

Society for Range Management Pacific Northwest Section

Properly functioning ecosystems provide for long-term sustainability of watersheds, plants, animals and people
Volume 53, Number 3 August 2002

See you in
Kamloops
October 3-
5 1 1

President's Message

Michael Borman

Thank you, **Mid-Columbia Washington Chapter**, for presenting the summer Section meeting and tour at the Colockum Research Unit near Wenatchee. Special thanks to **Tom and Kathy Brannon** for their hospitality. The tour was a great success -- highly educational (professionally) -- and a reminder to some of us that our legs are not as young as they used to be! **Pete Lopushinsky** (WA Dept. Fish & Wildlife), **Kevin Guinn** (NRCS), **Bob Leonard** (TNC), and **Jim Dobrowolski** (WSU) provided excellent discussions along the route. **Charlie Mason** entertained us with an enlightening discussion of Wenatchee Geology. **Hugh Barrett's** field discussion of Rangeland Health earned rave reviews.

The **BC Chapter** is planning what will be another excellent meeting and tour for our annual Section meeting in Kamloops, October 3-5. The technical tour will focus on mine reclamation. Peripheral events will be both educational and entertaining as only our BC members can produce!!

REGISTER TODAY – so we can MEET AT KAMLOOPS! (accent on Kam!!)

The Oregon Chapter of the American Fisheries Society and the PNW Section SRM will co-host an April 29-30 workshop in Prineville, OR, bringing together fisheries biologists and rangeland specialists. This "brainchild" of **Jimmy Eisner**, fish biologist & SRM'er, will present both fisheries and livestock needs, and management strategies that will provide habitat for both. By decision of the PNW Section Board, this event will be our 2003 "summer" workshop & meeting! As BC's **Mike Malmberg** said, "We can only get to so many meetings and this sounds like a good bet." Pencil in the 28th or 30th for an SRM social & meet.

In our last newsletter, you read that the SRM Board of Directors had tabled the vote on site selection for the 2006 annual meeting. The decision has since been made - WE ARE IT!! We will host the meeting February 10-17, 2006 in Vancouver, B.C. The organizing process has begun. **John Buckhouse** (OSU Rangeland Resources Dept. and past SRM President) and **Bob France** (BC Ministry of Agriculture, Food and Fisheries, Vernon) will serve as General Co-Chairs. The General Co-Chairs will contact folks about serving as Chairs of a variety of committees, which will need to begin planning relatively soon. Many Section members will be contacted to serve on planning committees or in volunteer roles during the meeting itself. The PNW Section will host an excellent and memorable annual meeting for SRM. Vancouver is a beautiful city and has much to offer SRM members and their families.

Rob Dinwoodie has joined the PNW Section Board of Directors. Due to the mid-year resignation of **Rick Forsman** (see p. 2), the Board, acting in accordance with the By-Laws, elected Rob to complete Rick's autumn 2004 term of office. Rob is Range Agrologist with the Ministry of Forests in Vernon, B.C. We welcome Rob, his ideas – and his music!

Please vote for 1st and 2nd Vice Presidents (due to departure of 2nd Vice president **Jim Tiedeman**, see p. 2) and for two Directors. We are fortunate to continue our tradition of excellent candidates.

NEWSLETTER

Greetings from Syria – almost!

Hello PNW/SRM members!! We had a great tour of the Colocum during the Summer PNW meeting. It was fun to visit with many members during the tour. As your 2nd Vice President, I feel it important to share with you some exciting developments for me. I have accepted a new job as Range Management Scientist with ICARDA, the International Center for Agricultural Research in the Dry Areas. My wife Sandy and I will move to Aleppo, Syria in October. It has been 9 years since I last worked on international range research and I am pleased to be getting back to it. The sad news is I will resign as your 2nd V.P. Thank you for electing me; I am honored! My plans are to maintain my membership with the PNW section so I will be able to keep up on what is happening in the Pacific Northwest. The new job is regional rangeland research that includes West and Central Asia, Middle East, and North Africa. Research will be to increase forage and livestock production from rangeland used by traditional livestock producers in developing countries, with a regional emphasis. Please write or email, especially if you have rangeland experience in the region!! My address will be: James A. Tiedeman, Range Management Specialist, ICARDA, P.O. Box 5466, Aleppo, Syria. Although no email address has been assigned yet, it probably will be J.Tiedeman@cgiar.org

Best wishes, *Jim Tiedeman*

“Mr. Smith Goes to . . .”

Greetings to the Pacific Northwest Section from Washington DC! It was with mixed emotions that I recently moved from eastern Oregon to our nation’s Capitol. I was pleased to be elected to the Section’s Board of Directors and felt bad that I then ended up moving before I had the chance to get very involved in that position. However, at this time in my career with the Forest Service, I just couldn’t pass up the opportunity to work in the headquarters office of the agency. I am working as an Appeals Specialist in the Ecosystem Management Coordination section. My job is primarily to review appeals to Forest Land and Resource Management Plans as we work our way through this next round of revisions to those plans. It is an interesting job and I hope to provide support to the process as we as a society determine the future management of our National Forests.

It sounds like Oregon is in the middle of a bad wildfire year. I keep track of the goings on there as my youngest daughter is working on a fire crew in John Day. Meanwhile, my wife Barb and I enjoy being weekend tourists with all the myriad of interesting places to visit in the DC area and the hills of Virginia and West Virginia.

Best regards, *Rick Forsman*

During the Section business meeting at Kamloops be prepared to discuss:
If PNW Section were to have extra \$\$, would you want to give funds to the Parent Society and if so, to which fund from the following? Washington DC office, special topics publications, electronic publishing, rangeland education video, grant writing, trademarks, newsletter contest, membership contest.

PNW Section Officers

President	Michael Borman	541-737-1614	Director	Craig Madsen	509-725-4181
1 st Vice Pres.	Tim Ross	250-427-4319	Director	Rex Harder	509-257-2800
2 nd Vice Pres.	Jim Tiedeman	509-784-3712	Membership	Michael Fisher	541-923-6955
Past President	Maurice Hansen	250-427-5200	Student Affairs	Andrea Mann	509-663-6670
Secretary	Mike Malmberg	250-426-1535	Awards	John Buckhouse	541-737-1629
Treasurer	Craig Obermiller	541-923-2777	Newsletter Eds.	Lynne Breese	541-447-6762
Director	Will Keller	509-422-2750		e-mail jlbreese@prinet.net	
Director	Mike McInnis	541-962-3812		Teal Purrington	541-923-6924
Director	Kendall Derby	541-987-2108			

PNW Chapter Officers

British Columbia	Don Blumenauer	Okanagan Washington	Richard Fleenor
Central Oregon	Michael Fisher	Panorama Washington	Ellen Picard
Mid-Columbia WA	Dana Peterson	Southern Oregon	Les Boothe

British Columbia Update

Rob Dinwoodie P.Ag., District Range Agrologist, Vernon BC, Canada

During the 2002 summer tour in Wenatchee I was once again reminded of both the diversity of beauty and geography of our part of the world in the Pacific North-west. Looking east from the Colockum was a view that I was not accustomed to, as we viewed an expanse of rangelands extending for what looked like hundreds of miles. It reminded me that each one of us range managers has a complexity of issues in their own area that requires taking a long view at times and working toward solutions for the common good of the range resource.

On the BC front the spring started out cool and slow with respect to forage growth and livestock turn out. Truth be known, we are probably still recovering from the extremely dry, hot summer of 1998. The summer has turned into another hot one in the Okanagan and thankfully the upper elevational ranges are holding up well with a good reserve of soil moisture allowing for good plant growth and livestock forage. With the use of range comes the issues of managing for multiple resources of water, riparian, silviculture, wildlife habitat, plant communities, noxious weeds, and the list goes on. On the forefront in BC is water quality and riparian management. Water quality as it applies to grazing livestock in community watersheds, requires co-ordinated planning by all parties and implementation and monitoring of plans. The Ministry of Water land and Air Protection are developing water quality objectives for community watersheds within BC. These objectives are based on monitoring data collected within the watersheds over a period of years and

therefore represent what are acceptable levels for the various parameters of water quality.

Riparian issues continue to be addressed within government Ministries of Forest and Agriculture. It seems that the riparian management on both private and public lands is being identified as a concern and will likely require more assessment by both ranchers and land managers. Tied in with this is the methodology used to assess riparian condition. Assessment must be made in a similar manner to be able to use the data in an effective way to manage for positive change. In other words we all need to be reading off the same page!

Changes in provincial government, including downsizing and realignment, will have some effect on how and what range managers do. The move is towards more accountability by range tenure holders with respect to both development and implementation of Range Use Plans on public land. For the range manager working for the Public service, larger areas to cover with fewer staff will require identification of high risk areas within the various resource areas.

The job of range manager has never been as complex as it is in today's world. Each change requires both knowledge of where we've been and where the change has us going and in the process somehow trying to direct the ship we're on. We can expect exciting times and as always more great opportunities for personal development in our profession.

Student Affairs Activities at Kamloops

By Andrea Mann, Student Affairs Chair, Wenatchee, WA

Calling all Students, Advisors and Mentors! Please join the student activities during the annual meeting in B.C. Plans are underway for a Student Plant ID Contest and Mentoring opportunities as part of the regular meetings.

The Educational Scholarship recipient will be announced and we will kick off our scholarship application process for 2003. Travel scholarships for students participating in the February International Meeting in Wyoming will be offered.

The dollar amount will be determined by proceeds from the Silent Auction.

The **Annual Silent Auction** will be held in conjunction with the Kamloops Banquet. **Bring auction items please!** (books, handmade items, jerky, T-shirts, artwork, trips, . . .). Twenty percent of the proceeds from the silent auction benefit the endowment fund and eighty percent benefit student activities. Thanks for your past and future support!!

PNW Award Nominations

By John Buckhouse, Awards Chair, Corvallis, OR

The Awards Committee is pleased to note that several excellent nominations have already been received. We believe, however, that one can never have too many nominations! If you would like to nominate a candidate for consideration for either the Exemplary Service Award or for the Trail Boss Award, please do so now.

This is meant to be a “user friendly” process. The committee will accept nominations in any format. All that is necessary is that you simply send a letter to the chairperson, nominating your candidate (a few details will help, but are not required) and the committee will take it from there!

Please send your nominations to John Buckhouse, Awards Chairperson, Department of Rangeland Resources, OSU, Corvallis, OR 97331 or email at John.C.Buckhouse@orst.edu.



Award
nominations must
be received by
September 1st
to be considered
this year

Distance Degree in Natural Resources now Available

By Bob Ehrhart, OSU Rangeland Resources Department, Bend, OR

More than twenty students in Central Oregon are working toward B.S. degrees in Natural Resources (NR) at the new OSU-Cascades Campus co-located on the COCC (Central Oregon Comm. College) campus in Bend. Another 50 students across the nation—and world (Okinawa, Germany, Italy, West Indies) — are taking distance courses for the same degree. Individuals who already have degrees are taking courses for professional development. To support such efforts, SRM has agreed members can receive continuing educational units for many of the NR-related courses.

The B.S. in Natural Resources provides students with a broad background in biological and physical sciences, mathematics, statistics, resource management and economics, as well as the social and political aspects of resource management and policy. In addition to the Baccalaureate Core courses required of all OSU students, the NR curriculum is divided into three areas: (1) NR Core courses include mathematics, statistics, biology, ecology, atmospheric, earth and water sciences, resource policy, economics, and decision making; (2) Students must take one course each from the areas of forestry, range, fish and wildlife, social and political, values & philosophy, land and water, and amenity uses to meet the Breadth requirement; and (3) Specialty Option is 50 credit hours hand-crafted to meet a student’s interests and background.

While the OSU-Cascades campus is only a year old, the distance component of the NR program has been available for several years. The purpose is to make higher education in this field available to individuals who are unable to access college. A key goal of the distance program is that the quality of the courses must be equal to, or better than, similar courses taught on campus. Unlike many distance education programs, OSU distance students start and finish their courses at the same time as on-campus students. Within those parameters, there is considerable flexibility to adjust to their own schedules.

OSU provides courses from 5 colleges and 21 academic departments to support the NR degree. These courses are delivered by a mix of video, internet, individualized learning, interactive live television, or in traditional classes on Cascades Campus. A detailed description of the distance NR program is available on the web at ecampus.oregonstate.edu/degrees/bachelors/naturalresources.html

Questions about either the Cascades or distance Natural Resources programs? Please contact Bob Ehrhart, program leader for both components by e-mail: bob.ehrhart@orst.edu or phone: 541-322-3130.

PNW Section Elections 2002

Vice President Nominees – Vote for Two (2) by September 23

The four VP nominees are Les Boothe, Bob Drinkwater, Kevin Guinn, and Will Keller

Les Booth, Lakeview, OR

I am a BLM Range Management Specialist and president of the Southern Oregon Chapter of SRM. Thanks to everyone who came to the fall meeting in Lakeview. Our chapter really enjoyed hosting it. Getting together to exchange stories and ideas is one of the best aspects of SRM and needs to be supported and promoted both inside and outside the Section.

Following school at Wyoming and Colorado, I did vegetation inventories and land reclamation in the mining industry, and then transferred to BLM. I spend most of my free time with my kids either coaching baseball or fishing.

Rangelands are diverse and complex; the issues facing us are difficult with elusive solutions. Decisions about rangelands will be made whether we get involved or not. PNW must pursue an aggressive outreach that attracts membership, educates the public, and engages in the discourse about range related issues. Only through better communication and cooperation can we protect and improve rangelands while reducing legal battles that cost money and do little for the range.

I believe PNW Section can improve both the rangeland and SRM with more aggressive outreach to the traditional rangeland users who strive to both utilize and improve the rangeland resource.

We must be proactive in outreach to all people who share a common interest in using and managing rangelands, and to an increasingly urban public. The S. OR chapter plans to implement the “big idea” to bring people together to work on a local ranch riparian project.

PNW Section must speak out about rangeland related issues such as management of riparian areas, noxious weeds and sage grouse habitat. With our enormous knowledge, expertise and experience, we

can provide objective opinion during the public debate. We should promote SRM and highlight success stories of range management during the last half century. We must stress the importance of collecting and applying sound scientific knowledge and understanding before drastic actions are taken with irreversible impacts on humans, habitat and wildlife. I am honored to be nominated for 2nd vice president and if elected will do my best to serve the Section well.

Bob Drinkwater, Smithers, B.C.

As Agrologist, Range Section, BC Forest Service, I work in a regional office and function primarily as an advisor to the staff in district offices. I cover a whole gambit of range activities from range tenure administration to habitat monitoring to invasive alien plant (weed) management.

My previous SRM experiences include BC Chapter director, PNW Section director and Section secretary. SRM provides me with something that I really need, an association with others who are committed to the study and management of rangelands. SRM not only meets this need, but does it in a manner that nurtures friendships. I cherish the warm friendly atmosphere that SRM operates in and the continued excellence it provides in assisting with the management of rangelands. I admire the dedication of the volunteers who run our organization, and am honoured to be asked to let my name stand in this election. I am imaginative and would enjoy applying that to PNW SRM.

For fun, I like to hike in the summer and ski in the winter. I also play the baritone horn in the Smithers community band.

V O T E
by September 23
(first day of autumn!)

Vice President Nominees, continued...

Kevin Guinn, Ephrata, WA

My work with SCS/NRCS as Area Range Conservationist and Team Range Management Specialist will take a new twist in October when I become Area Range Management Specialist for Central WA, from Canada to Oregon. (Yes, we have reorganized more than once.) Taking a break from work, I love to hike the high country in the Cascades, especially along the Pacific Crest Trail.

SRM is also a “break” from work! At one time or another I have held every office for the Mid-Columbia Chapter. I have been a PNW Section director and assisted with several summer tours & fall meetings. I’ve had National SRM Meeting committee experience -- ‘84 summer meeting at Wenatchee and entertainment chair for the ‘92 International meeting at Spokane.

I support SRM, first, because I enjoy the diversity of the members – ranchers, researchers, educators, managers, and practitioners. Second, because of this diversity, SRM has the experience, the expertise, and the know-how to deal with every rangeland resource issue.

The PNW Section has the right mission, vision & goals. We must continue striving to achieve them. We should be the voice of reason for rangeland issues and a valuable resource for decision-makers and the public. It is an honor to be considered for an office in the PNW Section. If elected I will continue the good fight!

V O T E
by September 23
(first day of autumn!)

Will Keller, Okanogan, WA

Working my way through WSU as a USFS smoke jumper, I earned a BS in Range Management. I have worked as Range Management Specialist for NRCS since then. Currently, in North Central WA, I facilitate 26 Coordinated Resource Management planning groups that include traditional livestock operations, tribal cultural plants and grazing, water rights, and endangered salmon.

This October, I will have completed two terms as a PNW Section director. Our Society is beginning to recognize some of the basic values from rangelands, those being open space and water. All of us will be dealing with non-traditional publics in the future, if we are not already. This will be our challenge! I would look forward to guiding us to accept that challenge.

Likely as not, you will see me showing up at SRM summer meetings (to address the challenge) on my old black 1949 Vincent motorcycle – the fastest standard motorcycle from 1948 to 1973!

Register
for
Kamloop

PNW Section Elections 2002

Director Nominees – Vote for Two (2) by September 23

The five Director nominees are Darren Bruhjell, Dana Peterson, Nancy Phelps, Joe Wagner, and Desi Zamudio

Darren Bruhjell, Kamloops, B.C.

I have been employed in the environmental field for nine years. Prior to my work as Range Specialist with the Ministry of Agriculture, I worked as a private consultant, a Public Land Specialist, and as a summer Research Technician for both Agriculture and Forestry Canada. This diverse employment history, albeit short-lived, has given me the opportunity to work with a lot of great minds and people. I have participated in a vast array of studies that have varied from terrain stability and terrestrial ecosystem mapping to wildlife habitat capability/suitability studies. Even though these projects were enjoyable, I must admit the best times of my professional life have come in the past three years where I have been able to work closely with the Agriculture community and a group of individuals who not only have a passion for the ranching industry but for good science and sustainable land management.

This is why, in my opinion, the SRM is so important. It enables professionals (including those with or without degrees) to share and debate ideas, experience and research in a relaxing, hospitable atmosphere. I truly appreciate being a part of an organisation with these types of qualities. If elected, I promise to continue our traditions and serve the society to the best of my ability.

On a personal note, my passion is travelling and learning from all the sites that I see and people that I meet. I have a lovely wife Leanne, an incredible daughter Jenna, and two, yes I must admit, high maintenance lap dogs. Hope to see you all in Kamloops this October.

V O T E
by September 23
(first day of autumn!)

Dana Peterson, Wenatchee, WA

I consider the members of the Mid-Columbia chapter and the PNW section to be my mentors in Range Management. I look to these folks for thoughtful and creative answers to the challenges of managing rangelands. So it is an honor to be asked to be a director nominee for the Section.

I have been involved in SRM since my Range Club days at Humboldt State University. After receiving a Wildlife Science degree from Oregon State University, I followed my future wife to Arcata, CA where I saw the light and enrolled in Range Management at HSU. I have continued my involvement in SRM in the PNW section as a member of the Panorama and Mid-Columbia chapters. I am in my second, non-consecutive, term as President of the Mid-Columbia chapter.

My career started as a Range Conservationist with the BLM in Elko, Nevada. Time does fly. My current position is Range Management Specialist with BLM in Wenatchee, Washington. In this position I strive to develop management strategies that help maintain local ranching operations while improving the health of the land. My goal is to have the land support ranchers, and sage grouse and salmon. Professionally, I am also involved in revegetation and restoration, noxious weed control, and rangeland assessment and monitoring.

I hope that I can help to make the PNW section of SRM the organization people look to for solutions to rangeland management conflicts. SRM is a leader in the growing recognition that sustainable human activities are part of the resolution of environmental issues. SRM should continue to provide a forum for its members to share their knowledge and experience. We should continue to mentor each other. We, as an organization, should strive to share our expertise with the public. We should continue to bring together the diverse groups that share our interest in the proper management of rangelands. I look forward to helping advance the goals of SRM and serving PNW chapter well.

Director Nominees, continued...

Nancy Phelps, Lake Oswego, OR

Currently, I am the lead for the Rangeland Management Program for the Pacific Northwest Region, USFS. This is after a fairly lengthy hiatus from direct rangeland responsibilities and dabbling in such areas as realty activities, mining authorization and mine reclamation, planning (ugh!) and NEPA work.

As Dick Hart, National Director said recently, SRM has been my "invisible college." I remember one evening studying with friends in a lab in Johnson Hall at WAZZU (yes, Wazzu!) when Dr. Dingell – then sivilculture prof, came whirling into the room, admonishing us in a moderately booming voice, "You should never quit learning about your profession!!" That charge has been a voice in my head throughout my life – creating a wonderful sense of guilt that belonging to SRM helps relieve.

I would like to see SRM actively pursue involvement by some of the key officials in the federal land management agencies with the goal of improving their participation, but also potentially leading to partnerships and better visibility of the program. I would also like to see our Section help hold the federal agencies' feet to the fire on developing a consistent rangeland assessment protocol that can be used across the fencelines.

While not at work, I am running after two burgeoning teenagers. I'm very pleased to be back in the Pacific Northwest, and back with SRM and rangeland management "family."

Joe Wagner, Lakeview, OR

My entire professional career has been with BLM as a Range Conservationist in Nevada and California. I have also served as a Fire Management Officer and currently work as Fire Ecologist for the Lakeview BLM/Fremont Forest. Fire Ecology is becoming a major factor in both rangeland and forest health issues and this is where the connection with SRM enters the picture to publicize success stories. I would like to see SRM become more involved with providing a forum for rangeland prescribed burning and fire effects studies.

My experiences with SRM have been varied. I've been on the Section board in Nevada and California and chaired the Symposium Sessions for the Hawaii meeting. I have written for Rangelands (Woodland Drag Chain Seeder and 30 Years of Medusahead), served on national committees (awards and international affairs), and represented SRM in meeting with Australian Rangeland Society, International Rangeland Congress and International Grassland Congress. I am a CA Certified Rangeland Manager, and in 1999 became a Certified Professional in Rangeland Management.

I enjoy reading about western history and visiting these sites as well as fishing.

Desi Zamudio, Lakeview, OR

To provide conservation service as soil surveyor, I began working with range sites and ecological sites over 20 years ago. In the process, the SRM and its members have taught me about "trend-up" for wildlife and rangeland conservation. So in a nutshell I support SRM because SRM helps me to be a more effective conservationist!

In my job, I provide soil and water conservation products and services; thanks to the folks at UC Davis and UN Reno, who introduced me to soil, plant and water relationships. They also launched me with an orientation to bring theory to practice. Currently, I practice my craft serving the Fremont and Winema National Forests and Lakeview District BLM staff members.

For fun, I am a "water in the desert kind of guy." Lately, I have been sailing in desert lakes, such as Crump Lake in the Warner Wetlands, with my boys Tony and Peter and wife, Karen. I also have a head for numbers, so I tutor math skills in Lake County. It is a lot of work, but it is also engaging to develop and present math problems that touch our lives. Cheers, Desi

V O T E
by September 23
(first day of autumn!)

Some Thoughts on Grazing and Wildlife Habitat

By Chuck Perry, Rangelands Northwest, Moses Lake, WA

Can wildlife habitat and cattle grazing be compatible? That depends on many factors, e.g. which wildlife species, what are their habitat requirements, and how does site-specific grazing management affect those factors, both short and long term?

First, some definitions and concepts:

- Wildlife species differ in their habitat needs from extremely specific requirements, i.e. limited to very defined habitat situations, which they must have for survival, to more generalist species, which can get along in a much wider range of resource conditions.
- Limiting factors are those habitat elements in short supply, which prevent population expansion. These factors, if changed, may result in an increase or decrease of a given wildlife population. There may be many limiting habitat factors in one area. Even if one of these elements becomes more abundant, it might not necessarily result in a population increase. In addition, if a manager increases an already abundant habitat element, no change would be expected in species requiring this feature.
- Rangeland grazing is not a single thing, but an infinitely variable process, which can be applied to the landscape in many ways, with very different impacts on natural resources. Numbers, time of year, grazing period and rotation can each enhance, be neutral or degrade specific wildlife habitat features.
- Grazing impacts are variable, even within pastures, e.g. more impact on: fairly level areas, those close to water, with good soil, covered with palatable plants, etc. and less impact on: steep slopes, rocky areas, long distances from water, low palatable plant communities, etc. There may be many exceptions and additions to these general statements.
- Species using areas more intensely grazed must face changes to plant communities, water sources and other habitat elements both when cattle are present and as range conditions evolve through time. This can be a positive, neutral or negative habitat impact depending on wildlife species.

Certain grazing management, in some situations, can improve one or more habitat elements, e.g. remove some current year's herbaceous plant growth to make re-growth more available and palatable, increase forb or shrub diversity and production, increase insect production, open small sites for courtship display, change cover character for predator or prey species, change or maintain plant communities succession, etc. Each of these changes, although positive for some species in one situation, may be more neutral or even negative for other species. However, even if grazing management positively influences a habitat element, if the element is abundant and non-limiting, the grazing effect will probably have a neutral impact.

When specific grazing management changes a habitat element characteristic on which a species depends, making it less useful when needed, the grazing would have a negative impact on that species. This impact could occur during grazing, after livestock are moved, or in a different season or year. Some plant community changes might also cause secondary effects like increased or decreased risk from fires. One example would be grazing which influenced plant community development from mostly perennial herbaceous species to more annual or woody plants. This condition may degrade certain wildlife species' habitat while improving it for others. If fire frequency increased, further habitat changes would occur. Lowered herbaceous plant community height may benefit raptors hunting mice, but may not benefit mice, voles, reptiles, insects, etc., which rely on tall herbaceous cover. The subsequent spring re-growth here may benefit deer and/or elk.

There is no easy answer to this problem, because it always depends on which wildlife species are present, their habitat requirements, specific on site conditions, and grazing management used. All factors can vary widely in themselves and how they interact to affect site conditions. In many cases specific habitat factors, potential plant

community development and other information may not even be known. All these variables result in the answer, "it depends."

One may have difficulty managing land on an "it depends" answer. More practical information may require on-site evaluation to produce more useful guides. Therefore, to minimize negative and maximize neutral and positive grazing management impacts on wildlife habitat elements, consider an approach which favors diverse, healthy and vigorously producing plant communities and riparian areas. Leave enough stubble height to provide for strong, rapid plant re-growth after moving livestock to the next pasture. Manage to maintain diverse, perennial forage grasses and forbs, and at least some shrubs. Develop special management for riparian areas, which maintain dense plant cover, stream bank stability and high water quality.

Grazing management goals should provide high quality forage for livestock, as well as, in general, be compatible with wildlife habitat needs. Specific grazing management with attention to timing, seasons, rotations and year-to-year variations can benefit many species in certain situations. Area management must be based on the manager's goals, specific rangeland features, conditions and capabilities. Good forage production for livestock and wildlife habitat needs are not necessarily incompatible. By including wildlife habitat maintenance and enhancement, as one goal, and integrating this into the grazing and land management plan, it can produce good results for both livestock and wildlife.

You can contact the author at 4204 W. Lakeshore Drive, Moses Lake, WA 98837, cperry@atnet.net,(509) 765 6236.

2002 Summer Workshop at the Colockum

Thanks to the entire crew which presented the "slam-dunk" Colockum SRM Summer Workshop: Brent Billingsley, Jim Tiedeman, Chuck Warner, Chuck Perry, Edd Bracken, Tom & Kathy Brannon, Lance Davisson, Kevin Guinn, Dana Peterson, Elyse Benson, Andrea Mann, Bob Leonard & Will Keller. It was the ideal learning adventure in the "wilds", complete with rattlesnakes and hanging on to the side of the mountain for the final presentation.

A grand time was had by all! Thanks Folks! –Eds.

PNW SRM "Summer" Workshop 2003

Livestock management for fisheries habitat: A collaborative approach

**By Jimmy Eisner, fisheries biologist with Prineville BLM,
and part time member of the National Riparian Service Team**

This workshop is intended to bring together fisheries biologists and rangeland specialists to present fisheries and livestock needs, and management strategies that will provide habitat for both. The workshop will be held April 29-30 in Prineville, OR. The field trip on day two will be led by **Wayne Elmore** (of the BLM/USFS National Riparian Service Team) to look at a 25-year riparian

recovery project on Bear Creek. We will also look at some of the latest research, so if you are involved in a research project and would like to give a presentation, please contact me at jeisner@or.blm.gov or (541) 416-6753. Look for registration materials in the next PNW SRM newsletter.

Colorado State Uncovers – Catechin!

Catechin ...

- a. is a secret weapon
- b. has been a puzzle to scientists since 1832
- c. is a natural herbicide
- d. enables spotted knapweed to spread voraciously
- e. all of the above

CSU researchers have identified catechin as the chemical that spotted knapweed begins to produce and release at the slightest hint of threat or stress! Catechin is released through the root into the soil to immediately become an environmentally friendly

herbicide. It kills diffuse knapweed, pigweed, lambs quarters and other common weeds! Grasses and grass like plants show some resistance to catechin.

Identified, isolated and captured, CSU researchers have sprayed catechin on plants or added it to soil. It kills plant cells within an hour and kills the plant in about a week. Research continues. It is hoped that a spray will be available to consumers in a year or two. For more information:

<http://www.agnews.colostate.edu>

Editors' note: Thanks to Andrea Mann for forwarding this information to us.

Opportunities for Range Consultants – “TPV”

By Leonard Jolley Rangeland Mgt. Specialist, Certification Program Manager SRM

The 2002 Farm Bill (Farm Security and Rural Reinvestment Act of 2002) recently passed by the U.S. Congress points toward increased conservation assistance for ranchers that will exceed the ability of USDA to provide technical assistance in the field. The concept of a "third party vendor" (TPV) -- a trained professional who can act as consultant and intermediary -- has become very important to fill this gap. The Society for Range Management believes our cadre of Certified Range Management Consultants and Certified Professionals in Rangeland Management are a natural source for many of these TPVs. SRM became involved early as legislation was evolving, to ensure that professional organizations, such as SRM, were not precluded from having their members being given

the opportunity to be certified and provide technical assistance to USDA conservation programs. After legislation passed, SRM provided oral and written statements at USDA listening sessions in Denver and Washington, DC, welcoming the exploration of programs to identify and certify third party vendors and expressed SRM's willingness to participate in the process. In May, at the invitation of The Wildlife Society, a variety of interests, including SRM, met to get acquainted and to see what common interests might exist revolving around the third party vendor issue. This resulted in enthusiastic commitment to continue working together. *Editors' note: Thanks to Michael Borman for forwarding this article to us.*

Register
for
Kamloops by

September

Upcoming Events

September 2002	Register for Kamloops by September 13
September 2002	Vote for PNW Officers by September 23
Sept. 21, 2002	WA/OR Forest Owners Field Day, :forest_stewardship@wadnr.gov
Oct. 3-5, 2002	PNW SRM Annual Meeting and Field Workshop, Kamloops, B.C.
February 2-7, 2003	SRM Annual Meeting, Casper, WY
April 29-30, 2003	PNW SRM “Summer” Meeting and Field Workshop, with the American Fisheries Society, Prineville, OR
Autumn 2003	PNW SRM Annual Meeting and Field Workshop, Washington
November 2003	Noxious Weed Control through Multi-Species Grazing regional conference
Summer 2004	PNW SRM Summer Meeting and Field Workshop, BC
Autumn 2004	PNW SRM Annual Meeting, Oregon
February 2006	SRM Annual Meeting, Vancouver, B.C., hosted by PNW Section

*Pacific Northwest Section, Society for Range Management
Caring for basic range resources: soil, plants and water*

Want to alert members to an upcoming event? Tell us who your Chapter president is? Give us your new address? Brag about another member's contribution to range management? Tell us a story? Call, write, or E-mail the Newsletter Editors! Our mailing address is at the bottom right corner of this page; phone numbers and E-mail are listed under PNW Section Officers on page 2.

PNW Section of SRM
Newsletter Editor
C/O John & Lynne Breese
3315 SE Paulina Highway
Prineville, OR 97754

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