



100 Valleys

A Quarterly Publication for the Supporters of Umpqua Watersheds, Inc

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

Winter 2013 | Issue 59

NATURAL RESOURCES YOUTH CREW: ITS BIRTH, DEATH AND RESURECTION



by Ken Carloni

You have read in past newsletters about Umpqua Watershed's initiative to build a "Earn, Learn and Serve" model for educating and training youth for jobs in Natural Resource Management. The 2013 program was an unqualified success, and plans are being made for funding

and hiring next year's crew. But the project took a long, strange journey from the time the initial Title II funding was awarded until UW began putting paychecks into the pockets of our crew and their leader. Here's a brief history of that saga, and a report on its happy ending.

In August 2012, Umpqua Watersheds' Director of Operations, Kasey Hovik, wrote a successful grant for \$35,000 to the Forest Service Resource Advisory Committee for UW to partner with Phoenix School, Oregon Youth Conservation Corps (OYCC), the South Umpqua Rural Community Partnership (SURCP), Umpqua Community College, and the Umpqua National Forest (UNF). Our proposal was to hire and train 6 youth to work side-by-side with agency resource experts doing biological surveys on UNF lands. We would later add the BLM, US Fish and Wildlife, the Native Plant Society and the Douglas County Parks Dept. to the list of agency partners -- but that comes later in the story.

In early January of 2013, the "Grand Bargain" failed to materialize in Congress, and the "Sequester" was imposed on all government spending. So we prepared to take our 10% "across the board cut" like everyone else. We set about hiring a crew of 6 bright, enthusiastic young folks ranging in age from 18-20 and enrolling them in spring term classes at UCC in Wildlife Biology and Field Botany to prepare them for their summer jobs. We signed a contract with UCC to pay for their tuition and books.

Then, a couple of weeks into spring term, we got an email from the Forest Service. We were informed that our grant would be cut by over 25% to \$26,000. Shortly after that, that number was cut again... to zero.

So there we were, having committed UW to over \$7,000 in education costs with no grant dollars to cover them. And now we had to scramble to figure out how to pay the crew and their leader (that we had already hired) the wages that we had promised them starting that summer.

Thomas McGregor (UW President and Natural Resources teacher at Phoenix School) worked closely with Ron Breyne, the school's Executive Director, to tap re-



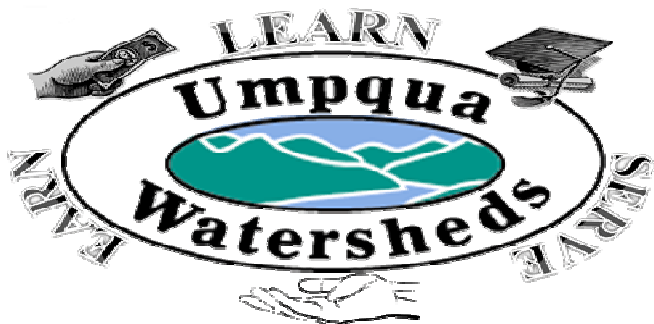
Our Mission:

Dedicated to the protection and restoration of the ecosystems of the Umpqua Watershed and beyond through education, training and advocacy.

serves of funds already allocated to paying summer youth crews. Umpqua Watersheds dug deep into its reserves to cover our obligation to UCC. Thomas and Roland Wang, UW VISTA Educational Program Developer, reached out to the BLM and their VISTA, Tiffany Caisse to partner with their youth crew on "Career Exploration Days" where both crews spent one day a week in demonstrations and trainings by natural resource professionals from the Forest Service, the Partnership for Umpqua Rivers, the BLM, UCC, the Beaver Advocacy Committee, and others.

The crew worked with UNF Botanist Bryan Benz on rare plant surveys (see photos), spent a week mapping plant communities surrounding the Stewart Park duck ponds with myself and Tracy Pope from the Parks Dept., surveyed down wood and snags with Josh Chapman (UNF) and Chris Foster (BLM), and collected and helped archive plants for the Douglas County Museum's herbarium collection with US Fish and Wildlife Botanist, Sam Friedman and others, from our local Native Plant Society chapter.

Our crew won high praise from the UCC instructors and agency biologists who educated, trained and supervised them along the way. We couldn't be more proud of them. One of them, Cheyanne Rico, has just become the youngest-ever member of our Board of Directors!



To all of the generous professionals noted above, and to many others who shared their knowledge, skills and passion with our crew at Career Exploration Days and other events, we offer our most heartfelt thanks: you helped change 12 young lives (including Phoenix School's BLM Crew) this summer. And you inspired the board of UW to continue to move ahead on developing more of these opportunities to help future youth Earn, Learn and Serve in the 100 Valleys.

So where does that leave us in November 2013? The good news is that Thomas and Kasey kept negotiating with our friends in the Forest Service, and through a

good faith effort on all sides, \$26,000 of our original grant has been reinstated for 2014! This means that the "Earn and Serve" portion of funding needed for next year's crew is assured (well, as much as any government funds are in these whacky political times).

And we continue to work on support for the "Learn" part of the model: The money UW spent for tuition for our crew in 2013 can't be recovered from these funds, so Umpqua Watersheds has, de facto, awarded the first scholarships in its history! This situation has moved the UW Board of Directors to establish the "Richard Sommer Memorial Scholarship Fund", named after long-time conservationist and UW supporter and benefactor (see article in this newsletter). We believe that Richard would be pleased to have his name associated with a fund that helps young folks prepare for the green jobs of the new economy.

You'll be hearing more from us about this scholarship fund in the near future.

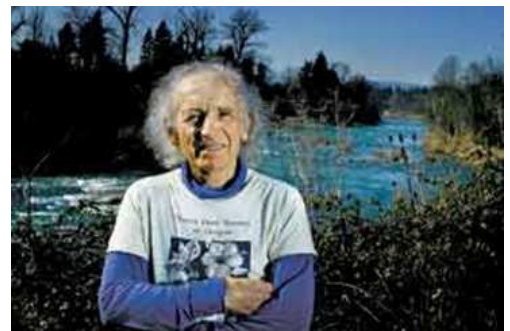
It took a village to arrive at the happy ending to this year's story. And a new chapter is coming to a forest near you! Stay tuned!

UW to Establish a Scholarship Program in Honor of Richard Sommer

Umpqua Watersheds is pleased to announce a scholarship program in honor of Richard Sommer, vineyard pioneer, life-long conservationist, and beloved member and supporter of UW. The funds will be used to support our "Earn, Learn and Serve" program (see article in this newsletter on

the front page) that educates, trains and employs youth as natural resource technicians on public lands on the Umpqua. We

think Richard would be pleased to see the organization that he faithfully supported putting innovative efforts into creating opportunities for the next generation of land stewards in the 100 Valleys. In the months ahead, we will be telling you more about this scholarship program and the ways in which you can help inspire youth and offer them life-changing experiences.



Board of Directors

Thomas McGregor.....President	Ken Carloni.....Education
Stan Petrowski.....Vice President	Kasey Hovik.....Outreach
Bekki Brownfield.....Treasurer	Ben Erickson
Patrick Quinn.....Conservation	

Staff

Anne Dorsey
Alan Bunce
Cheyanne Rico

Kasey Hovik....Director of Operations
Roland Wang..AmeriCorps VISTA

From the President...



This year was one of solid growth and success for Umpqua Watersheds. I am proud to report a continued commitment to standing firm to the conservation of our community's assets and acting towards building its future. Our efforts safeguarded habitat, educated students, and enriched the well-being of our watershed.

2013 witnessed many celebrations with our annual banquet on St Patrick's Day, River Appreciation Day this past July in Elkton and a fine convergence of Oregon's gift for craft beer at the Umpqua Beer Fest. This was a year where the conversation has centered on our public lands' future and where fire once again encapsulated daily headlines. Our voice has been at-hand on agency field trips presented before local businesses, and filled community roundtables. We have convened public forums and hosted movie screenings to engage, encourage and educate our neighbors. Letters and communications of our vision for collaborating to build a better community have been visible to others.

We seek to build appreciation of the possibilities for the Umpqua through a more developed balance of investment in the ecosystem. We must channel support to its services; wildlife, solace, timber, and clean water to name a few. The tasks ahead will not be easy and the energy needed is enormous. Please be not afraid to give your time or monetary support.

I must give a pause here to salute outgoing board members Bob Allen and Buzz Long, who have gifted us their time and energy culminating in countless hours over the years. Please accept my heartfelt thanks and sincere gratitude!

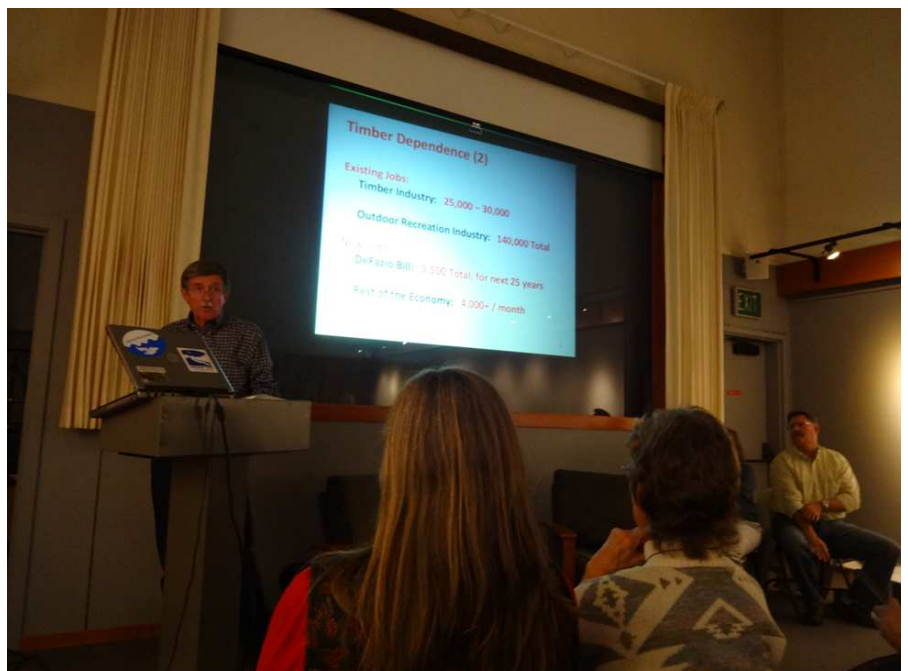
2014 will bring about the 19th year of our organization's place in the fabric of the Umpqua. We hope to grow the dialogue around restoring our lands and bringing stewardship to practice by further ensuring a buzz of activity from our office. A place which houses a cadre of staff and grassroots volunteers dedicated foremost to the ancient stands of old growth of the Umpqua. A voice recognizing how these stands must continue to tower as a beacon of appreciation and reverence for the gifts of this land.

Thomas McGregor

UW Hosts Forum on O&C Lands

On October 15th, UW hosted a forum on the future of the O&C lands. Paddy Quinn did an outstanding job moderating the discussion. Francis Eatherington from Cascadia Wildlands provided a great overview of the history of the O&C lands. Chandra LeGrue from Oregon Wild provided an overview of the DeFazio plan and its implications. Ernie Niemi, an economist from Natural Resources Economics provided a captivating overview of the economic impact of the DeFazio legislation in a presentation Niemi called "Who is buying lunch?" His analysis showed that 5,500 logging jobs would come as a result of the DeFazio plan, but compared that to the number of jobs Oregon already generates. "Every five weeks we are generating as many new jobs in this state as in all this logging," he said. He pointed out that the logging would cost Oregon in recreation and fishing jobs as well as quality of life — people don't recreate among or want to live next to stumps. Niemi said the logging would also essentially "tax" Oregonians in cleanup costs for damages such as turbid water and flooding and landslides, and it would cost the state as much as \$850,000 per acre in long-term monetary damages as more climate change-inducing carbon dioxide is released into the atmosphere.

Ernie Niemi will be our keynote speaker at the UW Annual Banquet and Auction on March 1st 2014 at UCC. You won't want to miss it!



4th Annual Umpqua Brew Fest

The Umpqua Valley village celebrated an afternoon and evening of food, music, and of course, beer, at Umpqua Brew Fest IV Oct. 19, 2013. The UBF's not the biggest beer festival in Oregon, but for those of us who love craft beer here in Roseburg and the other communities of southwestern Oregon, it's the best.



Undoubtedly the most worthy accomplishment of this year's festival was having a glass sponsor, First Call Resolution. Thanks to the persistent efforts of Buzz Long, much of the expense of hosting the UBF was paid for by the sponsors before the first beer lover walked in the door of Douglas Hall at the fairgrounds.

And once in the door, that beer lover and the estimated 1,500 others could choose among the 43 beers from 24 breweries for tasting. All told, a record 37 kegs, or 573.5 gallons of beer, were on tap.

The beer and food pairing event was taken to a higher and more entertaining level when three students from the UCC culinary arts program participated in an Iron Chef competition. The competition raised over \$500 for the Richard Sommers Memorial Scholarship Fund.

And finally, throughout the year the seven members of the planning committee spent hundreds of hours meeting monthly, then weekly, then daily to put everything together for the event, publicizing the event; soliciting sponsors, donors, and vendors; negotiating contracts, "begging" kegs; recruiting, training, and supervising volunteers; updating the website and setting up and cleaning up afterwards. And, oh yeah, they put on the show on Oct. 19 with the help of a hundred beer servers during three shifts. So cheers to Steve Bahr, Bridget Fox, Kasey Hovik, Buzz Long, Thomas McGregor, Brian Pendley, and Treva Wright-Quinn for organizing and putting on this great community event!



Wild on Wilderness Update by Susan Applegate

As we approach the end of 2013, we are witnessing the distressful aftermath of Typhoon Haiyan, the largest typhoon in the history of the world, that has laid waste to the Philippines — another casualty of global climate change, — reminding us of the importance of wilderness protection in our own backyard. The Crater Lake Wilderness proposal would create protected areas in critical tributary headwaters, protecting water quality and quantity. Water that comes from wilderness is the purest and most abundant — an asset in stemming the most threatening aspects of global climate change — warming and drying out of our headwater areas.



It would also provide a migration corridor through islands of wilderness refugia for both animals and plants responding to global climate as they migrate to higher elevations and northward.

With climate change showing affects in severity and frequency of storms, warmer weather, less rain and snowfall, there has been no response from Congress to protect our precious water resources or to expand wilderness protections. In fact in spring of 2012, the Republicans in the House of Representatives introduced The Sportsmen's Heritage Act. Although finally defeated in the Senate this year, the Bill was intended to dismantle the Wilderness Act. In the name of hunting and fishing This destructive and misleading Bill garnered spurious support from groups who have no interest in hunting, but lots of interest in resource extraction. By the way, hunting and fishing are currently allowed in wilderness areas. In fact, the best hunting and fishing occurs within wilderness. Currently, members in Congress are proposing Wild and Scenic status for The Wild Rogue and wilderness protection for The Devil's Staircase as a lever to pass legislation by placing those two bills in "The O&C Trust, Conservation and Jobs Act", that will result in clear cuts of over a million acres on O&C lands currently managed by the BLM. In addition, it would abandon laws safeguarding wildlife habitat and water quality. Holding wilderness protection hostage to a destructive piece of legislation pits wilderness against the catch line of "jobs" — a falsehood for the goals and visions of the Wilderness Act.

September 2014 marks the 50th anniversary of The Wilderness Act and we intend to do all we can to educate and appreciate the many gifts owed to this visionary legislation. The WOW committee is making plans to produce an exhibit of artwork that commemorates the 50th Anniversary. We will keep you posted as the WOW Committee continues our campaign to make the Crater Lake Wilderness a reality and strengthen in solidarity the Wilderness Act of 1964. For those interested in attending our WOW meetings, they are held the last Wednesday of each month at the Umpqua Watersheds office.

From the Director of Operations



As I write this article for the newsletter another holiday season is upon us! The magic of this time of year is that it gives us a chance to pause, reflect and celebrate the many blessings of the past year and the friends and family who made those

blessings possible. When I reflect on everything UW has accomplished in 2013 I am amazed, inspired and very grateful. We are, for the most part, a volunteer organization. The board of directors, members and partners of this organization have put in thousands of hours to enable us to fulfill our mission which is dedicated to the protection and restoration of the ecosystems of the Umpqua Watershed and beyond through education, training and advocacy. Perhaps the most prevalent theme that comes to mind in the process of describing what, how and why we do what we do is community. We are drawn together to make a positive difference in our community by speaking out and acting upon the principles of conservation which will help restore and protect the land and waters of the Umpqua Valley.

Each month UW's board of directors meet in our small conference room to review, discuss, plan and strategize how best to move the organization forward in pursuit of our objectives. It is a remarkable group where everyone brings a unique perspective, where we have healthy conversations and debates about the topics which impact our organization and our community. I am so happy to call these people my friends and am grateful to each of them for their tireless efforts in support of our community. Recently, two members of our board, who represent the heart and soul of our organization decided it was time to take a break. Bob Allen and Buzz Long stepped down from the board but remain staunch supporters of the board and will remain as valued councilors to it. Fortunately we have added two very strong board members who add their own unique skills and abilities to our mix. Bekki Brownfield came onto the board in July and is now our treasurer. Over the last five months she has done a remarkable job to manage our books. In our last board meeting we welcomed Cheyanne Rico as our youngest board member ever. She has been part of our Natural Resources Technical Crew the past two years and brings much talent and ability to the board and will help us immensely, especially in the areas of outreach

and education. Our board of directors are and always will be "heroes" in my book. I am so proud of them.

Two weeks ago I had the opportunity to attend the Collective Impact Institute in Canyonville thanks to a grant from the United Way. 200 people from nonprofits primarily from Oregon but including representatives from Washington, California, Minnesota and Texas gathered together to learn how to better leverage resources and magnify efforts by focusing on ways to collaborate on common areas of interest to improve our communities. I am proud we have made significant strides in working toward a collective impact with the work we are doing with the Umpqua Connects network started this year, our collaboration with multiple agency and community partners in our educational initiatives, our work with the Myrtle Creek Coming Home project and the great restoration work underway led by the South Umpqua Rural Community Partnership.

It has certainly been a productive year! Activities we sponsored included the Annual Banquet and Auction in March, Earth Day, Salmon Dance, River Appreciation Day, Umpqua Brew Fest, Hikes and Field Trips, Forums and Movies, the "Earn, Learn and Serve" initiative which made our Natural Resources Technical program a great success, Science Fridays, Conferences and Collaborations and the board and committee meetings which made them possible. Not only are we left with the satisfaction that these successful events had a tremendous impact on furthering our mission but it also about the relationships created in the process. We are stronger, better prepared and even more committed to make our mark in the community than we were at the beginning of the year.

Thank you for volunteering and for supporting Umpqua Watersheds with your membership and your generous contributions. Because of your efforts we have much to celebrate and much to be grateful for as we look forward to a new year.

In Your Service,

Kasey

Kasey Hovik, MBA

Director of Operations

Umpqua Watersheds

Kasey@Umpqua-Watersheds.org

Conservation Corner by Joseph Patrick Quinn

Representative Peter DeFazio's backward O & C legislation, tacked onto the even more draconian H.B. 1526, championed by Washington State's Doc Hastings, continues to threaten what restoration progress has been made on the forest



lands intensively managed by the BLM. Thankfully, in the unlikely event that this short-sighted proposal was to pass muster in the Senate, the Obama Administration has threatened a veto. However, like a slow acting poison, there can be little doubt that 1526 affects the ongoing deliberations of the Energy and Natural Resources Committee chaired by Senator Ron Wyden, exerting a strong pull toward renewed clear cutting on federal forests.

Although, as this issue of 100 Valleys goes to print, no details have been officially released by Senator Wyden's office, word has leaked out that the Franklin and Johnson "variable retention" harvest method, already modeled on BLM stands like timber sale "Buck Rising" and planned for others, may well be a favored extraction paradigm for the O & C lands under pending Senate consideration. UW's Conservation Committee feels that, given the existing and widespread fragmentation of watersheds, especially in the Oregon Coast Range checkerboard of private industrial and public holdings, the Franklin and Johnson "clear cut lite" model is decades behind the curve. Forty or more years ago, variable retention "regeneration" might have been seen as progressive. Today it may represent a good beginning on industrial lands governed by that legal dinosaur, the Oregon Forest Practices Act, they can only be seen as adding insult to injury, when so much of our forested (deforested) landscape is so deeply degraded. Umpqua Watersheds has joined forces with its sister conservation groups (local, state, regional and national) in expressing its skepticism of the variable retention harvest plan, its absolute rejection of Congressman DeFazio's O & C proposal and its sincere hope that Senator Wyden will show the same kind of spunk in rejecting pressure for renewed clear cuts on public lands that he recently displayed in questioning the wisdom of the very disturbing NSA eavesdropping activities of our government.

Readers may have attended the "O&C Forum" sponsored by Umpqua Watersheds at the Douglas County Museum by Umpqua Watersheds on October 15, 2013. Four presenters very effectively provided attendees with an overview of the O & C situation; its history and the potential fallout of a vast increase in clear cuts conducted under the pitiful protections of the Oregon Forest Practices Act. Many of the "jobs and economic" myths held up as benefits of DeFazio's plan were effectively debunked by Ernie Niemi, Senior Economist at ECONorthwest, who has gra-

ciously consented to speak at our annual banquet next year.

This was a notable summer for lightning sparked, wind driven wildfire in our region. The Whiskey Fire on the Tiller Ranger District has been characterized by the Forest Service as a "good" blaze, in that it helped reduced accumulated fuel loads. There were at least two areas of intense and almost complete burn out on the district, including some stands of mature and old growth trees. The Conservation Committee has attended post-fire tours and discussions and will participate more as opportunities arise.

The Douglas Complex was a larger and more dangerous fire, with a good deal of heavy burn on both Federal and private forest holdings. As in the past, many areas burned in a marbled pattern with a plenty of green remaining. Others burned more completely. This was especially the case on younger industrial plantations that went up like a pile of gas soaked rags. UW has been a participant at the post-fire tour and subsequent round table discussion. In both cases, your Conservation and Restoration Committees feel strongly that salvage logging must not be the primary focus of post-fire activities. The high value of stands of mature and old growth stands, even burned stands, must be recognized and protected. Indeed, UW is signatory to a letter addressed to the Secretaries of Agriculture and the Interior, emphasizing to them the importance of areas recently identified by the U.S. Fish and Wildlife Service as critical to the survival of the Northern Spotted Owl, burned or not. Yes, we believe that some careful, limited salvage, may be conducted near roads for safety reasons, with perhaps some ecology-forward salvage activities identified for non-critical areas. We do not favor wholesale salvage of entire areas with subsequent replanting to monoculture. Don't hesitate to weigh in with the agencies on these important issues. We volunteers can only do so much on our own.

UW is party to an ongoing lawsuit against the Bureau of Indian Affairs and the Coquille Tribe that was recently filed with the United States District Court, in Eugene.

At issue are clear violations by the tribal extraction team of written agreements made by them with the Congress and people of the United States, at the time of the creation of the Coquille Forest. The Coquilles have exhibited a high disregard for endangered species protection on their holdings and have violated their formal intent to abide by the environmental constraints and protections applicable on adjoining public lands. To wit: in their latest clear cut harvest plan they want to "regeneration harvest" over sixty acres of mature and old growth forest and, in the process, be allowed a "take" of some fourteen endangered Spotted Owls. In the past, the tribe has conducted regeneration harvests on the same increasingly rare, low elevation, moist, mature and old growth stands, constructing still more wide rock roads in the already fragmented drainage of the Middle Fork of the Coquille River. By agreement with the B.I.A., cur-

rent logging activity of the sale in question is on hold, with a court date predicted for some time in March of 2014.

Across the board, challenges to the conservation and restoration of our beleaguered watersheds seem to pop up with regularity. At the same time that encouraging salmon runs are trumpeted in the local media, that same media howls every week for a vast increase of renewed clear cut logging on our public lands. It is doubtful that such a radical approach can solve county funding issues. However, the approach advocated by Congressman DeFazio, County Commissioners and the Timber Industry will most certainly inflict heavy damage on recovering fish runs, clean air and water, other endangered and threatened species, wildlife in general and our quality of life. As stated before, a few volunteers cannot plug all the holes. If you are so inclined and have the time, please consider joining the fight. If you cannot spare the hours, consider a generous donation to help keep the doors open and the lights on at your home grown environmental advocacy, conservation, restoration and education non-profit.

VISTA Voice

Roland Wang

Twelve months ago I arrived in Roseburg as a newly initiated AmeriCorps VISTA member for Umpqua Watersheds following a three-day training in Los Angeles. From my VISTA As-



signment Description, I knew the duties ahead of me would be challenging and significant: to follow in the footsteps of my predecessor, Mike Rooney, and develop educational programs for at-risk children and youth in Douglas County while ensuring the sustainability of UW to protect and restore the Umpqua Basin. A daunting task made even more so by my doubts and hesitations about my skills and abilities to complete the duties. Fortunately, I found a strong network of support and camaraderie with an organization that has not only helped me through my struggles but is also one that I can call my "second home".

As I reminisce about my first year as a VISTA, I have come to appreciate the value and importance of "starting small" – to do more with less. Fueled by my admiration of the heyday of UW as well as my naivety about grassroots movements and capacity building, I had a lofty vision at the beginning of the year that by the end of my term I will have developed projects that reached multiple schools across Douglas County, teaching students environmental education through an interdisciplinary perspective that incorporated the sciences, arts, and humanities. These projects will be managed by UW and our team of volunteers and members. However, I quickly found out that my vision was very difficult to achieve in the time I

had available. Schools and teachers were already stretched thin, and there were fewer grants that support large, multiyear projects. Capacity building, it turns out, is harder than I thought.

With the encouragement of my supervisor, Kasey Hovik, and UW board members, Ken Carloni and Thomas McGregor, I decided to start small: to select an aspect of my initial vision and develop it into a project for a school. With this in mind, two projects arose: a wilderness education (WE) curriculum and an environmental education (EE) curriculum. The WE curriculum is funded by the Bessie Minor Swift Foundation and developed for Phoenix Charter School. The curriculum has the English students read and critique excerpts of works by American and Native American nature writers. The students learn about the evolution of the wilderness concept in the American mind while improving their reading and writing skills. We are refining the curriculum for the spring term.

The EE curriculum is funded by the Charlotte Martin Foundation and Wal-Mart Foundation and developed for McGovern Elementary School. The goal of the curriculum is to provide the sixth-grade students with an experiential-based learning experience on Friday when there is no school. For six-weeks each term the students will learn concepts and skills in environmental stewardship that also helps improve their science, math, and writing. With the help and support from Jenny Carloni, Tiffany Caisse (BLM VISTA), Angus Kjos (Douglas County 4-H Teen Leader volunteer), and Donna Rexford (sixth-grade teacher at McGovern), we began piloting the first six-weeks of the curriculum this past September. The theme was water and watersheds. The topics included the water molecule, water cycle, water chemistry, topography, and weather. The term culminated with a tour of the Winston Water Pumping Station that supplies the city's drinking water.

The curriculum was designed for 25 students. Dubbed "Science Friday", The News Review wrote two pieces about the EE curriculum: a front page article on September 27, 2013 and an editorial on October 1, 2013. The articles spoke to a larger issue about the impact on students experiencing a four-day school week due to budget cuts. I was relieved to read that my Science Friday project is needed in communities like Winston that are facing economic and social difficulties. It is very reassuring to know that we have positively impacted the students that regularly attended the sessions.

As I look ahead to my second and final year as a VISTA with UW, I will have a better sense of direction with my duties now that I have two educational projects developed. It will certainly be busy during the first six months with organizing the WE curriculum and the second half of the Science Friday program. (Next term will focus on the biology and ecology of the Umpqua Basin.) With these two projects, I cannot imagine how I would have managed my initial vision. I am glad I did start small and develop these projects satisfactorily than many projects inadequately.

UW to Republish Sharpe's "101 Wildflowers of Crater Lake National Park"

by Dr. Ken Carloni

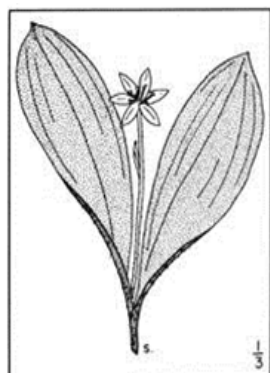
"Most visitors to Crater Lake National Park have one thing in common. They seem to have a genuine interest in learning more about wildflowers. Although many will ask about a flower they have seen, it is sometimes difficult for park rangers and naturalists to recognize the plant from the visitor's description. Since one can't take the flower to the ranger and can seldom take the ranger to the flower, this easy-to-use guide, we hope, will answer many of these questions."

So began the introduction to "101 Wildflowers of Crater Lake National Park" by Grant and Wenonah Sharpe. Published in 1959, this booklet became a favorite of visitors to the park who wanted to enrich their Crater Lake experience with knowledge of the common wildflowers. Each species was accompanied by a beautiful pen and ink illustration drawn from life with great attention to detail and arranged by flower color. A paragraph described

each wildflower in non-technical terms, and provided locations and other related information. Sadly, it is now out of print.

Bob Allen, a board member of Friends of Crater Lake and a founding member of Umpqua Watersheds, re-discovered this classic guide when Jeanne Moore, a founding member of the Glide Wildflower Show, showed it to him, lamenting that it was a shame that such a great little book was no longer available. Believing that it had passed into the public domain, Bob suggested that Umpqua Watersheds reprint the book as a funding source and a way to raise awareness of the Crater Lake Wilderness campaign.

I loved the idea, but having taught Botany for over two and a half decades, I knew right away that many of the botanical names had changed, and that some of the information about these wildflowers was no longer quite accurate. And although the Sharpes' classic drawings were of excellent quality, I felt that the book could also be enhanced and modernized by adding color photos. So in



1. QUEENCUP

Clintonia uniflora

Liliaceae: Lily Family

Flowers white, less than 1½ inches in diameter, normally one per stem; petals and sepals similar, 3 each, looking like 6 white petals. Leaves basal, 3 to 7 inches long, 2 or 3 in number, dark glossy green; margins smooth. Stem 2 to 5 inches tall, finely haired, supporting 1 or 2 small bracts. Blooms during June, often into early July. Fruit a single, smooth, blue, terminal berry which appears in late July or August. Grows at lower elevations in the park; seen along the South Entrance road, Annie Creek, and Red Blanket Creek. Also known as single-flowered clintonia.



2. STARRY FALSE SOLOMON SEAL

Maianthemum stellatum

Asparagaceae: Asparagus Family

Flowers white, small, fragrant, grouped into a few rounded clusters, terminally located on a slightly zigzag stem. Leaves alternate, clasping the stem at the base, about 3 to 5 inches long, with 3 prominent and many less prominent parallel veins. Stems 6 to 16 inches tall (taller at lower elevations). The flowers appear during late June and July; the fruit, a rounded, red-mottled berry, matures in late August. An occasional plant of shaded and open hillsides throughout the park. Also known as false solomon seal. Two other less common solomon plumes are found at lower elevations in the park.



3. WHITE BOG ORCHID

Platanthera dilatata

Orchidaceae: Orchid Family

Flowers white, ½ inch broad, numerous, sweet-scented, with a spur, a drooping lip nearly as long as the spur, two narrower petals, and three broader sepals. Leaves alternate, narrow, 2 to 8 inches in length, clasping the stem; midvein prominent. Stems hollow, erect, 1 to 2½ feet tall. Found in wet, marshy places at mid to high elevations in the park. The green bogorchid (*P. stricta* 3a), which has green flowers, may be found growing with it. Both bloom during July and early August. Look for these orchids in the Castle Crest Wildflower Garden and along other creeks and rivulets.



the summer of 2012, I began the task of photographing the wildflowers and updating the text. During two seasons of wildflower hunting in the Park, I've managed to photograph most of the species in bloom. Photos for three remaining species will be generously donated by Mike Cook, a seasonal Ranger at the park for many years, and an excellent botanical photographer.

In my research into the authors, I discovered two important facts: 1) the book had NOT entered the public domain, its copyright having been renewed in 1987 by the original authors and, 2) sadly, Grant Sharpe had passed away in 2006, but Wenonah was still living! After some searching, I was able to locate her and send her a request for permission to republish her work. In it, I described UW's efforts to protect Crater Lake and to educate and train young natural resource technicians.

I was delighted to receive Wenonah's gracious response several days later. It said in part: "I read with pleasure of your work with Umpqua Community College and with Umpqua Watersheds. I fully approve of your stated goals and methods...I am cheered by the description of your work. As you may know, Grant [a professor of Forestry at the University of Michigan and later Forest Recreation and Interpretation professor at the Univ. of Washington] taught a generation of young people, pointing many of them to careers in parks and forests here, and in other parts of the world."

We just received written permission from Wenonah to use her work in an updated guide! Editing and layout for the book is proceeding, and I have made arrangements with

Anvil Northwest (formerly Creative Images) to do the printing. We expect to have the first printing available at our Annual Banquet on March 1, 2014.

I can't tell you how thrilled I am to see this book project nearing completion. I am grateful to Jeanne Moore for recognizing the value of the book, to Bob Allen for seeing its potential for supporting UW and helping Park visitors gain a greater appreciation of its natural wonders, to Mike Cook for his willingness to allow us to use his hard-won images for furthering our mission, and especially to Wenonah Sharpe for believing in our vision enough to make her and Grant's classic work available to us without asking for anything in return. We are truly blessed by the generosity of these outstanding life-long conservationists.

Restoration and Biochar by Stan Petrowski

Restoration and Biochar:

George Washington Carver has been on my mind often as of late. His genius and tenacity to discover the possibilities and potential of the simple peanut and other alternate crops are of great renown. He wanted to do all he could do to improve the impoverished circumstances of poor farm families. He was compelled to do his best out of a deep sense of doing what was right on behalf of others. It cannot go unnoticed that he was driven to minimize waste whenever and wherever it was manifested. He viewed waste as a missed opportunity.



What has this to do with RESTORATION?

Returning from a recent trip to Coos Bay on State fisheries policies business, I happened upon a series of slash piles that boggled my mind. Undoubtedly, these piles were mechanically piled using a grapple loader or similar device. Their height astounded me. Even after over four decades of living and working in the woods, being of the opinion that I had seen the best and the worst of human impact on our native forests, the scene of all of that biomass destined to be burned shocked me. It comes down to money. Burning it is the cheapest way to deal with it.

I once again was drawn to the ideas floating around the Elk Creek South Umpqua restoration project and our desperate need to address the many, many tons of fuel and biomass overgrowth associated with a century of fire suppression. Overgrown plantation stands are seriously threatening areas in the watershed associated with northern spotted owl habitat, oak meadows and early seral habitat. Huge amounts of slash will result from our effort to raise the level of forest and watershed health. Will we take the cheap way out too?

Fire suppression in the forest has created a disastrous

Get Involved! Join a Committee.

Education Committee Meetings

When: 2nd Tuesday of Every Month, 5:00pm

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

Outreach Committee Meetings

When: Last Wednesday of Every Month, 5:00pm

Where: Umpqua Watersheds Office, Downtown Roseburg

Contact: Kasey Hovik - kasey@umpqua-watersheds.org

Wild On Wilderness Committee Meetings

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

Where: Umpqua Watersheds Office, Downtown Roseburg

Contact: Susan Applegate - susan309@centurytel.net



ecological condition in the South Umpqua basin at large. The destruction of ancient forests and the “modern” methods of timber removal from healthy forests are unconscionable and disastrous. The wanton degradation of habitat resulting from road building, clear cutting, herbicide spraying and fire suppression have gone down in history as a major travesty of human greed. Ignoring the majesty and flow of nature’s rhythms, which includes a regular dose of mid to low intensity fire, has left us with dead fish runs, poisonous water, polluted air and high rates of cancer. Oh yes, thousands of gallons of dioxin laced herbicides were drenched on our public lands in years past. Herbicides produced but banned in Europe are currently being doused on private and industrial timber lands now. We are to believe that this has been done for the good of the community? Help us make a difference.

We can do better. The wreckage produced by decades of our society wantonly gorging itself to extract timber from the public trust is evident all around us and something must be done. Part of that is the careful extraction of fire prone unnatural amounts organic matter that has built up over time. Piling slash and burning slash in unnatural heaps is a blatant disregard of ecological function at best, including the release of tons of carbon into the atmosphere beyond the low level that natural cycles of fire ecology would have produced.

Recently the science associated with biochar production has been gaining momentum in various academic circles. It is a wonderful way to naturally revitalize soil conditions. Nature has been producing char and adding it to the natural cycle of carbon integration deeply connected to healthy forest ecosystems.

The idea of turning vegetation that would have normally gone up in smoke into a viable new product really inspires me. As the restoration committee has explored ways to do this, we have come across one major snag. Processing slash to sequester the carbon stored costs money. We’ve been looking at a couple of innovative mobile devices that could produce char on site. There is going to

have to be a substantial investment into our community to provide similar types of technology to make them affordable to family sized businesses. We need a kick start.

Char can be stored for long periods of time. More markets for it will need to be developed. Time and money are working against us. Neither the environment nor the economy of our region can afford for us to proceed at the pace we are currently going. Certainly there must be resources in our community to move this agenda forward. We have a very active group of innovative partners experimenting and developing the possibilities of char production. The members of the Umpqua Bio Alternatives Cooperative (UBAC) have been attending the Umpqua Watersheds restoration committee meetings for this very purpose. Our collaborative partner, The South Umpqua Rural Community Partnership (SURCP), has provided UBAC with a platform to facilitate working models of char production from forest “waste”. Umpqua Watersheds has taken on the task of guiding these possibilities so that the end result is clean air and water from a healthy forest. Our view is that there is no such thing as waste and we must give back to the watershed.

Umpqua Watersheds needs you to invest in this effort. We see a perfect win win scenario for our forest and our community through the implementation of watershed restoration. Your support of our task on any level will mean family wage jobs born of healing the land. For far too long those who gainsay our efforts have undermined our credibility by accusing us of being obstructionists who are careless about the community at large. That is the furthest thing from the truth. We believe our community should be part and parcel of our native ecology. We have been working diligently for years not only protecting our forests and streams but earnestly seeking a better way to interact with them. We’re excited at the prospect of going forward. We have the expertise, ideas and passion for the tasks at hand. We need you to contribute substantially to make this paradigm change a reality. Contact us to explore the future with us. There's no time to waste.

SAVE THE DATE!

**March 1, 2014 at Umpqua
Community College. Umpqua
Watersheds Annual Banquet
and Auction.**

**Items are needed for the auc-
tion. Contact Umpqua Water-
sheds to donate.**

Mildred Kanipe Park Update



Mildred Kanipe died in 1983 and willed her approximately 1100 acre ranch in a trust to the people of Douglas County. The park is an atypical one for the Douglas County Park system, situated in interior Umpqua Valley in northern Douglas County, northeast of Oakland and has pasture, oak woodland, streams, and stands of 100 year old trees (which Mildred planted herself). The size and location of the park are popular with hikers as well as equestrian groups. Mildred Kanipe stipulated that the money from her estate would be used to maintain the park and to allow "logging only as necessary." The trust was dissolved by Douglas County in 2012 with \$120,000 remaining. The County estimated that about \$40,000 is needed to run the park annually, but Friends of

Kanipe Park (FOKP), an organization dedicated to maintaining and enhancing the park, has been involved in countless hours of volunteerism and community involvement and disputes this estimate. FOKP was assured that the remaining funds from the trust would be used to make the park self-sustaining, and to offset costs for the campground and other development.

Claiming dwindling trust funds, the county has proposed that revenue from a 20 ac clear cut should be used to fund the park and be used for the development of a campground to the disappointment and opposition of FOKP. Harvest is being scheduled for this coming spring 2014. Friends of Kanipe Park feel that there are other options for funding and have raised over \$20,000 in just one month to defer the costs and render logging unnecessary for now. Parks Director, Gary Groth, has thus far refused to apply for a County Opportunity Grant of \$50-150K for Kanipe Park and has instead applied on behalf of the very established and well-funded parks on coast.

Umpqua Watersheds believes that this historical and educational part of Douglas County is important to maintain in the long term and supports the community based solutions proposed by the Friends of Kanipe Park and the many other organizations that have come together as the "Keep Kanipe Park a Park" initiative. Please visit their website for more information and to get involved.

<http://www.mildredkanipemark.org/>

"A Fierce Green Fire"

Screening with filmmaker Mark Kitchell

On November 9th, 2013 75 people attended our screening of "A Fierce Green Fire" at the Umpqua Universalist Church in Roseburg. Mark Kitchell, the films director attended the screening and was kind enough to answer many questions about the making of the movie and his experiences. The landmark film on the history of the environmental movement was captivating. UW owns the DVD and will be showing the film again in 2014 as part of our Earth Day celebration.



Umpqua Watersheds Business Partners

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

Alexander's Greek Cuisine

541.672.6442 alexandersgreekcuisine.com

Ben More Mountain Ranch

541.459.2704 kmroberson52@yahoo.com

Brandborg Vineyard and Winery

541.584.2870 brandborgwine.com

Clean Earth Solutions

541.000.0000 earthcaretakers@gmail.com

The Harvest Store

541.679.4524 facebook.com/pages/Harvest-Store/190580707642735?sk=info

James A. Arneson, P.C.

541.378.4674 arnesongroup.com

Marbled Fabrics & Accessories

541.459.1921 marbledfabrics.com

Medicine Flower

541.492.1607 medicineflower.com

Newcastle Solar

david@newcastlesolar.net

North Umpqua River Vacation Rental Homes

541.496.4580 northumpquaretrreat.com

Parkscapes Integrated Landscapes

541.784.8120 parkscp@gmail.com

Patricia Ferrell-French, Attorney at Law

503.656.4154 willamettelaw.com

Richard Chasm, Timberland Owner

541.430.2161 Richard.chasm@earthlink.net

Richard A. Cremer, P.C.

541.672.1955 richardcremerpc.com

River Sound Music

541.679.7077

River's Edge Winery

541.584.2357 riversedgewinery.com

Sutherlin Veterinary Hospital

541.459.9577 sutherlinvethospital.com

While Away Books

541.957.1751 facebook.com/pages/While-Away-Books/236396460943

Wild Rose Vineyard

541.679.1433 wildrosevineyard.com

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

