



# 100 Valleys

*A Quarterly Publication for the Supporters of Umpqua Watersheds, Inc*

An Oregon 501(c)(3) Non-Profit

Spring 2016 | Issue 68

## From the President

Stan Petrowski

Where are we?

These are amazing and trying times in our part of the world. We are looking at the clash of cultures based in the past and the future.

The friction revealed at the Malheur National Wildlife Refuge in Burns, Oregon is but a fraction of a multitude of reactions to agency implementation of hard won public land environmental protections enacted through Federal and State law. What the conservation community sees as a common sense foundation for a hopeful and prosperous future, others see as a violation of rights and an impediment to *freedom* and wealth.

Resource extraction and public land usage proponents lean heavily on mining and land use laws rooted in the 1800's. Most live in the reality that I and many others call the "wild west". They propose the takeover of public lands by the private sector in support of individual and local government wealth. In the world of harsh reality - this mentality is the foundation of the destruction of our environment and the loss of many species in North America and the world. The fundamental idea was that if you claim it and work it for profit, then it is yours (within limits of course). In the distant past, immigrating and migrating Europeans ran "rough shod" over the landscape as if no one or anything was there to stop them.

Visionary individuals and institutions, public and private, have attempted to "put the brakes on" that mentality for over 100 years.

Those early days are gone and finally, after a couple of hundred years, we are emerging from a disastrous social delirium. One thing is for certain; the process is complicated. The usurpation of our nation's collective natural assets is a direct attack on every citizen of the United States. The idea that Federal Lands "belong" to the Federal Government is a misrepresentation. The fact is that the agencies manage public lands **on our behalf**. We, as in, "We the People", collectively own these

lands. The employees in the agencies are also citizens just like you and I. They are *us*. The agencies are bound by laws enacted by congress and policies enacted by collective social license in their management decisions. Don't be fooled. The issue here is not a violation of freedoms or the usurpation of natural resources by the Federal Government. The real issue is the pernicious age old world view that this earth is here to satiate human greed and that these lands are up for grabs. **They are not.**

The conservation and preservation efforts of many people in the agencies, across the country in the general public, within academic and non-governmental organizations and also from every region of the world needs to come to the fore at this time to declare to State, County and private interests that we will not abandon what remains of the natural world. We, as conservationists, say that what remains from the long years of destruction and wanton greed for *more*, is no longer available for private exploitation. History shows us we do not have the wisdom, knowledge or internal soul needed to apply the delicate hand of care that nature requires of us in our interactions



Poachers Killing Wolves on the Public Trust

## Our Mission:

*Umpqua Watersheds is dedicated to the protection and restoration of the ecosystems of the Umpqua watershed and beyond through education, training, advocacy and ecologically sound stewardship.*

with it. Our narrow focus on some money making commodity blinds us to the impacts of our intrusions.

As I write this I am mindful of the results in the aftermath of the harvest of Pacific Yew (*Taxus brevifolia*) bark in the forests of the northwest. Thousands upon thousands of Pacific Yew trees were cut to the ground. Many of them were hundreds of years old. These yews were left on the ground and stripped of their bark for a chemical component called *Taxol* known for its cancer fighting properties. . Even after a synthetic version of *Taxol* was developed, contracts to harvest the bark of Pacific Yew continued unnecessarily, destroying countless irreplaceable trees. The yews represented a legacy of ancient trees gone forever. I am personally aware of evidence of unabated poaching of yew wood bark during those years. I've seen what was left in the forests after the harvesters had gone on. This is only one example.

The "wild west" mentality MUST be restrained. We have open range laws still in force that allow cattle to destroy delicate riparian areas that provide shelter for fish and wildlife. In the Umpqua alone there are many instances of rare and precious plant species that were brought to the brink of extirpation by livestock grazing on public lands. Even though those practices were legal and born of ignorance, we do not fully know what we have forever lost. The ecological cost of what was done will be a burden for generations to come. I believe fully that this burden will take the form of loss of health in the wild and in our civilization. And just like our current burden as seen at Malheur - it will be a huge cost in tax dollars to repair the damage.

Then there is the dark side of the Wild West -- those bold and illegal actions practiced by wild lands anarchists who violate the public trust for their own misguided ends.

So it is that the legacy of wild abandon in the human heart, the same wild abandon that ravaged Native American villages for its own myopic ends, persists in our world and in our communities today.

Have the agencies done the best job they could do? Not really. They are made up of people like you and me -- people who are vulnerable to political manipulation, who are bound by public law, and subject to the winds of the political climate and the vagaries of needing acceptance in the communities in which their families live, the schools their children attend and the work places in which they dwell.

That said, these agencies are not made up of minds and hearts in lockstep with their coworkers or their leadership for that matter. They are made up of people like you and me - folks who, at ever increasing

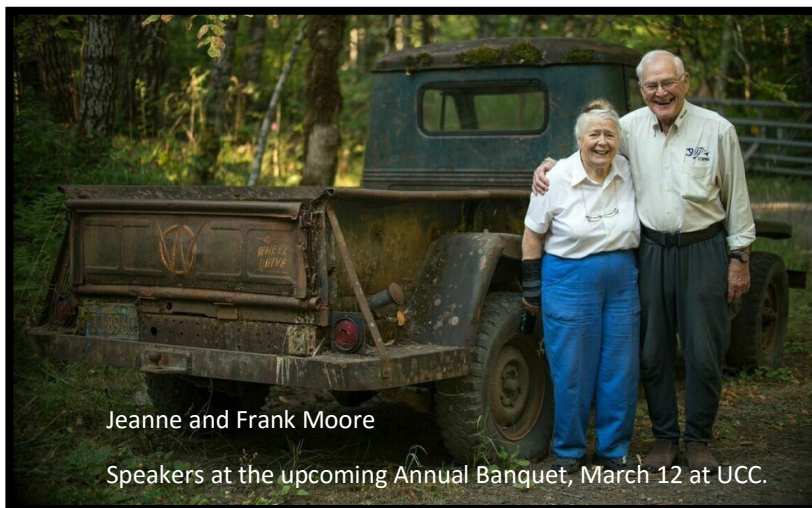
increments, have begun to realize the reckless path we as a society have walked in our wild and native places. They are made up of people who need to have the support of conservation minded people to back them when they do the right thing and to correct them when they are found outside the boundaries of their tasks. Some need to be watched. Others require understanding and dialog - and still others need outside voices that are not bound by the challenges of their agency cultures. They need voices and eyes that care.

We need not reinvent the wheel. Others have gone before us. Just like those old and rare legacy trees we get to see occasionally in the forest, we have people in our midst who have gone before us. These are people that have dedicated themselves to guarding and restoring our ecological treasures, people who, often without pay or remuneration, spend themselves and their lives' energies doing what is right for us all.

It is for this reason that I am particularly proud to be associated with Umpqua Watersheds, associated with you and people like Jeanne and Frank Moore of our beautiful Umpqua Area. These are people who have cared and taken up the task of bringing our society a little closer to reason and wisdom when it comes to the care of our place on this earth.

Frank and Jeanne Moore will be speaking at our Annual Banquet this year. It is my sincere desire for you to come and partake of the vision and heart of some of the legacy conservationists of our time. Join us, please!

Change can and does come. You are invited to come support our efforts on your behalf and on behalf of those who cannot speak to the human ear. Be with us and share with us what you have to give for the protection of our national and ecological Trust. We welcome you with open arms.



Jeanne and Frank Moore

Speakers at the upcoming Annual Banquet, March 12 at UCC.

## Board of Directors

Stan Petrowski.....President  
Anne Dorsey....Vice President  
Bekki Brownfield.....Treasurer

Cheyenne Rico.....Secretary  
Ken Carloni..... Education  
Joseph Patrick Quinn....Conservation

Alan Bunce...Outreach  
Robin Hartmann  
Kasey Hovik

## Staff

Alan Bunce...Office Manager  
Katrina Keleher...AmeriCorps  
Cheyanne Rico...CLWP Coordinator



February 8<sup>th</sup>, 2016

Dear Supporters,

Plans for the **20th Annual Umpqua Watersheds Banquet and Benefit Auction** have begun. Please save **Saturday, March 12th, 2016** and plan to join friends and neighbors in the Campus Center at Umpqua Community College to celebrate our beautiful rivers and mighty forests.

**Frank and Jeanne Moore**, local conservation legends, will be our keynote speakers and will provide a captivating overview of the early days of conservation in the Umpqua. You won't want to miss it!

**Many people share their time and energy** to make this evening a success. We are calling upon you to help us make it a financial success as well. This is your chance to contribute to this memorable event, as the funds generated enable Umpqua Watersheds to continue our pursuit toward healthy forests, clean rivers, and healthy habitat for the many wildlife species found in the 100 Valleys of the Umpqua.

**The Silent Auction** continues to grow each year with charitable donations from individuals and businesses. This can be an opportunity to "re-gift" something wonderful. Or perhaps you would like to put together an auction item with a theme; a spa gift certificate, a mellow CD and some slippers. Use your creativity and provide an item or service for the auction and/or donate money to help us with the special costs associated with putting on this great event.

**Umpqua Watersheds** is "dedicated to the protection and restoration of the ecosystems of the Umpqua Watershed and beyond." Make this your opportunity to support our mission, and make a difference in our community. Be a part of this great challenge!

Thank you for your continued support!

Sincerely,

Katrina Keleher

Environmental Education Leader, AmeriCorps member

P.S. If you have a colleague, friend or family member that might be interested in contributing or becoming a member, please extend our invitation to them or provide us with their contact information.

# ***DONATION REPLY FORM***

## **Umpqua Watersheds Gift Donation Guidelines**

Umpqua Watersheds is grateful to accept your donation to use in our fundraising activities. Our major fundraising event and largest need for donated items is our silent auction at our Annual Banquet in February of each year. However, we have a need for items at many of our events for raffle drawings, door prizes, and volunteer awards. By contributing a donation, you acknowledge our discretion to use your gift in the way most beneficial to Umpqua Watersheds.

**Dedicated to the protection and restoration of the ecosystems of the Umpqua Watershed and beyond.**

***YES! I would love to help Umpqua Watersheds by...***

**Donating the following auction item:**

\_\_\_\_\_

Value of your donated item: \_\_\_\_\_

\_\_\_\_\_ Please have someone from UW contact me to pick-up this item.

\_\_\_\_\_ I will deliver this item to the UW office \_\_\_\_\_ in person, \_\_\_\_\_ by mail.

**Donating the enclosed check or money order in the amount of \$ \_\_\_\_\_**

Name: \_\_\_\_\_ Business name: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Website/Email: \_\_\_\_\_

***\*\*Please provide promotional information (bio, flyer, business card) if you would like that displayed with your donation\*\****

**Thank you for your generous contribution!**

**We thank you for your continued support of our valuable work.**

*Umpqua Watersheds is a non-profit 501 (c)(3) organization. EIN 93-1165587*

**PO Box 101, 539 SE Main Street, Roseburg, OR 97470 • 541-672-7065**

**uw@umpqua-watersheds.org • www.umpquawatersheds.org**



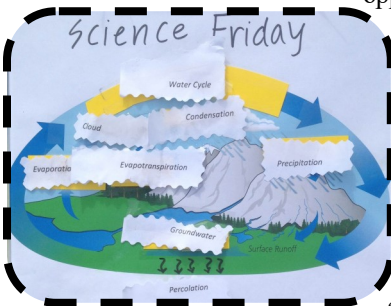
## EDUCATION UPDATE

### Ken Carloni, Education Chair

I'm happy to report that as the new year begins, UW's flagship education programs are in full sail. The Education Committee has been working hard to fund and guide these innovative initiatives, and we're pretty darn proud of the results. I'd like to give you a snapshot of where we are, and some ideas we have for the future.

Our **Learn, Earn, and Serve** program will put another 12 youth in the field this summer working with Forest Service scientists -- double the number of past years. This innovative UW partnership with UCC, Phoenix School, Oregon Youth Conservation Corps, and others has connected crews of 17-24 year-olds with public land management professionals, and put them on a pathway to careers in natural resources. We are seeking continuing funding from the National Fish and Wildlife Foundation for next year's crew, but if we are successful again, this year's request includes another AmeriCorps position to be housed at UCC to serve as an advisor/mentor for natural resources students to guide them along the "Umpqua Natural Resources Pathway" from high school to an Associate degree at UCC (see below) to a Bachelor of Science in Natural Resources from OSU.

Our **Science Friday** program (and Science Mondays and Wednesdays at some schools!) continues to offer after-school STEM (Science Technology Engineering and Math) learning opportunities to area K-12



Douglas High School students who competed very successfully at the state level -- the only team to compete from southwest Oregon. She continues to chase that elusive grant to help her reach her goal of getting every 5<sup>th</sup> grader in Douglas County to visit Crater Lake! We are working tirelessly with potential funders to institutionalize these programs before the sad day comes when Katrina's AmeriCorps service is over...

**UCC's Associate of Science in Natural Resources Program** is off to a solid start! We are rolling out new courses as new terms begin including NR 201: *Introduction to Natural Resources*, taught by USFS Botanist Bryan Benz; NR 251: *Principles of Fish and Wildlife Conservation* taught by Wildlife Biologist Cindy Haws; NR 295: *Environmental Dispute Resolution* taught by former Umpqua NF Supervisor Cap Caplan; and NR 243: *Historical Ecology of PNW Landscapes* (my class). This coming spring term we will offer SOIL 205/206: *Soil Science* taught by BLM soil scientist Joe Blanchard. I will continue to teach my face to face Field

Botany class along with the hybrid field course I've been operating for the last 4 years. In addition to BOT 204: *Flowering Plants of SW Oregon and N California*, students may also take my new NR 141: *Tree and Shrub Identification* class on the same tour. Our tried-and-true learning experiences along this inspiring 900 mile loop will also include two new and spectacular campsites in the Redwoods. Kasey Hovik and Janice Reid have been leading efforts to develop a new Science and Environmental Education Seminars (SEEDS) program at UCC designed to engage high school students and their parents in learning about opportunities to get involved in the NR program.



**No Child Left Indoors!** Alan Bunce, Thomas McGregor and Katrina Keleher will again be organizing this year's *Twin Lakes Youth Campout*. This long-running UW event has touched the lives of hundreds of kids, many from urban settings who never knew there were THAT many stars in the sky. By the time you read this we will have just come back from a Valentine's Day snowshoe hike at Crater Lake with UW friends and homeless kids from Casa de Belen -- with Alan's outreach efforts, we are creating more and more opportunities for kids with challenging backgrounds to learn and heal in the majesty of wild places. Thomas has put his impressive strategic talents to the wheel to help us pull together partnerships among educational, government, and community organizations that are unprecedented in the recent polarized history of our community. The grants we receive through these coalitions have created countless opportunities for at-risk youth.

**Get Involved!** We are always looking for more volunteers for our programs, especially folks with experience in the teaching/learning/funding fields. Katrina can always use volunteers of any background to help her out in the classrooms, and adults who model a reverence for nature are most appreciated at the Youth Campout and at other youth-inclusive events. Or take one of the new Natural Resources classes at UCC -- tuition is half-price for those who simply want to audit a class for their own enrichment. Your presence will help grow enrollments and will add your unique perspectives to discussions of the roles of natural resources in society. Contact Katrina, Alan, or me to find out more about opportunities to make a positive difference in the lives of area youth.



Observing the environmental views expressed by some citizens of Douglas Coun-

## Conservation Corner

by Joseph Patrick Quinn

ty and environs from the lonely orbit of the brave ship UW Conservation, a panorama is revealed that sometimes looks like this: there are folks who clearly recognize that the intrinsic and varied worth of standing, ecologically functioning forest, represents its true highest value. They are keenly aware that structurally diverse forests are vitally important to them, to our beleaguered watersheds and to all of the other life forms such high quality forests support. Clean air, cold water in abundance, biodiversity, carbon sequestration and climate change mitigation, recreation, the aesthetic wonder of intact view-sheds and, yes, an environmentally appropriate volume of wood products derived without violating the immutable laws of nature. These and more represent true, lasting worth to those individuals and the communities in which they have long played an active part.

Conversely, there are others, a few of them holding leadership positions in local, state and federal governments and in the industrial timber industry, who appear to discount the several attributes of such an inherent and irreplaceable natural sylvan treasure, if they consider them at all. While attitudinal distance may distort our view in somewhat the same way that altitude might, we cannot help but conclude that, for these leaders and the people who continue to listen to and accept their outdated, self-serving rhetoric, the ready cash to be acquired, in the short term, from exploitative forestry management stands fairly alone as the principal value worthy of consideration, however ephemeral and quickly dissipated such monies may, indeed, be. For evidence that this unfortunate perspective still obtains, one need only look at how our county parks and land departments have treated Busenbark Park and other local public timber lands. Worse yet, a drive along almost any of the highways and byways of Douglas or Coos Counties will reveal numerous large clear cuts, with more seeming to disfigure our precious watersheds, regularly.

We, the dedicated members of the UW family, know that landscapes which successfully support a broad array of living forms, plant and animal, will likewise support us. On the other hand, management practices that destroy structurally diverse forest lands, in the process reducing and simplifying them, biologically speaking, to monoculture plantation stands, do not enhance the health of our watersheds; rather, they sicken them, often seriously. The very soil that hosts the roots of towering trees cannot be considered a long term, reliable source of plant nourishment if it is repeatedly compacted by heavy machinery; if its nutrients are continuously withdrawn without the necessary ongoing biological reinvestments in its vitality, nor if it is repeatedly soaked with toxic herbicides. And, as is well known, petroleum based fertilizers do not improve long term soil viability, they are merely a quickly dissipated and artificial prop whose



questionable benefit is in no way sustainable. Their repeated and widespread application does not compensate for the chronic, long term circumvention of natural restorative processes. Today, no one should make the mistake of confounding ecological sustainability with "sustained yield" forestry as it has been practiced in the past across lands managed by the BLM, the Forest Service or the private sector, nor as it continues to be practiced on private holdings, to this day. Fiber farms are not real forests. These monoculture plantations are cheap imitations that never have and never will substitute for the real thing!

Thus the critical ecological importance of our public lands, particularly those held in trust by Federal agencies within or adjoining the infamous checkerboard of alternating public and private ownerships. These are the very forest ecosystems in whose management, conservation, restoration and exploitation we the people of these United States have a legal legitimate say, and rightfully so. We human beings and our societies ask a lot of these public lands. Our counties insist the O & C timber lands contribute several times more in harvest revenues to government coffers than is required of comparable or better private industrial forest holdings. Mill owners demand an increased and constant flow of timber while a tremendous volume of unprocessed logs is exported to our commercial competitors in Asia. At the same time, we have tasked our public forests with virtually the entire burden of maintaining and restoring threatened and endangered terrestrial and aquatic species.

UW expects the BLM to publish its Resource Management Plan for Western Oregon (aka WOPRjr.) as soon as May of this year. While hoping for the best, unfortunately we fear further inappropriate harvest demands will be asked of our already degraded watersheds. We worry, as well, that hard won and long delayed riparian buffers included in the belated protections afforded our streams and rivers by the Aquatic Conservation Strategy of the Northwest Forest Plan will be significantly reduced in order to supply this potential desired increase in harvest volumes. As reported in the media, the Association of O & C Counties is threatening to sue BLM if its ecologically damaging extractive demands are not in accord with that association's short sighted expectations.

Consequently, it is critical that all concerned and environmentally aware citizens, as participants in common ownership, recall that they have a critical stake in public lands management, and to remember that very ownership stake entails a subsequent common responsibility. In a very real sense, these Forest Service, BLM and other state and county lands are a priceless asset we, the citizens of today, hold in trust for all future generations. Each environmentally attuned citizen of Oregon must speak up and do all that he or she can to shoulder his or her individual share of this existential obligation.

If nothing else, and in no uncertain terms, let your county commissioners, representatives in the state legislative and executive branches and Oregon's congressional delegation



know how opposed you are to continuation of the unfair and badly unbalanced demands the long out dated 1937 O & C Act imposes upon those public forests that are an increasingly important part of our common inheritance. Demand they reinstate reasonable timber harvest taxes on the vast industrial forest holdings of Oregon; revenue obligations comparable to those required on the same or similar ownerships in neighboring Washington State. Let them know that you see through those phony pro-clear cut television ads produced by

the Oregon Forest Resources Institute and paid for by the Forest Products Harvest Tax, a levy imposed on all holdings, public and private. Communicate to your elected leaders how dissatisfied you remain with the inadequate environmental "protections" of the Oregon Forest Practices Act. Stand up and back what you believe! Our children and grandchildren and all of our blessed progeny will surely thank us if we do our very best to uphold this sacred trust responsibly and faithfully. If we do not, they will surely wonder why we were so very remiss.

---

UMPQUA WATERSHEDS  
20th Annual Banquet & Silent Auction  
**A NIGHT WITH THE STARS  
OF CONSERVATION**



**FRANK AND JEANNE MOORE**

*Saturday, March 12, 2016*

*Umpqua Community College Campus Center*

*Social hour 5:00pm*

*River Rush Catering Buffet 6:00pm*

**TICKETS AVAILABLE AT UMPQUA WATERSHEDS**

**539 SE MAIN STREET ROSEBURG,**

**WHILE AWAY BOOKS ROSEBURG, HARVEST BEER BREWING WINSTON, COMMONWEALTH**

**GARDEN SHOPPE CANYONVILLE, AND ONLINE AT [WWW.UMPQUAWATERSHEDS.ORG](http://WWW.UMPQUAWATERSHEDS.ORG)**

**TICKETS \$30 IN ADVANCE \$35 AT THE DOOR**

# Restoration Committee

## Talk Talk Talk

It is truly an exciting time to be engaged in restoration ecology. There is a growing recognition by multiple stakeholders that “something needs to be done.” That being said, we are faced with some serious issues if any genuine results are to be realized.

The old (and in my opinion stale) lines of demarcation are still drawn in the sand when it comes to views on land management. The industry still looks at the forest as a commodity to be exploited with disregard to the impact of that exploitation on air, water, wildlife, and fish. The realities of Federal and State laws are forcing the industry to pay attention to the problem.

On either side of that line there is a growing awareness that it is inappropriate to just take, take, take, take. Management practices of bygone days are no longer socially acceptable. There's a long way to go. As mentioned many times before in our newsletter, current management practices are going to cost citizens large amounts of money via State and Federal expenditures over time. Our ecological debt as a society is a burgeoning burden that continues to grow.

Still there is dialogue taking place that is both hopeful and difficult at times. Monumental culture gaps exist between interested stakeholders. This in turn cultivates an incredible amount of mistrust all the way around. Fortunately, there is enough mutually beneficial common ground to allow for talk.

### Current Conditions - Novel or Natural

Recently I attended a meeting that highlighted the negotiation process with regard to a large restoration project. Several scientists attended and presented their ideas on the benefits and adverse impacts of restoration projects. One presenter described the unnatural conditions that exist on large swaths of public lands as “novel”. I thought that was a gentle way of saying that the mess on the landscape is in dire straits. If that is what the presenter was saying - I admit that I must agree.

Look for instance at the O&C checkerboard dilemma. The BLM is mandated to manage its stewardship under current and much needed wildlife and aquatic habitat laws. Even if they had to limit all timber extraction to a bare minimum, they will never meet their habitat mandate because industrial timber practices allow for the extensive habitat removal and degradation which in essence creates ecological deserts. These “deserts” are of course the resultant landscape from clear cutting, herbicide spraying and overstocked plantation stands.

Again, we're looking at the “checker board.” In between these *novel* “desert scapes” we see lands that were formerly managed in a similar fashion attempting to rebound and sustain some modicum of naturalness. These areas are prime targets for restoration work. Judicious intervention is



required.

However, even if these federally managed lands could be brought to some semblance of naturalness, they are relegated to stand as island oases in our world. They are surrounded by *novel* (unnatural) conditions that limit their functionality from an ecological standpoint. It's better than nothing, but certainly not the best.

### Crazy Paradigm Shifts

One hugely monumental hurdle relates to a shift in understanding the natural processes. Studies have clearly shown that fire has been an important element of natural history. To reiterate our postulated position - **fire** is as important as rain for the health and well-being of our forest ecosystems. That is not how it is viewed by current land management agencies and certainly not by industrial private timber companies. In fact, the overarching policy regarding forest management is that ALL fires should be put out and put out now.

Thinking modes are slowly changing. A great example of this is last summer's Stouts Creek fire. That raging firestorm consumed thousands of acres of industrial plantation stands and their adjacent late successional reserves. Apart from the huge sums of money spent to put out the fire, other interesting, if not costly, lessons were learned.

In the height of fire season Grayback Forestry implemented a procedure called a “burn out”. (Not to be confused with a “back burn”.) They were able to create a well-managed *black line fire break* as a tool to halt the advance of the wild fire. In a steep, roadless, fire prone area. A fire break was created in order to confine the fire and manage its intensity. Kudos to them! We are finally catching up to ancient Native American methods of being blessed by fire.

My point here is that fire must be restored as an integral part of forest management. It's too expensive **not** to have it in our restorative tool box. It is far less expensive to manage a fire than it is to put out a fire storm. The challenge is for society to embrace fire as a management tool and for firefighting agencies to be proactive instead of reactive to fire in the forest.

### Beaver Ecology

Another example of thinking modes that are slowly changing is beaver ecology. Standard practice has been to use lethal management practices regarding this incredibly important keystone species. It has been known for a long time that the beaver's status as a predator in the State of Oregon was simply a tool to allow anyone anywhere to shoot the animal because of its ingenious ability to store water where we don't want it.

The question is - what have we spent as a society on building dams? At this stage of our understanding we are not able to take them down fast enough because of their adverse ecological impact.



Rather than learning to live with nature, our society has historically decided to “control” nature. Don't get me wrong. I have no problem interfacing and interacting with nature to achieve a mutually beneficial end. Aren't we better suited to search out the meaning of each role that a natural wonder plays in the grand scheme of things and designing our interface with it in a mutually productive way -- in a way that clearly shows our integral part of the natural whole? History will decide.

In the meantime Umpqua Watersheds is devoting itself to the discovery of sound restoration practices with a keen eye on our intervention and its unintended consequences. We are learning and earnestly seeking to play 'catch up' because we as a species are way behind the curve.

## League of Umpqua Climate Youth

League of Umpqua Climate Youth (LUCY) Founder, Alex Loznak, and current LUCY leader, Jacob Lebel, will soon have their voices heard in their fight for the environment. They are among the twenty-one young Americans who, along with climate scientist James Hansen, are suing to compel the government to take dramatic action on climate change. The case has attracted attention both from powerful lobbyists in Washington and environmental activists around the globe. The case will be heard on March 9th, 2016, at the U.S. District Court in Eugene at 10:00 a.m.



The youth are backed by Our Children's Trust, a group that has organized similar suits against state governments around the country. The group believes that activists have to challenge US climate policy in the courts in order to protect what they see as younger generations' constitutional right to a habitable planet. Similar cases have been successful in Pakistan and the Netherlands. Because the courts are comparatively insulated from the special-interest money that floods congressional and presidential races, they are well-positioned to give a shove to our federal government, which has responded to climate change more slowly than other developed countries.

The case has proven to be potentially damaging to the fossil fuels industry, as they have joined the case as defendants. The National Association of Manufacturers, the American Fuel & Petrochemical Manufacturers and the American Petroleum Institute will now be arguing alongside the Obama administration that the young people don't have a case.

The youth are not without allies of their own. Two major Catholic groups, one of which includes Pope Francis, announced their support for the youth by filing an amicus brief with the court. They argue that “government's failure to address impending catastrophic harm violates the basic constitutional public trust duty... to protect resources crucial for future human survival and welfare”. Pope Francis called for “the establishment of a legal framework which can set clear boundaries and ensure the protection of ecosystems.”

The district court judge will hear arguments on March 9th and rule on whether or not the government and fossil fuel industry lobbyists are correct that the case should be thrown out. Should the youth win, a court would order regulators to use climate science to draw up plans that would quickly scale back America's fossil fuel emissions before the Earth warms past critical tipping points.

Please join us in Eugene on March 9th to show your support for these brave youth as they fight for their future. Contact our UW office for more details.

### AmeriCorps Voice

By Katrina Keleher



Umpqua Watersheds' education programs are in full bloom. Science Friday began in January at McGovern Elementary School. A new team of 6<sup>th</sup> graders have accepted the challenge to become Science Friday Climate Scientists, thanks to a grant we received in April from Bessie Minor Swift Foundation. The students will be collecting their own weather data while analyzing current weather trends with past and projected weather and climate data. We will be creating a class blog detailing our methods and findings at the end of April, so keep your eyes peeled for the website link when you're browsing on the web these next few months.

Congratulations to UW's newest student leaders!! UW's Science Olympiad at Douglas High School voted Susan Jarvis and Taylor Krussow as team co-captains, Noah Casey as team treasurer, and Emma Myers as team tutor. Under this new student leadership, the team is gearing up for a successful competition at Oregon State University on Saturday, April 8<sup>th</sup>. UW members and supporters are invited to attend the competition to cheer on these young scientists as they compete in several STEM (Science, Technology, Engineering and Math) events for the Oregon state title.

In the words of a very interesting—or perhaps the *most* interesting man—in the world (Alan Bunce), I am now in my “fourth quarter” here at UW as an AmeriCorps member. In these final six months, I am focusing on making sure our education programs will be sustainable and thriving for years to come. I am working to refine lesson plans, maintain our strong partnerships and form new ones with local schools and organizations. I foresee a robust and healthy future for UW's education programs. I see a future with more education staff that will deliver our programs to more and more youth in Douglas County, and a future with enriched environmental literacy amongst our local youth.

As always, we are looking for education volunteers! Send me an e-mail at [Katrina@umpqua-watersheds.org](mailto:Katrina@umpqua-watersheds.org) if you would like to learn more about our programs or lend a hand as a program volunteer. My volunteers are often thanked with a couple of starbursts, and I have even been known to supply chocolate on special occasions...



## A Perfect Storm

By Al Bunce  
Outreach Coordinator

A few weeks ago, a perfect storm of sorts happened in SW Oregon that went unseen by most. Fishing and conservation legends, with ties to Umpqua Watersheds, came together amid their busy schedules to share time fly fishing on the waters that they have fought so long to protect.

Patagonia Founder Yvon Chouinard and Tom Derry of the Native Fish Society travelled to Roseburg to meet with local legends Jeanne and Frank Moore. The group proceeded to the Elk River, near Port Orford, as fishing reports were positive.

Anyone who knows anything about fly fishing knows of the Moore's and the Steamboat Inn, which they built and ran for many years. Jeanne and Frank have been lifelong supporters of sound aquatic and terrestrial ecology and conservation in the Umpqua and beyond. We are excited to have them as our featured guest speakers at this year's annual Banquet and Auction on March 12<sup>th</sup>.

Yvon Chouinard is a passionate fly angler who has done well in the business world, giving much of it back through a myriad of environmental efforts. With at least 1% of Patagonia sales going to hundreds of grassroots environmental groups around the world, they have given in excess of 70 million dollars since 1985. We are a proud recipient of their grassroots grants program, which helps fund our Crater Lake Wilderness Area Proposal campaign.

Tom Derry, a fly fishing fanatic and conservationist from Mollala, Oregon is the Director of Wild Steelhead Funding at the Native Fish Society (NFS). He often works with our current President, Stan Petrowski, who is the NFS River Steward for the South Umpqua River.

The group converged at the home of their gracious hosts, Bill and Thelma Foster, then set about their quest. The weather, a blustery coastal squall, forced most anglers off the water, but the group persevered. Success was limited the first day, with several fish proving to be tough, worthy opponents, but the anglers honed their tactics and patterns for the next few days of fishing.

The following days proved fruitful, with over a dozen wild and hatchery Fall Chinook landed, a success by any angler's measure. Yvon, who has fished the world over, was heard to exclaim "Where has this river been my whole life?" Harvesting several hatchery fish, they helped keep the wild runs healthy, and had ocean-bright



fish to take home.

The trip was a testament to the quality of our streams and fishing in Oregon, a reminder that conservation and restoration help keep them so, and a payoff to some of the folks that have spent their lives protecting them

## Get Involved! Join a Committee.

### **Education Committee Meetings**

**When:** 2nd Tuesday of Every Month, 6:30pm

**Where:** Umpqua Watersheds Office, Downtown Roseburg

**Contact:** Ken Carloni - ken.carloni@gmail.com

### **Restoration Committee Meetings**

**When:** 3rd Tuesday of Every Month, 5:00pm

**Where:** McMenamin's Roseburg Station Pub

**Contact:** Stan Petrowski - Stanley@surcp.org

### **Wild On Wilderness Committee Meetings**

**When:** Last Wednesday of Every Month, 6:00pm

**Where:** Umpqua Watersheds Office, Downtown Roseburg

**Contact:** Bob Hoehne - oho937@hotmail.com

### **Outreach Committee:** Contact Alan Bunce at

alan@umpqua-watersheds.org or office 541672-7065.

**League of Umpqua Climate Youth (LUCY):** young adults dedicated to changing the environment for their future meets on the first and third Tuesday of each month.



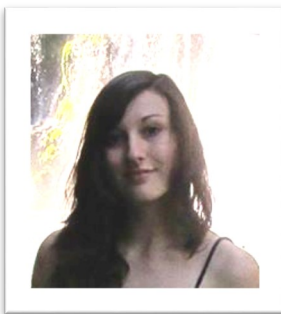
## Wild on Wilderness (WOW)

As the most local conservation organization to Crater Lake Wilderness, we feel it is of the utmost importance to address local concerns and misinformation. The opposing resolution first presented by the Douglas Timber Operators in November 2015 has now been signed by the Douglas, Klamath, and Jackson County Commissioners and has resulted in the Roseburg Chamber of Commerce urging their members toward opposition.

Unfortunately, this resolution is gaining support due to some statements which are false or misleading. Please review the resolution found on the Diamond Lake Resort website at <http://www.diamondlake.net/home.aspx> and send questions or comments to [crater-lakewilderness@gmail.com](mailto:crater-lakewilderness@gmail.com). Wild On Wilderness (WOW) is currently focusing on the Diamond Lake area and are hoping to meet soon with the owners of the Resort and the Homeowner's Association. We hope to address misinformation within the resolution, gain mutual understandings of concern and form collaborative solutions.

WOW also has some events coming up, so mark your calendars! On March 30th WOW will be hosting local author William (Bill) Sullivan from 6:00-8:30pm at the Douglas County Library Ford room in Roseburg. Bill has authored 18 books including a five book series of Oregon and Washington trail guides. He will be giving a special presentation entitled "New and Endangered Hikes Near Crater Lake" which will include photos and stories of his hiking expeditions through the proposed Wilderness. Additionally, we will be hosting local outdoor recreation clubs and organizations such as the North West Rafter's Association, Edelweiss Ski Club, Roseburg Audubon Society, and others who are seeking new members and volunteers passionate about our backyard forests. There will be door prizes and light snacks and refreshments available. This event is free to the public.

Lastly, there is a fascinating and rich story about the history of the "Four ladies In Tennis Shoes" who discovered rare plants and flowers in the Limpy Rock area of the Umpqua National Forest. The four friends Yvonne Knouse, Mary Powell, Alice Parker, and the last surviving member of the group Jeanne Moore worked for years starting in the 1970's to classify and collect the natural flora of this outstanding area of the forest. After several years of this effort, they succeeded in persuading



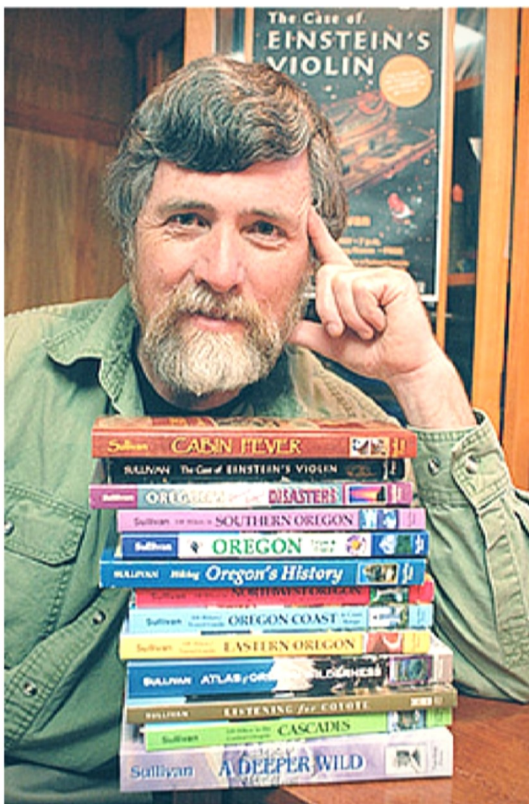
the forest staff to declare this area of the Umpqua as the Limpy Rock Research Natural Area. The Crater Lake Wilderness Proposal includes this unique habitat. We are honored to have two loved and respected conservationists, Jeanne Moore and her well known husband Frank Moore, to share this rich part of their history with us. The presentation will be held free of charge Saturday, May 7th at 2:00pm at The Douglas County Museum. Frank and Jeanne are also speaking at the UW Annual Banquet on March 12 at UCC.

We encourage each of you to become involved in the Crater Lake Wilderness campaign. Help us protect Crater Lake as Oregon's legacy. Help safeguard clean drinking water and preserve the intrinsic value of our backyard forests that we know and love. Simple acts of support have a significant impact. Writing letters to our congressional delegates and local elected officials, becoming a business endorser of the Proposal, or joining our Wild on Wilderness committee are all great ways to become involved. To learn more email us anytime at [craterlakewilderness@gmail.com](mailto:craterlakewilderness@gmail.com) or come visit us at the upcoming banquet and silent auction this March 12th!

## WILLIAM SULLIVAN

Presents:

### NEW AND ENDANGERED HIKES NEAR CRATER LAKE



William Sullivan, fifth generation Oregonian, is the author of 18 books including a 5 book series of Oregon and Washington trail guides. [www.oregonhiking.com](http://www.oregonhiking.com)

- Presentation
- Book Sale
- Book Signing
- Door Prizes

### NETWORK WITH LOCAL CLUBS & ORGANIZATIONS

- North West Rafter's Association
- Edelweiss Ski Club
- Roseburg Audubon Society
- Oregon Youth Conservation Corps

FREE TO ALL - SNACKS AND REFRESHMENTS AVAILABLE

FOR MORE INFORMATION  
CALL (541) 672-7065  
Sponsored by While Away Books

WEDNESDAY, MARCH 30TH 6-8:30PM  
DOUGLAS COUNTY LIBRARY FORD ROOM





# Umpqua Watersheds Business Partners

## Umpqua Watersheds sends a Big THANK YOU to all our Business Endorsers

**Brandborg Vineyard and Winery**  
541.584.2870 [brandborgwine.com](http://brandborgwine.com)

**Commonwealth Garden**  
541.839.6067 [commonwealth452@gmail.com](mailto:commonwealth452@gmail.com)

**The Harvest Store**  
541.679.4524 [www.harveststore.biz](http://www.harveststore.biz)

**James A. Arneson, P.C.**  
541.378.4674 [arnesongroup.com](http://arnesongroup.com)

**Medicine Flower**  
541.492.1607 [medicineflower.com](http://medicineflower.com)

**Newcastle Solar**  
541.396.2100 [newcastlesolar.net](http://newcastlesolar.net)

**O'Sullivan Distributing /Dean Sullivan**  
541-680-6677 [www.zirconazul.com](http://www.zirconazul.com)

**Patricia Ferrell-French, Attorney at Law**  
503.656.4154 [willamettelaw.com](http://willamettelaw.com)

**Kaul Family Chiropractic & Massage**  
541.672.8831 [kaulfamilychiropractic.net](http://kaulfamilychiropractic.net)

**Umpqua Spine and Sports Medicine**  
541.677.9700

**Richard Chasm, Timberland Owner**  
541.430.2161 [Richard.chasm@earthlink.net](mailto:Richard.chasm@earthlink.net)

**Golden Construction, John Hunter**  
541.679.4303

**River Sounds Music**  
541.679.7077

**River's Edge Winery**  
541.584.2357 [riversedgewinery.com](http://riversedgewinery.com)

**Sutherlin Veterinary Hospital**  
541.459.9577 [sutherlinvethospital.com](http://sutherlinvethospital.com)

**While Away Books**  
541.957.1751 [whileawaybooksespresso.com](http://whileawaybooksespresso.com)

**Wild Rose Vineyard**  
541.679.1433 [wildrosevineyard.com](http://wildrosevineyard.com)

**Workmates Copy Center**  
541.673-5506 [workmates@rosenet.net](mailto:workmates@rosenet.net)

**FCR**  
541.229-7956 [www.gofcr.com](http://www.gofcr.com)

**Roseburg Family Medicine**  
541.677-6599

**Ubuntu Gardens**  
[www.ubuntugardens.com](http://www.ubuntugardens.com)

Please Join as a business endorser, \$125 for one year - All Contributions are Tax Deductible. Call: 541.672.7065

Be sure to  
Join or renew  
your membership

NONPROFIT ORG  
U.S. Postage  
PAID  
Roseburg, OR  
Permit No. 18



RETURN SERVICE REQUESTED

