

CONSERVATION QUARTERLY

FALL 2016

This institution is an equal opportunity provider.

LANDOWNER SPOTLIGHT— C&C PUMPKIN PATCH

Cascadia just completed a successful riparian planting project at C&C Pumpkin Patch on Chumstick Highway in Leavenworth. This project involved site preparation, mechanical weed removal, and planting of appropriate native shrubs and trees within a 35ft. riparian buffer. The property is owned by Chuck and Caroline Gibbs and sits on 750 ft. at the confluence of Eagle Creek and Chumstick Creek. The west end of the site is a commercial pumpkin patch and vegetable stand.

Approximately two acres of the property is planted with a mix of vegetables and berries. Chumstick Creek runs behind the vegetable patch and the main house and lawn area. This section of the creek is in moderate riparian health and is a mix of open space and lawn, as well as some mature native vegetation such as Woods rose, spirea, cottonwood, willow and dogwood. Historically, Chumstick Creek was dominated by cottonwood galleries, with a diverse shrub community contributing to dense canopy cover and complex aquatic habitat. These conditions were well suited for steelhead and juvenile chinook rearing, and are the target conditions for the project. Over the years, locals have seen steelhead in both Chumstick Creek and Eagle Creek.

This project restored a 35ft. buffer on both sides of the creek for a total of about 750ft or about 1 acre of planting. About 1,300 native plants were added to the riparian area. Improvement to the riparian buffer in this area will have a positive impact on water quality and will serve the surrounding area as a natural wetland refuge to both aquatic and avian wildlife. Enhancing the vegetation around the creek will increase shade to the water, decreasing temperatures during late summer flows and providing natural filtration and nutrient interception from storm water on Chumstick Highway. It will also provide a buffer from the agricultural activities directly adjacent to the stream, while allowing for full use of the land for growing vegetables and flowers.



Gibbs' property on Chumstick Creek before riparian restoration planting

Need help managing natural resources on your property? Cascadia is here to help!

Cascadia's Landowner Assistance Program offers technical and financial assistance and can pay up to 75% of the total cost of eligible projects. Such as: wildfire fuels reduction, irrigation system upgrades, and more. Please contact us for details!

Cascadia is currently seeking cooperators for streamside planting projects in the Wenatchee River basin as well as offering FREE soil testing to qualified landowners!

For additional information, please contact Sandy Letzing at: (509) 436-1601 or sandyl@cascadiacd.org

"I never thought I would do a project like this to help out, but I saw other work that had been done along the creek that you did and it was great. The more projects like this the better. I hope this project encourages more people along the creek to do this and we can connect the whole creek. I have been in the fishing industry for 30 years and anything to do with salmon, I am all for it."
- Chuck Gibbs, landowner



Landowner assisting with mulching on his riparian restoration project

LOCAL
POSTAL CUSTOMER

Non-Profit Org.
US POSTAGE
PAID
PERMIT # 40
Wenatchee, WA
ECRWSS

2017 NATIVE PLANT SALE



See page 3 for more information and an order form.

WE NEED YOU...



...TO JOIN OUR BOARD OF SUPERVISORS...

Cascadia Conservation District is self-governed by a Board of Supervisors who work to establish priorities, set policy and direct the work of Cascadia staff. Registered voters residing in Chelan County who are interested in guiding local conservation efforts are encouraged to run for office. Board members are unpaid volunteers who serve a three-year term and must be available to attend monthly meetings.

To announce your candidacy:

1. Obtain an information form and nominating petition by calling our office: (509) 436-1601 or visiting our website: www.cascadiacd.org.
2. Collect signatures from at least 25 registered voters in the District.
3. Submit completed information form by **December 15, 2016**. Include the nominating petition to get your name printed on the ballot.

...AND TO VOTE!

If you don't have the time to serve on the Board, then make your voice heard by voting for your preferred candidate.

Registered voters within Chelan County are eligible to vote. The election will likely be held during the annual Cherry Day conference on **January 17, 2017** in the lobby of the Wenatchee Convention Center from 8:30 am to 2 pm.

Watch our website for official dates and announcements. Please call Valerie at (509) 436-1601 with election questions.

IRRIGATION EFFICIENCIES FUNDING AVAILABLE

Cascadia Conservation District is participating in the Irrigation Efficiency Grant Program. This program provides up to 85% cost-share funding and technical assistance to landowners for installing irrigation best management practices.

Eligible practices include installing pivot sprinkler systems, drip irrigation systems, and piped conveyance systems.

Contact Cascadia Conservation District at (509) 436-1601 for more information.



Canal lining or piping encourages more efficient water use

FIRE RECOVERY FUNDING AVAILABLE

Cascadia Conservation District now has fire recovery funding for landowners impacted by the 2015 fires.

Projects that address water quality, stabilize soil, and prevent crop damage may be eligible for reimbursement up to 75% of the total project cost. Examples of eligible projects include critical area fence to keep livestock away from surface water or wetlands, inclusion fencing to contain livestock and keep them from roaming, exclusion fencing to exclude deer from commercial orchards or keep livestock out of private property, replacement of damaged culverts, irrigation repairs, and plantings for soil stabilization.

Contact Cascadia Conservation District at (509) 436-1601 for more information.

PHOTO CONTEST RESULTS

Thank you to all the wonderful photographers who made our 2016 photo contest another big success, and congratulations to the photographers of the twelve winning photos!

The twelve winning photos, two per each of the six categories, are listed to the right. Please visit our Facebook page (link at www.cascadiacd.org) to see them all. Look for a selection of them in an upcoming *Wenatchee World* article. Also, three "Best in Show" photos will be featured in the December issue of *The Good Life* magazine, out in mid-November.

The 2017 Chelan County Clean Water Campaign stewardship calendar featuring the winning photos will be out in mid-November. Contact Cascadia Conservation District at (509) 436-1601 or cascadiacd@yahoo.com for additional information and to order yours!

A big thank you to the U.S. Bureau of Reclamation, and other local sponsors for supporting this effort!

Agriculture:

- "Lakeside Fruit" by Emily March
- "Peaches and Cots" by Rhona Baron

Landscape:

- "Leavenworth" by Debra Nava
- "Northern Lights Stripes" by Brendan Morrison

Plants:

- "Near Plain" by Debra Nava
- "Ice Fall on Grapes Leaves" by Alan Moen

Recreation:

- "Climbing at the Pinnacles" by Brendan Morrison
- "Surfing the Clouds" by Nathan Hadley

Water:

- "Serenity on Lake Chelan" by Strode Weaver
- "Frozen Over" by Sarah Cooper

Wildlife:

- "The Lookouts" by Strode Weaver
- "Signin a Song" by Dale Blair



WELCOME ABOARD!



Cascadia would like to welcome to our new AmeriCorps Member Ava Izdepski!

Ava graduated from the University of San Diego with a degree in Environmental Studies. During her time in San Diego she volunteered at the Ocean Discovery Institute teaching environmental science lessons to elementary students. After spending some time in Colorado teaching skiing and working in hospitality, she is happy to be back in her home state.

Ava is very excited to be a part of the education & outreach at Cascadia and looks forward to serving this community in the year ahead. In her spare time she enjoys skiing, hiking, and playing instruments.



Photo by Helen H. Richardson



ANNUAL NATIVE PLANT SALE

Cascadia Conservation District is now accepting orders for our annual native plant sale. This year we will be offering 10 different plant species suitable for a variety of planting projects. Many of the plants are also considered fire-resistant and make excellent choices for your FireWise landscape.

Most of the plants are available as bare-root stock, meaning they do not come in pots or burlap bags. They are harvested from the field in winter when the plants are dormant and arrive ready to be replanted in your landscape.

Most plants are sold in bundles of 5 stems with the exception of Ponderosa pine, which are offered in either bundles of 25 stems or bags of 200 stems. An order form is included below.

A color brochure with photos and information on each of the plant species offered is available on our website at www.cascadiacd.org or by calling our office at (509) 436-1601. **All orders must be received by March 1, 2017.**

Plants are sold on a first-come, first-served basis and quantities are limited. A minimum 50% deposit is required to hold your order. Fully

prepaid orders are appreciated. We are sorry, but we are unable to accept credit cards at this time.

Plants will be distributed at the Stemilt Growers Warehouse in north Wenatchee in April 1, 2017. A map to the pick-up site will be sent to you along with a reminder as the pick-up date approaches. Please be aware that any unclaimed plants will be considered abandoned and used for conservation projects. There are *no* refunds for plant orders not picked up. If you can't make the pick up day and time you can designate someone else to pick up your plants for you.

Please refer to our website, www.cascadiacd.org, for a list of commonly asked questions related to the plant sale. Inquiries should be directed to Ava Izdepski, AmeriCorps Member, at (509) 436-1601 or americorps@cascadiacd.org.

In addition to the plant sale, Cascadia Conservation District is sponsoring a free workshop titled "Native Planting 101". This workshop will cover a wide variety of topics including restoration, yardscaping and creating pollinator habitat with native plants, as well as everything you ever wanted to know about weed identification and management.

The "Native Planting 101" workshop will be held on **February 11, 2017.**

For more information or to RSVP contact AmeriCorps Member, Ava Izdepski, at (509) 436-1601 or visit our website at www.cascadiacd.org.

STOCK TYPES

1-0 Bareroot– Grown in seedbed for one year. They represent the smallest stock type and are easiest to plant correctly, but plan for some weed control.

2-0 Bareroot– Grown two years in seedbed. They are bigger and better able to compete with surrounding vegetation and can withstand light to moderate browsing by wildlife.

Plug– Container grown in a greenhouse for one year. Roots still encapsulated in soil. Similar to 1-0 stock in terms of planting ease, competition with surrounding vegetation, and susceptibility to browsing by wildlife.



Cascadia Conservation District 2017 Native Plant Sale

Name: _____
 Mailing Address: _____
 City: _____ State: _____ Zip Code: _____
 Phone Number: _____
 Email Address: _____

Plant	Stock	Height	Sold As	# of Bundles	Price/Bundle	Order
Conifers:						
Ponderosa Pine	2-0	12"+	200 per bag	_____	x \$120.00	= _____
Ponderosa Pine	2-0	12"+	25 per bundle	_____	x \$30.00	= _____
Deciduous Trees:						
Quaking Aspen	1-0	12"+	5 per bundle	_____	x \$7.50	= _____
Vine Maple	2-0	18"+	5 per bundle	_____	x \$7.50	= _____
Shrubs:						
Blue Elderberry	1-0	12"+	5 per bundle	_____	x \$8.75	= _____
Mock Orange	2-0	12"+	5 per bundle	_____	x \$7.50	= _____
Red Osier Dogwood	1-0	12"+	5 per bundle	_____	x \$7.50	= _____
Serviceberry	1-0	12"+	5 per bundle	_____	x \$7.50	= _____
Woods Rose	1-0	12"+	5 per bundle	_____	x \$7.50	= _____
Black Huckleberry	plug	3-6"	5 per bundle	_____	x \$27.50	= _____
Ground Cover:						
Kinnikinnick	plug	3-6"	5 per bundle	_____	x \$16.25	= _____

Ordering Instructions

1. Complete order form.
2. By March 1, please bring or mail your order form with payment to:

Cascadia Conservation District
 14 N Mission St.
 Wenatchee, WA 98801

3. Pick up your plants on:

April 1, 10AM - 1PM

Plant distribution will take place at the Stemilt Growers Warehouse in north Wenatchee.

Receipt and map will be sent via mail, or email if requested.

Questions?
 509-436-1601

Thanks for supporting your local conservation district!

Minimum 50% deposit is required to guarantee order.

We do not accept credit cards at this time.
 Sorry for any inconvenience.

Subtotal = _____
 Add 8.2% WA State Sales Tax = _____
Total = _____

HONEY BEES AND PESTICIDES

POLLINATOR ARTICLE SERIES - ARTICLE 3 OF 5

Contributed by Nate Andreini, East Columbia Basin Irrigation District

Bees are born to work. They are perhaps the hardest working creatures on the planet, and their labor benefits food production in the most valuable way.

There are around 4,000 different bee species in the U.S. The Apidae family is perhaps the most well-known bee family, with familiar members such as the honey bee, carpenter bee and the bumblebee.

Bees are responsible for pollinating about one-sixth of blossoming plants around the world, and approximately 400 different types of agricultural plants.

Honey bees are the most economically valuable pollinator worldwide, and many high-value crops such as our apples, pears and cherries are entirely reliant upon insect pollination. Globally, 9.5% of the total economic value of agricultural production for human consumption comes from insect pollination. This amounts to around \$200 billion annually.

In the U.S., honey bees pollinate nearly 95 kinds of fruit (including apples, pears, and cherries).

While some plants are able to self-pollinate (sometimes using the wind to help disperse pollen), commercial fruit trees rely on bees for pollination.



We can all help the honey bees by using low-impact chemicals and spraying during the time that will cause the least harm to the bees. If possible, spray pre or post bloom, and try to do this at night when the bees are not present. This will give the chemical time to dry on the plant before the bees become active again the next day. If late evening is not possible, then early morning would be the next best option.

ALWAYS Read all labels thoroughly to ensure proper application rates and timing.

FOREST RESILIENCY BURNING PILOT PROJECT UPDATE

Successful prescribed burning has taken place in several areas in Chelan County this fall as part of a statewide effort under House Bill 2928. See additional information about the Pilot and track the prescribed burning progress on the following sites: <http://www.putfiretowork.org/> and <http://arcg.is/2aoX0MT>



CASCADIA
CONSERVATION DISTRICT

14 N Mission St Wenatchee, WA 98801
(509) 436-1601 • www.cascadiacd.org

Staff Members

Mark Amara, *Archaeologist*
Mike Cushman, *Project Coordinator II*
Peggy Entzel, *District Administrator*
Patrick Haggerty, *Project Coordinator II*
Valerie Hampton, *Administrative Assistant*
Kurt Hosman, *Resource Technician*
Ava Izdepski, *AmeriCorps Member*
Craig Gyselinck, *Program Manager*
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Sandy Letzing, *Resource Specialist*
Amanda L Newell, *Education & Outreach*
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The Conservation Quarterly is published on a quarterly basis by Cascadia Conservation District. This newsletter is funded in part by grants from the Washington State Conservation Commission, the Washington State Department of Ecology and other public and private granting entities.



Please Remember to Recycle

Cascadia Conservation District has a blog:
Please check it out at:
<http://ccdconservationconversation.blogspot.com/>

UPCOMING MEETINGS & EVENTS

CCD Regular Board Meetings

- November 17, 2016 3:30-5:00 pm at 14 N Mission St, Wenatchee
- December 15, 2016 3:30-5:00 pm at 14 N Mission St, Wenatchee

Entiat Habitat Sub Committee Meetings

- November 17, 2016 9:00-12:00 pm USFS Building, Wenatchee Rm
- December 15, 2016 9:00-12:00 pm USFS Building, Wenatchee Rm

Entiat Watershed Planning Unit Meetings

- January 4th, 2017 9:00- 12:00 pm at Entiat Grange Hall

Chelan County Natural Resource Dept. - Riparian Restoration Tour

- November 9, 2016 9:00 am at site near Leavenworth
- Contact erin.mckay@co.chelan.wa.us if interested in participating

Wenatchee River Institute- Adapting to Climate Change Speaker Series

- Tuesdays, November 1, 8, 15, 29th 5:30 pm at Milepost 111 in Cashmere
- For more information, please visit <http://wenatcheeriverinstitute.org/events>

Wenatchee River Institute- "Myth of the Bull Trout" Film

- November 4, 2016 7:00 pm at Barn Beach Reserve in Leavenworth

Wenatchee River Institute- The Roots of Music: Earth's Soundscapes

- November 18, 2016 7:00 pm at Barn Beach Reserve in Leavenworth

Initiative for Rural Innovation & Stewardship (IRIS) 7th Annual NCW Community Success Summit in Quincy

- November 15, 2016 9:00 am-3:00 pm at Quincy Junior High School
- For more information, please visit www.irisncw.org

Natural Resources Conservation Service

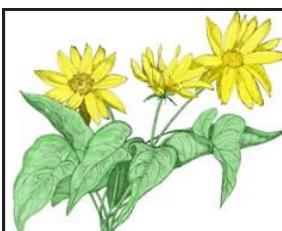
The Environmental Quality Incentives Program is accepting applications until November 18, 2016. EQIP is a voluntary, technical and financial assistance program designed to help farmers, ranchers, private forestland owners, tribes and other private landowners/managers improve irrigation efficiency; manage nutrient run-off and/or animal waste; improve the health of native plant communities; and reduce soil loss. In most instances, program participants pay half of the costs of the conservation practices. For more information, please contact the Okanogan office at 509-422-2750.



For more info visit: http://www.seattletilth.org/special_events/Conference#

To learn more about protecting your home from wildfire damage contact Amanda Levesque Newell with Cascadia Conservation District at amandal@cascadiacd.org or (509) 436-1601. Cascadia offers FREE fire risk assessments, chipping programs, assistance for Firewise Communities, and cost-share assistance when funding is available.

Thank you to these funding sources for keeping important outreach projects and programs in operation!



Native Plants of Central Washington
for
Restoration and Landscaping

- Over 120 species, including trees, shrubs, wildflowers and grasses
- Nursery is open March–November

Derby Canyon Natives

Peshastin, WA Tel: (509)548-9404 www.derbycanyonnatives.com