the budget, Erica informed members the section made \$1,500 in the January and June meetings and will make an estimated \$5,000 at yesterday's meeting. Kathryn made a motion, seconded by Rick to approve the collegiate budget requests if they help with advertising for Range Camp. Motion passed.

The meeting was adjourned at 12:25 p.m.

Respectfully submitted,

Ann Bollinger, Secretary
January 14, 2014

SRM Nevada Treasurer's Report - November 30, 2013

<u>Account</u>	<u>General</u>	<u>Youth</u>	<u>Scholarship</u>	<u>Endowment</u>	<u>HSYF Endowment</u>	<u>Account Balances</u>
Checking	19,336.93	10,771.13	66,124.74	2,076.57	0.00	98,309.37
Savings	8,854.52	3,497.22	2,440.70	23,585.06	11,577.58	49,955.08
Meridian Growth						0.00
Meridian Value						0.00
American Century Equity Income				18,447.12		18,447.12
Fund Balances	28,191.45	14,268.35	68,565.44	44,108.75	11,577.58	166,711.57

<u>Account Balances</u>	<u>11/30/2013</u>	<u>12/31/2012</u>	<u>5/31/2011</u>	<u>12/14/2011</u>	<u>12/31/2010</u>	<u>12/31/2009</u>	<u>12/4/2008</u>
Checking	98,728.47	28,899.65	22,489.13	27,875.60	23,619.85	10,440.15	9,419.90
Savings	49,955.08	49,924.98	49,862.99	49,821.48			
American Express MM					49,833.72	49,832.68	49,582.05
Meridian Growth		29,911.54	28,477.08	26,196.92	26,444.61	8,489.07	13,885.84
Meridian Value		25,667.31	23,138.28	23,233.16	22,335.44	18,942.61	15,165.01
American Century Equity Income	17,489.07	15,615.88	14,220.60	13,099.33	13,633.65	12,026.47	9,917.42
Totals	166,172.62	150,019.35	138,188.08	140,226.49	135,867.27	99,730.98	97,970.22

Note: Difference in Checking account balances is a Check to White Pine 4H that was not cashed, for dinner catering at summer meeting

January Meeting Profit \$ 1,321.04

Summer Meeting Profit \$ 815.26

Range Camp Profit \$ 2,472.47

2013 Winter Meeting NV Section SRM Student Chapter Report

December 12, 2013

We'd like to thank the Nevada section of SRM for your continued support. We are proud of our association as student members. At the beginning of this semester we engaged in a switch of hands between officer positions which has brought fresh perspective to the club. We have participated in two club fairs and an ice cream social in promotion of the club that has led to several new members. Club participation has been exceptional, averaging 10-12 members attending at our bi-weekly meetings.

In furthering our long standing relationship with John Wilker of the University owned Gund Ranch in Austin, we organized a weekend long club event where we built fence for a water gap, took turns operating a no-till seed drill planting wild rye, attended a calf branding at a neighboring ranch, and discussed management practices of the Gund Ranch. In appreciation for our help, John generously donated \$2500 to our club.

The club also assisted the NV section of SRM in having at least two members present at the booth for the Cattleman's meeting. We'd like to thank the SRM for allowing us to use the booth to sell gun raffle tickets; we managed to sell 36 tickets grossing \$660 at this event.

We have several events planned for the next semester, for which we are asking the NV Section of SRM for financial assistance. To start we would like to announce we will not attend the national SRM conference in Orlando due to the cost of travel, although eastern U.S. range management issues would be interesting and informative. In lieu of this, we have collaborated with the Eastern Oregon Research Center in Burns, Oregon to conduct an intercollegiate range management educational experience, titled "Science in the Sagebrush Steppe". It will be held the 24th to 27th of April at the Northern Great Basin Experimental Range. This colloquium will include hands on educational instruction on soils in rangeland ecosystems, management of sagebrush and juniper ecosystems, plant ID, plant surveys, invasive weed management, and livestock interactions. Then each range club will work in teams to develop and present a management plan involving knowledge of soils, ecological site descriptions, plant identification, plant community succession, invasive plant and wildlife habitat management. The management plans will be judged alongside a plant ID exam. The schools that have shown interest in this event include Shasta Jr. College, Great Basin Community College, Montana State, Oregon State, Eastern Oregon State, and the University of Idaho. For this event we would like to ask the Nevada Section for \$500 dollars to cover travel and miscellaneous expenses.

For our next fundraising event, scheduled February 20th we have invited Will Roger Peterson, a Burning Man cofounder, to give a presentation on Burning Man and the Leave No Trace concept. In partnership with the Burning Inquiry UNR library series, we will hold the presentation at the University's Wells Fargo auditorium expecting to seat 120 to 140 people. The presentation will cover insight into what Burning Man is about, its history, actions and

consequences, and its interactions with the surrounding rangelands, their agencies, flora and fauna, with an emphasis on Leave No Trace. We would like to ask for \$500 to help cover the costs of advertising, travel expenses for our speaker and a \$500 honorarium.

Our next event for March 1st and 2nd we have contracted with Eric Martin from the American River College in Sacramento to instruct a 16 hour wilderness first aid course. We are planning on the attendance of 12 students. We have received $\frac{3}{4}$ of the funding from the Associated Student Union and we are asking for \$400 to cover the rest of the costs.

Lastly, we will participate in professional mock interviews on January 24th with great thanks to Ryan Leary who has organized this event, recruiting multiple professionals from various fields to conduct the interviews, whom we also thank. Currently, six club members are expected to participate.

We are excited and look forward to the coming events of this Spring Semester and our future interactions with the Nevada Section of SRM. In total we are asking for \$1900 in support of these events. So far our club has raised \$3100 with a goal to maintain a balance of \$10,000 in the club bank account as a legacy to pass on to next year's club. This money will ultimately be used for larger fundraising events in the future in order to sponsor scholarships and attend national SRM conferences.

Thank you for time and consideration

Sincerely,

UNR Range Club

COLLEGE RANGE & AG CLUBS

You are Invited!

April 24-27, 2014

Join scientists and land managers for

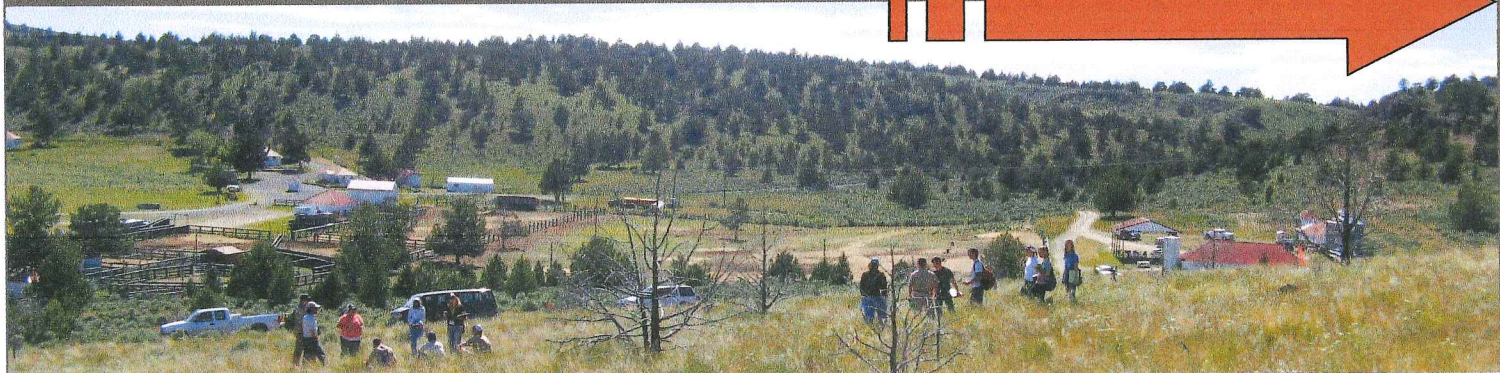
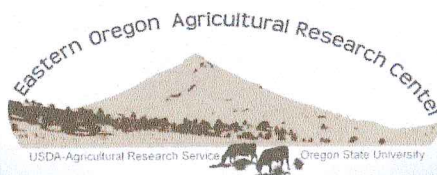
Science in the Sagebrush Steppe:

A Rangeland Management Event Out on the Range!

*Bring your A-team for fun and education at the
Northern Great Basin Experimental Range near Burns, OR
Meals will be provided*

Awards!

Check with your department to earn college credit for this program.



A group of people are gathered in a grassy field. In the foreground, a man in a light-colored uniform and cap stands with his back to the camera. To his right, a man in a dark shirt is looking down at something in his hands. Further right, a man with a red backpack is looking towards the camera. In the background, a large, rounded mountain rises against a clear blue sky. The field is filled with tall grass and some yellow wildflowers. A few other people are visible in the distance on the left.

Where?

- The Northern Great Basin Experimental Range (NGBER) is about 35 miles west of Burns, OR and encompasses more than 16,000 acres. The rangeland is used by researchers investigating many aspects of sagebrush steppe ecology and livestock production. NGBER supports a variety of plant communities including western juniper, sagebrush and many of the grasses and forbs common to northern Great Basin rangelands.

The map displays the Northern Great Basin Experimental Range in Oregon. Key locations include Bend, Burns, and Lakeview. Major highways shown are US-93, US-26, US-193, and US-200. The Deschutes River is visible flowing through the region. An inset map in the bottom left corner shows the state of Oregon with a box indicating the location of the experimental range in the northern part of the state.

Agricultural Research Service (ARS)
Society for Range Management—
Nevada Section & Pacific Northwest
Section

What to expect for this event?

- We are expecting to have a great time learning about rangeland management out on the land.
- Each Range Club will work in teams to develop a rangeland management plan that will involve, knowledge of soils, ecological site descriptions, plant identification, plant community succession, invasive plants and wildlife habitat management. Teams will present their management plans.
- Management plans will be judged with awards going to top teams.
- We are planning to have a Plant Identification exam similar to what you will expect to have at the Society of Range Management annual meeting in Sacramento, CA in 2015.



Agenda for "Science in the Sagebrush Steppe"

Thursday April 24 teams arrive by 4 pm- Welcome to the Sagebrush Steppe

- Set up camp
- Introductions, outlines, materials & expectations for the weekend
- Dutch Oven Dinner—Clubs bring your Dutch oven and best recipe!
- Campfire



Friday April 25— Getting out on the Land

- Soils in Rangeland Ecosystems
- Plant ID, functional groups & plant surveys
- Sagebrush & Juniper Ecosystems—What do we Manage & How do we Manage them?
- Invasive Weeds—How they Change the Management Picture?
- Livestock interactions on the land
- Campfire—Steak dinner



Saturday April 26— Developing a Management Plan

- Plant ID exam—prepared by Charlene Duncan—NV Section SRM
- Teams prepare their Management Plan
- Teams present their Management Plan
- Hike the Butte!
- Awards
- Around the campfire— Dinner & Rancher's perspective of managing Sagebrush Steppe



Sunday April 27—Head on Home

- Pack-up & Breakfast
- Head on back to School—Hope you had a great time!



Presenters and instructors for the "Science in the Sagebrush Steppe" are listed below. Combined there is a wealth of knowledge about Rangeland Science, Research and Management. We are excited to meet you!

Jon Bates - Dr. Bates is a Rangeland Ecologist. His current research focuses include management and plant community restoration in juniper woodlands, and response of sagebrush steppe to altered precipitation patterns.



Chad Boyd - Dr. Boyd is a Rangeland Scientist and received his PhD from Oklahoma State University. His current research interests are focused on sage grouse, management riparian grazing ecology, stream temperature and willow monitoring.



David Bohnert—A ruminant nutritionist, Dr. Bohnert is OSU Beef Cattle Specialist at EOARC. His current research focus is on nutritional management strategies to improve the sustainability of beef production in the Intermountain West.



Kirk Davies -Dr. Davies obtained his PhD from Oregon State University and is a Rangeland Scientist conducting research on vegetation patterns, disturbance ecology, sagebrush-bunchgrass community ecology and invasive plant prevention, control and ecology.



April Hulet - Dr. Hulet is a Research Ecologist and received her PhD from BYU. Her current research is focused on sagebrush restoration after wildfire and understanding mechanisms by which fire affects bunchgrass plants in WY big sagebrush communities.



Dustin Johnson- Dustin is a range scientist specializing in livestock management with OSU Extension in Harney Co. Oregon. He has a background in rangeland ecology and conducts research to improve management of both private and public rangelands.



Jay Kerby—As The Nature Conservancy's Southeast Oregon project manager, Jay wear's many hats. He conducts research, implements restoration projects and works on many issues of high desert rangelands, including Greater Sage Grouse management concerns.



Matt Madsen - Dr. Madsen is a Research Scientist with a soil science background, his PhD from BYU is in Wildland Conservation. He is currently conducting research to improve seedling emergence and survival within degraded rangeland soils using seed coating technology.



Roger Sheley - As a Rangeland Ecologist at the ARS, Dr. Sheley's research focus is on invasive plants and understanding the true causes of infestations. Previously, he was with Montana State Univ. as extension rangeland specialist and has extensive experience in range settings.



Brenda Smith— A Weed Scientist by training, Dr. Smith works on invasive plant research, education and outreach. She has been a farmer and taught weed science courses. Her interest is in creating educational opportunities for land managers with useful take home information.



Tony Svejcar - Dr. Svejcar is a Rangeland Scientist and Research Leader for ARS at EOARC. His research interests include carbon and nitrogen cycling in the sagebrush steppe, western juniper ecology, prescribed fire, grazing impacts on upland and riparian areas.



Lori Ziegenhagen - Lori is a Rangeland Science Technician and is responsible for carrying out field and laboratory research at EOARC. Among her many talents is her excellent skills in Botany, especially in identifying rangeland grass species.



Questions or Interested in Attending?

Contact: Brenda Smith

Eastern Oregon Ag. Research Center

541-573-4084

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