

Society for Range Management Pacific Northwest Section

*Volume 70 Number 1
May 2019*

President's Message

Wendy Gardner, BC

After a cold winter the arrowleaf balsamroot is now in full bloom, the ticks are out and so is the SRM PNW Section newsletter, clear signs that spring has arrived! It has been a busy winter for the SRM, and I want to give you a quick update on what has been happening at both the parent and section level.

The SRM Annual General Meeting was held February 10 to 14 in Minneapolis, Minnesota. I was fortunate enough to be able to attend and our PNW Section was well represented at the meeting. We had many members there as well a large group of college/university students, both undergraduate and graduate, from BC, Oregon and also online students.



Our section sponsored Washington rancher, Molly Linville, to attend the meetings under the Redd Fund and it was wonderful to meet with her and get some feedback on what we as a section could do to encourage more rancher participation. The Redd Fund is a joint venture of the Charles Redd Foundation and SRM that offers a financial award to ranchers to attend an SRM annual meeting. For more information on this award and on this year's recipient, Molly, see PNW Section website under awards.

We also sponsored two Highschool Youth Forum Students, Jade Fossen from B.C. and Tyler Ernst from Oregon. Both students gave excellent speeches and Jade won 2nd place with her speech titled "Managing to Make a Difference". I hope that both can give their speeches at one of our upcoming section events.

SRM President Clayton Marlow announced at the SRM Annual Meeting in Minneapolis that this was to be the Year of the SRM Sections. As part of this effort one member from each section will work as a liaison with the SRM Membership Team with the goal being to help assist sections with developing materials such as brochures and flyers. In addition, the Membership Team is working closely with the Young Professionals Conclave (YPC) to encourage young members to maintain their membership. As a result of this the PNW Section Board of Directors has decided to form the YPC Liaison Program Committee and Sarah Schwarz (sarahlynn.sch@gmail.com) will be the chair of this committee. The role of this committee is to have a YPC advisory council member act as a liaison between the section and YPC with the goal to help the section with boosting outreach, recruitment, retention, and section level involvement from student and young professional members. Sarah sits on the YPC advisory board and will help the section with building an Instagram page and with tours/meetings. Her goal is to increase young professional, student and rancher involvement in the section. Welcome Sarah!

This year the SRM PNW Section Summer Tour titled "Rangelands and Wildfire: Responding to issues arising from the 2017 and 2018 wildfire seasons in the Cariboo-Chilcotin" is being held in Cache Creek, BC from June 25 to 27, 2019. There are more details on the tour in the newsletter and also on our PNW Section website (<http://pnwsrm.org>). I know I am looking forward to the tour and hope to see many of you there.

Calendar of Events

June 11-14, 2019: Roaring Springs Stockmanship School (A few spots remaining—see attached flyer)

June 19-22, 2019: High Desert Youth Range Camp, Northern Great Basin Experimental Range, near Burns, OR

June 25-27, 2019: PNW SRM Summer Workshop, Cache Creek, BC

Fall 2019: PNW Fall Workshop and Annual Meeting, Oregon

Mark your Calendars for PNW Field Workshops/Symposiums/Meetings

2019 PNW SRM Summer Workshop, Cache Creek, BC

The PNW Section Summer Tour will be held June 25 to 27, 2019 in Cache Creek, British Columbia, a town located at a historic transportation junction with its roots dating back to the Gold Rush days. Cache Creek is located about 1-hour west of Kamloops and was impacted by the 2017 Elephant Hill wildfire which burned 191,865 ha and resulted in the evacuation of the entire town. Fittingly the theme for the tour is “Rangelands and Wildfire: Responding to issues arising from the 2017 and 2018 wildfire seasons in the Cariboo-Chilcotin”. The tour will include stops and discussion on multiple topics including: 1) trees versus grass – how to address this debate post fire, 2) burn severity maps – calibration of these maps and their role in post-fire planning (forestry, grazing, seeding etc.), 3) hydrology – issues relating to soil erosion, water quality and reclamation, and 4) grazing post fire – the challenges regarding animals returning to the range. A detailed itinerary and registration form are included at the end of the newsletter.

2019 PNW SRM Fall Workshop and Annual Meeting, Oregon – Location, dates and full details coming soon!

72nd SRM Annual Meeting and Tradeshow, Minneapolis, MN PNW Member Highlights!

.Submitted by: Stefany Rasmussen, Hailey Manke and Kathrynne Cunningham—British Columbia

We are very thankful for having the opportunity to attend the 2019 SRM conference! Not only was it a valuable experience for us to learn about current research being conducted within the ranching industry, but it was an amazing chance to network with fellow colleagues interested in improving rangeland management practices across the globe! As Canadians representing the Pacific Northwest section, we learned lots about the ranching challenges and opportunities in the Eastern side of North America. We also received feedback and gained confidence in public speaking from presenting our research at the undergraduate paper session on February 13th. Not to mention, we’ve made lasting friendships along the way with interesting and intelligent people from all walks of life! Overall we could not have asked for a better week. We’d like to extend a warm thank you to our professor Dr. Wendy Gardner for inviting us on the trip of a lifetime, and we hope to be back for many more SRM events in the future.



High School Youth Forum *Submitted by Wendy Gardner*

Jade Fossen from B.C. and Tyler Ernst from Oregon participated in the HSYF speaking contest.

Tyler’s talk was titled “Wolf Recovery” and he discussed the concept of trophic cascades and how reintroduction of wolves in Yellowstone lead to improvement of riparian habitat but also the challenges reintroduction of this species posed to livestock producers.

Jade’s talk was titled “Managing to Make a Difference”. She discussed how her ranch uses weed control, good grazing management and selective harvesting on forested range to keep their land healthy and productive. Jade placed second in the contest and was presented an award at the Wednesday afternoon ceremony.

Both talks were very well done and the students did a great job at answering questions.



PNW Section undergraduate and graduate university students - British Columbia, Oregon and online!

2019 SRM Honor Awards

Presented at the 72nd SRM Annual Meeting in Minnesota. Congratulations!

Photo and award information from the SRM website: rangelands.org. Write-up adapted from the SRM press release.

Sustained Lifetime Achievement Award

Dr. David Pyke

Dr. David A. Pyke of Corvallis, OR, received a Sustained Lifetime Achievement Award. The Sustained Lifetime Achievement Award is presented by the Society to members for long-term contributions to the art and science of range management and to the Society for Range Management.

Dr David A. Pyke's research has made tremendous advances on the basic and applied knowledge needed to monitor and manage rangelands in a changing world. Over the more than 45 years that he has been an SRM member, he has contributed over 100 publications, decades of classroom teaching and mentoring for many graduate students, and tireless outreach. Dr. Pyke helped lead the 1) development of the resistance and resilience paradigm and its application in rangelands, 2) indicators of rangeland health and associated monitoring strategies, 3) the science and management actions regarding sage grouse and sagebrush conservation, 4) assessment and improvement of the US Emergency Stabilization and Rehabilitation program, and 5) has led the way for spatially extensive analyses of rangeland practices, such as in the eco-regional scale assessment of BLM land treatments and SageSTEP (see 2014 Rangeland Ecology and Management, Vol 67(5) special SageSTEP issue). The SageSTEP experiment tests management options for reducing loss of sagebrush steppe rangelands from tree or annual grass invasion, using uniform treatments and measurements at sites spanning five states in the western US.

David's PhD research in the early 1980's showed how demographic information – albeit tedious to obtain – was essential for understanding exotic annual grass populations. His more recent work involves assessments of broad issues regarding climate, fire, grazing, and restoration at continental and global scales. Dr Pyke is regularly consulted to provide science advice for the development of policy and implementation at all levels of public land management. Few scientists have developed such a comprehensive rangeland research program that is so frequently and readily incorporated into land management. It is for these reasons that Dr. David A. Pyke was presented with the Society for Range Management's Sustained Lifetime Achievement Award for 2019.



Molly Linville, PNW Red Fund Awardee

Molly Linville, the 2018 Redd Fund Awardee, runs KV Ranch which encompasses 6,000 acres in the center of Washington's arid, shrub-steppe habitat near the small town of Palisades. KV Ranch raises mostly commercial Angus cattle, and alfalfa and timothy hay. Molly has been running the cow-calf and haying operations since 2012 when her husband David and she unexpectedly inherited the ranch following David's father's sudden death. Prior, she worked for US Fish and Wildlife Service as a wildlife biologist in central Washington. David continues to work off the ranch.

Molly was raised on a wheat and barley farm near Reardan, Washington. She holds a Bachelor of Science degree in wildlife biology from the University of Montana and began working for U.S. Fish and Wildlife Service as a wildlife biologist and then wildlife refuge manager in 2000. At the time they inherited the ranch, she was completing her Masters of Science degree at Washington State University.

Since taking over the ranch operation, Molly culled the herd aggressively, retaining only those cows that thrived in its challenging climate and rugged terrain. She started a small herd of 30 goats for weed management. Molly attended many stockmanship workshops to develop skills needed to calve out, move, and doctor cattle by herself. She adopted Bud Williams style stockmanship, can handle cattle in any situation, and more importantly, can target graze areas of the ranch that are not crossed fenced. Her stockmanship skills were severely tested in June of 2017 when a fire burned almost all of KV's range down to bare mineral soil. She managed to get all of the cattle to safety and now faces the dual challenge of ushering both the range and herd through fire recovery.



Molly's interest in brittle rangeland was piqued while working as a wildlife biologist. She observed that rangeland habitat recovery from disturbance was often slow to non-existent, no matter the considerable resources U.S. Fish and Wildlife Service applied to the disturbed area. But, when she took over the ranch, she noted the very same habitat type was thriving and even included many rare plants and two threatened and endangered wildlife species in spite of being grazed for 100 years. This observation launched her deep study of brittle rangelands, starting with Allan Savory's work and branching out from there. She says, "I am hooked!"

Consequently, Molly was thrilled to receive the Redd Fund Award and to attend the 2019 SRM Annual Meeting in Minneapolis. She describes the sessions as:

"packed with fascinating information that I know I am going to utilize as the ranch recovers from the fire. More importantly, it was so terrific to be surrounded by people who love range as much as I do! I don't think most people find it an easy landscape to love, but it's my favorite and it was wonderful to get to talk about it with like-minded folks."

Molly notes two challenges with SRM's mission: how academic level information is disseminated down into real world usable format and how that usable format gets put into the hands of producers who are actually going to implement it on the landscape. She concludes:

"I know both are achievable and I hope I get to be a part of the solution! Thank you so much to everyone who made it possible for me to become a part of SRM, I know being a member is going to accelerate a deeper understanding of range function, health and regeneration for me."



Molly is also engaged with her community. She is working with state legislators on fire suppression in communities not served by a fire district, fire impacts on rangeland, environmental regulations that have become too cumbersome for small family farms, cattle grazing on public lands, and predator/livestock conflicts. She is a member of the State's Wolf Advisory Group, serves as a Planning Commissioner for Douglas County, is on the school board for the nearby two room school that serves 25 students in Palisades, and is a proud member of Washington Cattlemen's Association.

Remembering Lost Resources

At the Annual SRM meeting, a video was shown that honored the recently Lost Resources of SRM and Range Management. Our own PNWer, Mary Jo Foley-Birrenkott produced the video and provided the link below.

https://www.dropbox.com/s/13tjlqjrgd9x678/Final%20Lost%20Resources_edit.mp4?dl=0

Detailed tributes for our PNW Recent Lost Resources are below.

Richard Elledge Hubbard

Richard Elledge Hubbard, known to family and early friends as “Dick” and to later friends as “Rich,” was born on June 9, 1950 in Walla Walla, Washington, the second of Ralph Wood Hubbard and Maxine Harriet Elledge Hubbard’s two children. During Rich’s earliest years the family remained in Walla Walla, where they enjoyed the friendship of other young families in their unusually close-knit neighborhood.

In the summer of 1955, when Rich was five years old, the Hubbards moved to Lewiston, Idaho, where Rich spent his childhood riding bikes and later motorcycles, playing baseball, swimming, fishing, and generally raising heck with other boys his age. He played the trumpet in his school bands and out-of-town band trips were especially memorable adventures. As a teenager Rich was a member of the Masonic-affiliated Order of DeMolay and a baptized member of the Orchards Community Church, both of which provided additional opportunities for pranks and mischief. In 1968 Rich graduated from Lewiston High School, where he considered himself one of the school’s first “hippies.” Following high school Rich remained in touch with many of his Lewiston friends and some, including Mark Lugar, Dick Swartz, and Bruce Matteson, became his lifelong ski, tennis, fishing, biking, and camping buddies.



Rich began college in the fall of 1968 at Texas A&M University in College Station, Texas, and graduated summa cum laude in 1972 with a Bachelor of Science degree in Wildlife Science. Many professors at this conservative institution equated long hair and hippie attire with low intelligence and were shocked to discover Rich was one of their brightest students. While at Texas A&M Rich made many more friends, some of whom remained his friends for life.

Following his undergraduate studies, Rich was accepted into the Range Science Master’s program at Colorado State University, where he graduated in 1975 with a Master of Science degree in Range Ecology. His thesis explored competition for food among large herbivores and was titled, “Diets of Wild Horses, Cattle, and Mule Deer in the Piceance Basin, Colorado.”

Rich worked seasonally for federal agencies during his college years, conducting timber inventories for the U.S. Forest Service in Idaho and serving as a temporary Range Conservationist with the Rock Springs and Kemmerer, Wyoming, Bureau of Land Management offices. In 1976 Rich accepted a permanent Range Conservationist position with the Bureau of Land Management in Havre, Montana, a position he held for three years. During these early jobs a number of Rich’s coworkers were added to his list of lifelong friends.

Havre was considered a particularly remote Bureau of Land Management post and in 1979 Rich applied for a Range Conservationist position with the Spokane District BLM. Rich was selected for the job and spent the remainder of his career in Spokane, where he served as District Range Conservationist, District Rangeland Management Specialist, and for a time Acting Director of the District Scarce Skills Team. Many of Rich’s colleagues during this period also became his close friends.

While in Havre, Rich met and fell in love with Sandra “Sandy” Johnson and they were married May 3, 1980 in Spokane. Sandy had a 3-year-old son, Anthony “Tony” Bear, from her first marriage and Rich became Tony’s second father. The new family enjoyed outdoor activities and regularly skied and rode motorcycles together. Vacations to Canada, the Oregon Coast, and Hawaii also included camping or other outdoor activities. The marriage, however, was not to last and the couple divorced in 1994. Tony, though, remained in Rich’s life as his much-loved son.

In 1994 Rich met Ann Sharley, a seasonal Archaeologist at the Spokane District BLM. The two fell in love and were married on the beach in Poipu, Hawaii, on November 18, 1996. Rich and Ann enjoyed travel, particularly to warm locales, and vacationed in Bali, Tahiti, Hawaii, Aruba, St. Lucia, Jamaica, Florida, Oregon, and Alaska. Other favorite activities included eating out, attending movies and plays, hiking, camping, partying with friends, and watching sports on television.

Rich retired from the BLM in 2005, and spent the next 12 years riding his BMW motorcycle, driving his Corvette, skiing with friends at Schweitzer and in Colorado, working out, and riding his mountain bike, a period he frequently described as “the best retirement a person could have.”

(Continued on page 6)

(Continued from page 5)

In October 2017 Rich's mountain bike brakes failed, resulting in a serious high-speed crash. Despite treatment from a variety of medical and mental health specialists, he never fully recovered.

On December 14, 2018, Rich passed away in Spokane, Washington. He is survived by his wife of 22 years Ann Sharley-Hubbard, his son Tony Bear of Spokane Valley, his sister Gail Hubbard Callahan of Walla Walla, granddaughters Kate and Haley Bear, and many close friends. Even during his difficult last year, Rich placed great value on the friendship and love of his numerous friends and relatives. Rich was a kind and gentle soul, and he will be greatly missed.

Alf Bawtree

Prepared by Bob France and Mike Malmberg, January, 2019

Have you heard something like this before? "Hi Ben and Cindy, will you be at La Grande this spring? I have a few things I want to go over with you." Or, "John and Lynne, how are things going with your Juniper project? Will you be at the meeting in Bend? I would sure like to see your project sometime." How about "Chad, will we be seeing you in the summer in Beautiful Downtown Burns?" Or "Andrea, I know a student I would like to encourage to attend ..., will you be at the next meeting in June?" "Tom and Kathy, did you escape the fires we're hearing about around Wenatchee? Will we be seeing you at Williams Lake?" Or how about "Bill Kreuger / Mike Borman, what the heck is going on at OSU?"

These are the kinds of greetings commonly spoken by Alf Bawtree and heard by many of the folks in our group. These messages are the beating drums, the clarion call to the next meeting of the clan. These are the thoughts that drive interest, excitement and the anticipation of seeing each other at the next gathering. Sadly, Alf won't be present at the next meeting of our clan.

Alfred H. Bawtree passed away on December 21, 2018 at 88 years of age. Following a stroke a few days earlier, Alf never regained consciousness and died in the hospital in Kamloops. Alf was predeceased by his wife Kay a number of years ago and is survived by their sons Hugh and Bruce Bawtree. Alf was a colleague, mentor and friend to many in SRM, particularly those in the PNW section.



"Mike Malmberg and Alf studying a range site in the East Kootenays October 2018"

In spirit and in our memories, Alf will certainly be at the next meeting. "Is that Alf up there near the front and off to the side?" Alf is listening carefully, following the discussion and getting ready to ask a pointed question. Those questions, sometimes with a sharp point, would often bring in a new perspective, or perhaps express an idea dared to be verbalized by only the brave! Alf was never afraid to speak out. Or "is that Alf at the back of the crowd, engaged with an old friend or talking to a rancher or a student" (two of the kinds of people Alf loved the most, finding out about them and learning their stories and their points of view). Or "is Alf in Room 99 ---- or at the kitchen table, or at the back of the hall"? With welcome doors open wide to all, Alf is hoping to visit with people young or old, new or familiar. A chance to say hello, learn new things, explore new concepts and ideas, or even just to laugh, banter, tease and talk old times.



"Bob France and Alf at SRM Booth at the BC Cattlemen's Meeting in Merritt BC 2014."

Alf was a leader and a follower, a trailblazer and a trail boss; leading from the front, poking from the side and pushing at the tail end of the herd. He showed the way and kept things moving. Alf was awarded the PNW Section Trail Boss Award in 1992.

Alf was an outstanding achiever, accumulating a long list of exceptional accomplishments spanning his lifetime career in rangelands. Although primarily focused in his own region Alf's achievements were recognized by the Society for Range Management Outstanding Achievement Award presented to Alf in 2003. Alf was heavily involved and completely committed to rangelands; the science, the practice, the art and the enjoyment thereof.

Throughout his life, Alf was heavily engaged in our Society's focus on the rangeland landscape. His interest started as a child on a family farm at Ashton Creek near Enderby British Columbia during the 1930's, it continued through University in the Faculty of Agricultural at the University of British Columbia, persisted throughout his professional career in range management beginning in the 1950's, and continued during his

(Continued on page 7)

retirement years (as recently as October, 2018 Alf was on a field trip to the East Kootenay with Bob France. Alf met with ranchers and range professionals in the region to discuss some difficult decisions around rejuvenating rangeland seedings). Alf was recognized as being “In for the Long Haul” by the PNW Section in 2012 with receipt of the Jim Brunner award.

Alf was a strong supporter of young people in range and one of his passions was the W. H. Stewart fund which provides awards to students in the Resource Management program at Thompson Rivers University in Kamloops. This fund was established after the untimely death of Bill Stewart a Kamloops area rancher and first president of the BC Chapter of SRM. Alf worked closely with Bill’s widow and the Kamloops Stockmen’s Association to ensure the fund was carefully awarded and grew. He was always proud to represent SRM during the Awards Presentations at TRU each fall. He attended the most recent ceremony on November 29th, 2018.

Alf took the view that the reservoir of the unknown far exceeds the pool of known facts. The following example demonstrates this trait. Alf was a long-standing member of a local naturalist organization. The following quote (recorded in the minutes of one of the association meetings) demonstrates Alf’s determination to be a very clear and persuasive in his instructions: “We don’t know much. We have to be damn cautious about what we do and look carefully at the impact our actions are having.” Alf often engaged with people in discussions by way of carefully thought out questions.

No discussion about Alf could be considered complete, or even credible, without mention of a few stories and the recognition of the odd minor shortcoming; after all, we all have our foibles! Opening up the topic to these two items could result in at least a dozen pages, possibly a book! Just to get peoples’ minds in the mood, how about the time Alf was seen (and heard), panic-stricken, as he flailed and rowed his boat toward shore on the fishing trip with several of our SRM members in Southern B.C. Alf had forgotten to put the plug in the bottom of the aluminum rowboat and didn’t realize his mistake until he felt his foot getting wet, by that time well out into the lake. By the way, that might have been about the year the rig from OSU lost its license plate somewhere on the trip and didn’t notice the loss until crossing the border back into the USA (unrelated instances I am sure).

We all know that a good character trait can often manifest into a negative asset. For example, a long memory can be a boon or a bane. Or a stubborn streak can be very annoying or a huge asset in getting the job done. Here is an example where combining these two traits with opposing outcomes achieve a “grand slam”. I recall a frustrated colleague remarking that “Alf has a stubborn streak broader than a Percheron mare’s backside”, while another colleague remarked, “yes, but despite that, he had never known Alf to hold a grudge much longer than a couple of decades or so”!



“Alf visiting with student during Fall Tour in Enterprise Oregon 2013.”

We hate to drop a good roast at such an early stage in the cooking, but keep thinking about the stories. This “should be continued”, maybe at the next meeting of the clan.

*A time for sharing fond memories is being planned during the Summer Meeting, as well as a visit to one of his field sites during the field portion of the meeting. We hope you will be able to join us!

Arne Raven

Provided by Arne’s Family

Arne Raven was born on a farm in Frørup, Denmark on October 15th, 1930. He grew up with a love for the land and farming that remained with him all his life. He left Denmark at 19 and immigrated to Canada. In 1950, he became a Canadian citizen, and was a proud Canadian until the day he died.

He initially farmed with Everett and Margaret Jensen and their family outside of Calgary before heading farther west to Prince George, B.C. In Prince George Arne worked as a high-risk tree faller, managed the Salmon Valley Ranch and owned a landscaping business with his best friend Henning. Over the years he also worked on the Kemano Project in Kitimat, helped build the Duffy Lake Road, was a blaster for the highway tunnels south of Lytton, worked in forestry in Lillooet and then as a farmer, dairyman and rancher. Everywhere Arne went, he made lasting friendships.



(Continued on page 8)

(Continued from page 7)

In 1960, Arne married Betty Hansen in Christiansfeld, Denmark and returned to Prince George eventually moving to Lillooet. Following the birth of their eldest daughter Karen in 1964 they moved to Lytton where Arne originally was hired to manage the farm at St. Georges. He then went on to lease it for many years, operating as St. Georges Ranch. Sonja, his youngest daughter was born in 1967. The family made many wonderful, lifelong friendships during this time and so many are part of our extended family.

It was here at St. George's Ranch that he started his cow-calf herd, while running a mixed farm with pigs, and dairy cattle as well as an apple orchard while supporting his children's love of chickens, horses, and sundry rabbits, guinea pigs and the occasional goat (under duress!). In 1985, Arne brought his cow herd (and family) to Pritchard where he ran the Wolf Ranch for over 30 years. He enjoyed being able to bring his stewardship ethic of ranching in harmony with nature to create a well-managed and stewardship-award-winning ranching operation. The ranch was a place where everyone was welcome and hosted many barn dances, ranch tours, international summer students, university field days and small tours of his beloved alpine lilies every spring.

Over the years Arne served as school trustee and Chairman of the School Board for School District 30, belonged to the B.C. Cattle-men's Association, served on the Board for Kamloops Stock Association and the Pinantan-Pemberton Stock Association, the Kamloops Land Resource Management Plan, and served on many TNRD committees. Arne was a long-serving member of the Pritchard Community Association, helping to bring a community hall and many dances to Pritchard. Arne enjoyed the many years playing Santa for the Pritchard children. He was also a very proud member of the Chase Rotary, the Kamloops Naturalists Club, Kamloops Adult Learners and supporter of the Kamloops Symphony.

Arne said his two daughters, Karen and Sonja, and his granddaughter Tove, were the light of his life. He adored them, and they adored him. He made sure his girls were educated, and rarely missed an opportunity to "look after them", whether that was moving either of the girls for the umpteenth time, or passing on some of his beloved Gelbeighs to continue his legacy.

Arne passed away peacefully on March 4th, on his own terms, surrounded by his loving family and following several days of wonderful get-togethers with very dear friends.

High Desert Youth Range Camp

The 8th Annual High Desert Youth Range Camp is scheduled for June 19-22 at the Northern Great Basin Experiment Station. The "Top Camper" receives a trip to participate in the High School Youth Forum at the Annual International SRM Meeting, sponsored by the PNW Section.

Cost to attend the camp is kept low for attendees through scholarships. If you are interested in sponsoring a scholarship please see the attached sponsorship form.

PNW Section Officers

President	Wendy Gardner, BC	250-371-5570
1st Vice Pres.	Jeff Burnham, WA	509-457-9303
2nd Vice Pres.	Nick Vora, OR	541-350-2182
Past President	Maura Laverty, OR	208-741-9240
Secretary	Vacant	
Treasurer	Jamie McCormack, OR	541-233-3438
Director	Claudia Ingham	503-341-0743
Director	Casey Matney, AK	907-262-5824
Director	Dustin Johnson, OR	541-589-1981
Director	Ricardo Mata Gonzalez, OR	541-350-2182
Director	Kurt Moffitt, OR	541-699-3182
Director	Andrew Volo, BC	250-572-3837
HSYF	Gabi Johnson, OR	541-589-1239
Awards	John Buckhouse, OR	541-760-8269
History	Joe Wagner, OR	541-947-6175
Membership	Pete Schreder, OR	541-947-6054
Outreach	Bob Gillaspy, WA	360-566-7654
Student Activities	Andrea Mann, OR	509-670-7743
Webmaster	Bob Gillaspy Tom Platt, WA	rangebob47@gmail.com plattlt@icloud.com
Newsletter	Jenni Moffitt, OR	541-699-3181 jenni.moffitt@gmail.com

PNW's strength is in its Chapters Contact yours today!

British Columbia
David Borth, Kamloops, 250-319-4305

Washington
Jeff Burnham, Ellensburg, 509-457-9303

Oregon State University
Yvette Gibson, Corvallis

Eastern Oregon University
Lesley Morris, La Grande, 541-962-3812

Central Oregon
Tim Deboodt, 541-447-6228

Southern Oregon
Les Boothe, Lakeview, 541-947-6141

CALL FOR VOLUNTEERS!

The PNW Section is in need of a Section Secretary. If you are interested in serving in this role please contact Wendy Gardner. wgardner@tru.ca

Visit our website!

<http://pnwsrcm.org>

Roaring Springs Ranch And the National Riparian Service Team



Whit Hibbard

Whit Hibbard is a fourth generation Montana cattle rancher, former national park mounted ranger, editor of *Stockmanship Journal* (www.stockmanshipjournal.com) and writes on low-stress stockmanship for *Drovers* and *On Pasture*. He believes strongly in its importance for the livestock industry and has been teaching clinics and consulting on ranches, feedyards, dairies, and bison operations since 2012.

Presents the

2019 STOCKMANSHIP SCHOOL

31436 HWY 205 Frenchglen, OR

June 11 (9am)-14 (1pm)

Featuring



Steve Cote

Steve has over 20 years of experience teaching stockmanship to range grazing associations, ranches, feedlots, dairies, and small farms. In 2004, Steve published the book, **Stockmanship**, which is the only book in the world on the subject of low stress livestock handling for grazing lands management. An update to the book will be published in 2019.

Also featuring coaching from:



Roger Ingram - UCEE



Duane Coombs- IMWJV



Dave Voth- NDA



Registration and RSVP: Contact Kurt McCormack

Email: kurtbmccormack@gmail.com

Phone: (541) 419-8781

WANTED

FOR 8TH ANNUAL

High Desert Youth Range Camp

High School Students (grades 9-12 at time of application)
from Oregon, Idaho and Washington
June 19-22, 2019

Northern Great Basin Experimental Range
near Burns, Oregon



Total cost to the camper is only \$50.00, as each camper will receive a scholarship to attend camp for \$125.00. All meals are provided.

Receive College Credits

And Awards!



For more information:
<http://oregonstate.edu/dept/EOARC/range-camp>

What to expect at Range Camp Day by Day



Wednesday June 19: Welcome to the Rangeland!

- Introductions, Expectations and Camp Orientation
- Setting up Team Management Areas
- Team Building and Leadership
- The Secret Life of Sagebrush
- Soils and Everything that Grows in Them
- Around the Campfire Fun and Activities—Night time Navigation



Thursday, June 20: Getting out on the Land

- The Amazing Plants of the High Desert
- Mapping—All about finding your way on the Rangeland
- Sagebrush Ecosystems—What to Manage & How to Manage?
- Invasive Weeds—How they Change the Management Picture
- Around the Campfire Fun and Activities—Dutch Oven Cooking



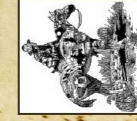
Friday, June 21: Getting out on the Land

- Juniper Ecosystems—How Fire Affects the Land
- Wildfire the High Desert Ecosystems Support
- Livestock Management on the Rangeland
- How well did you learn your plants?
- Around the Campfire Fun and Activities—Critters In the Night



Saturday, June 22: The Final Fun

- Hike to the Buttel
- Rangeland Management Plans by Teams
- Closing Ceremonies: Awards and Thank Yous— Families are Welcome to join us for Awards



Tyler Ernst, Tillamook, OR was selected top 2018 camper to attend the 2019 Society for Range Management Youth Forum in Minneapolis, MN. She is sponsored by Society of Range Management Pacific Northwest Section

Questions? ...Contact:

Gabi Johnson
Range Camp Coordinator
541-589-1239
Dustin.gabi.johnson@gmail.com

HDYRC is held at the Northern Great Basin Experimental Range (NGBER), about 35 miles west of Burns, OR, and encompasses more than 16,000 acres.



Sponsorship Form 2019

We appreciate your interest in supporting the High Desert Youth Range Camp, June 19 – 22, 2019, and Science in the Sagebrush Steppe, April 25-27, 2019, both held at the Northern Great Basin Experimental Range, near Riley, Oregon. The actual cost for each student is \$175.00. We try very hard to find sponsorships so that each student will only have to pay \$50.00 to attend camp. All scholarship donations will be put toward camp expenses for these students.

_____ I would like to sponsor _____ student(s) attending camp by providing scholarships in the amount of \$125.00 for each student.

_____ I would like to make a financial donation to offset general camp expenses. Please accept my contribution of \$_____.

_____ Enclosed is the total amount of \$_____.

Please make checks payable to: Harney County Watershed Council
Donations/sponsorships can be sent to: HCWC
PO Box 1289
Hines, OR 97738

Receipts for all donations will be provided.
Thank YOU!

For more information, contact Gabi Johnson: dustin.gabi.johnson@gmail.com
541-589-1239



Collaborative Approaches to Managing a Fire Recovery Landscape

Cache Creek, June 25th – June 27th, 2019

Day 1 Tuesday, June 25th

Time	Activity	Location
14:00 – 16:30	Board of Directors Meeting	Bear's Claw Lodge - Mezzanine
16:30 – 21:00	Registration and Evening Social	Bear's Claw Lodge Lobby and Restaurant

Day 2 Wednesday, June 26th

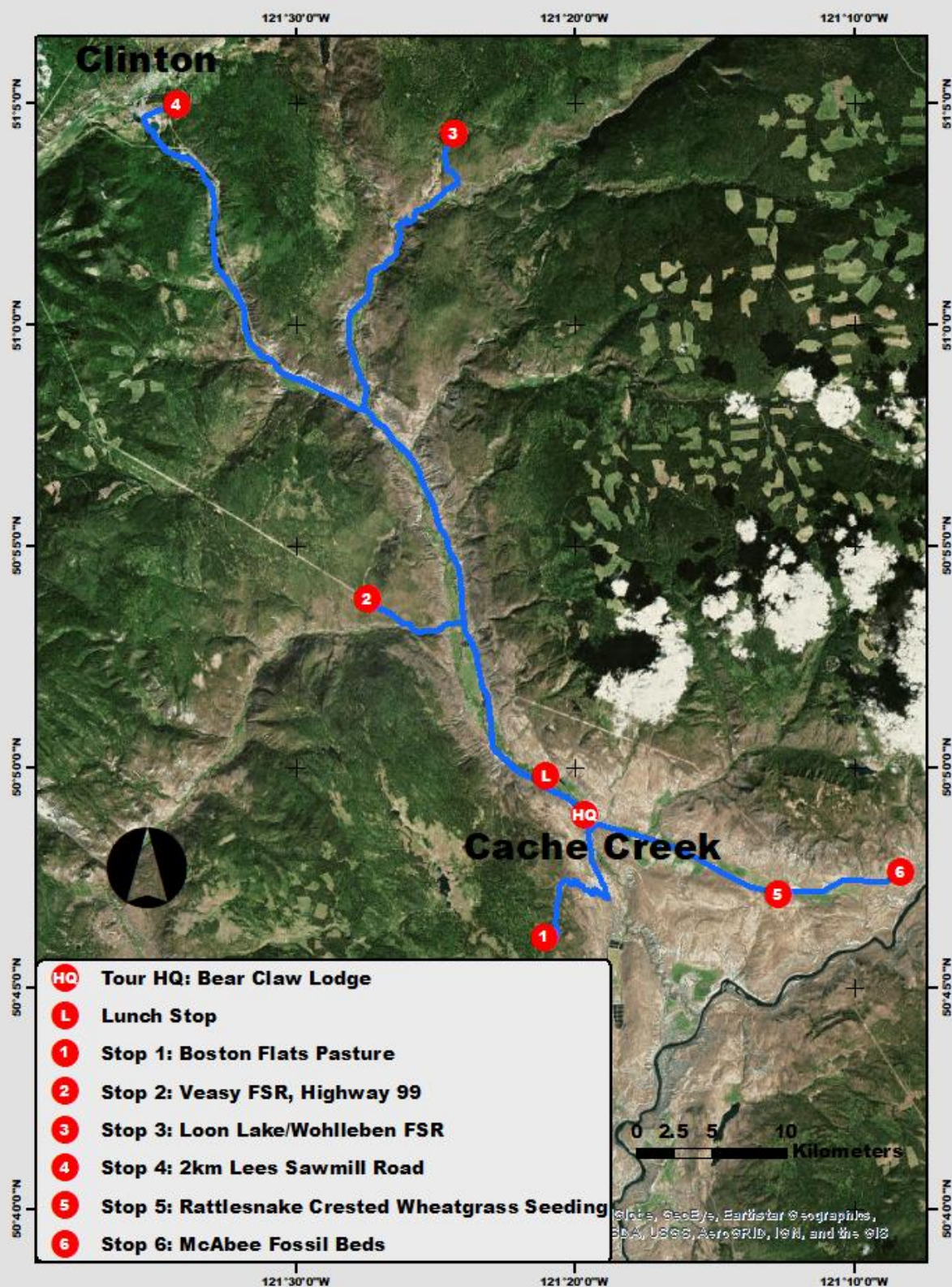
Time	Activity	Location
7:00	Registration Breakfast – On Your Own	Bear's Claw Lodge Lobby
8:00	Assemble for Bus Tour (8:00 am to 4:30 pm)	Bear's Claw Lodge
	Stop 1 - Managing for Forage	Boston Flats Range Unit
	Stop 2 - Managing for Invasive Plants	Maiden Creek Range Unit
	Stop 3 - Managing Impacts on Range Users	Loon Lake Road
	Stop 4 - Managing at the Community Interface	Lee's Sawmill Road
12:30 pm	LUNCH Horsting's Farm Market	Horsting's Farm Market
	Stop 5 – Managing for Production - Crested Wheatgrass Seeding – A legacy of Alf Bawtree	Rattlesnake Range Unit
	Stop 6 - Managing all Values Post Wildfire	McAbee Fossil Bed
4:30 pm	END OF TOUR DAY 1	Bus Return to Bear's Claw Lodge
5:00 pm	Happy Hour	Bear's Claw Lodge Restaurant
6:00 pm	Banquet and Silent Auction	
8:00 pm - ?	Music	

Day 3 Thursday, June 27th

Time	Activity	Location
8:00 am	Morning Speakers Forum	Cache Creek Community Hall
	1) Managing for Traditional First Nations Uses	
	2) Restoration of Dry Forest Range Types	
	3) Using Technology in Range Recovery	
	4) Community Wildfire Recovery	
11:00 am	"Lessons Learned" Panel Discussion	
12:00 pm	Summer Tour ends Lunch on your own – recommend Herbies!	



2019 SRM Summer Tour Locations





REGISTRATION

Pacific Northwest Section Society for Range Management
Summer Tour

Cache Creek, June 25 26 27 2019

“Collaborative Approaches to Managing a Fire Recovery
Landscape”

The PNW Section Summer Meeting and Tour will be held June 25 to 27, 2019 in Cache Creek, British Columbia, a town located at a historic transportation junction with its roots dating back to the Gold Rush days. In July 2017, the Elephant Hill Wildfire started south of town, burning down houses of the Ashcroft First Nation and Boston Flats Trailer Park, before going on to burn 191,865 ha of forest and rangelands. Range managers are now in the midst of dealing with the impacts of this catastrophic wildfire and several others that burned a total of 1.2 million hectares before the 2017 fire season ended.

The tour will include stops and discussion on multiple topics including: 1) burn severity and post-fire planning (salvage harvest and grazing return, 2) disturbance rehabilitation and invasive plant management, 3) hydrology (issues relating to soil erosion, water quality, and land slides), 4) trees and grass and community interface, 5) seed mixes on grassland and forest range, and 6) managing for multiple values on range during recovery from wildfire.

Register now and head to Cache Creek in June to get insights and share your own experiences in post wildfire range recovery!

Name: _____
Organization: _____
Address: _____
City/Province/State: _____
Postal Code/ZIP: _____
Phone: _____ Email: _____

REGISTRATION FEES

	CDN \$	US \$
Full Meeting-includes Reception on Tuesday June 25, refreshments, field trip, lunch & dinner on Wednesday June 26, and workshop on Thursday June 27	145	115
June 26th field only (includes lunch)	50	40
Extra Banquet ticket (no host bar)	50	40

Total Enclosed _____

Mail to: OR REGISTER ON LINE AT <http://pnwsrm.org/meetings/2019-summer-meeting/>

SRM Summer Tour 2019
C/O Vic Wright
2307 Wolfgang Rd
Armstrong, BC V0E 1B4

