

# Friends of the Columbia Gorge

*Protecting the Gorge Since 1980*

*Spring 2014 Newsletter*



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# Friends of the Columbia Gorge

FOUNDER NANCY RUSSELL, 1932-2008

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Link to us on Twitter and Facebook  
from our website: [www.gorgefriends.org](http://www.gorgefriends.org)



# Take Action!

*Crown Point State Scenic Corridor.*

Photo: Cynthia Winter

## Oregon's State Parks Need Your Help!

The Columbia Gorge is a mix of public and private landscapes. In the Gorge, the Oregon State Parks and Recreation Department manages fifteen parks, six natural areas, three scenic viewpoints, and six scenic corridors encompassing forty-seven trailheads and 150 miles of trails.

Oregon State Parks is currently updating its nearly twenty-year-old "Recreation Master Plan for the Columbia Gorge." In the past two decades, Gorge recreation use has soared, the population has grown, and new activities have evolved. Unfortunately, natural resources are bearing heavier impacts.

As part of its planning process, Oregon State Parks is taking a comprehensive look at natural, scenic, and cultural resource

conditions, as well as management needs, recreation trends in the region, community partnerships, and related issues and concerns identified through public input.

That's where you come in. We need you to get involved. Here's what you can do:

- Visit [www.gorgeparksplan.com](http://www.gorgeparksplan.com) and subscribe to the listserve for email updates and information about the planning process;
- Attend public meetings in March and June. Check [www.gorgeparksplan.com](http://www.gorgeparksplan.com) for times and locations;
- Contact a Park Planner at 503-986-0723 or [gorge.parksplan@state.or.us](mailto:gorge.parksplan@state.or.us).
- For more information and Gorge protection points, visit our "Take Action" page at [www.gorgefriends.org/stateparks](http://www.gorgefriends.org/stateparks).

## Citizen Action Makes the Difference!

Contact Senators and Representatives in Washington D.C.,  
or check [www.senate.gov](http://www.senate.gov) or [www.house.gov](http://www.house.gov) for local offices.

### Oregon

**Sen. Ron Wyden**, (202) 224-5244  
[www.wyden.senate.gov/contact](http://www.wyden.senate.gov/contact)

**Sen. Jeff Merkley**, (202) 224-3753  
[www.merkley.senate.gov/contact](http://www.merkley.senate.gov/contact)

**Rep. Earl Blumenauer**, (202) 225-4811

**Rep. Suzanne Bonamici**, (202) 225-0855

**Rep. Greg Walden**, (202) 225-6730

**Rep. Peter DeFazio**, (202) 225-6416

**Rep. Kurt Schrader**, (202) 225-5711

### Washington

**Sen. Patty Murray**, (202) 224-2621  
[www.murray.senate.gov/email/index.cfm](http://www.murray.senate.gov/email/index.cfm)

**Sen. Maria Cantwell**, (202) 224-3441  
[www.cantwell.senate.gov/public](http://www.cantwell.senate.gov/public)

**Rep. Jaime Herrera Beutler**, (202) 225-3536

**Rep. Derek Kilmer**, (202) 225-5916

**Rep. Doc Hastings**, (202) 225-5816

**Rep. Suzan DelBene**, (202) 225-6311

Email your **Congressional Representative** by

logging on to [www.house.gov/writerep](http://www.house.gov/writerep)

Cover photo: Spring flowers burst with color at Memaloose Hills. Photo: Jozsef Urmos / panojoe.urmos.net

## Director's Letter

With the Spring hiking season coming up (see our hiking brochure insert) and hikers eager to get out on the trail, the issue of burgeoning recreation in the Columbia Gorge is rumbling.

For the last decade, two important factors related to Gorge recreation have been moving in opposite directions. On one hand, government agency budgets are way down, which means funding to maintain, improve, and create new recreation opportunities is virtually non-existent. On the other hand, our growing population is recreating more and more, which is good in well-managed areas, but puts pressure on landscapes and causes damage in areas where trails have not been well planned and don't belong.

One way Friends of the Columbia Gorge has addressed this is by actively supporting the creation of volunteer non-profit groups dedicated to specific trails. We were instrumental in creating the

Klickitat Trail Conservancy and the Cape Horn Conservancy, wonderful examples of a model that works.

Five years ago, the user-built trail at Cape Horn was getting heavy use, but poorly built, bush-whacked sections and spurs were causing significant damage. The Cape Horn Conservancy worked with the U.S. Forest Service, Washington Trails Association, and Friends to remove spurs and repair damaged sections. Today, Cape Horn boasts a much improved trail that can handle the increasing numbers of hikers drawn there.

Recently, we have convened a number of Gorge recreation groups to explore how we can combine resources to enhance recreation while protecting Gorge trails and landscapes. This work is especially important as Oregon State Parks is now in the midst of planning for recreation at their parks over the next ten years, including numerous state parks in the Gorge. Please see the "Take Action" article on page 2 and

Photo: Maegan Jossy

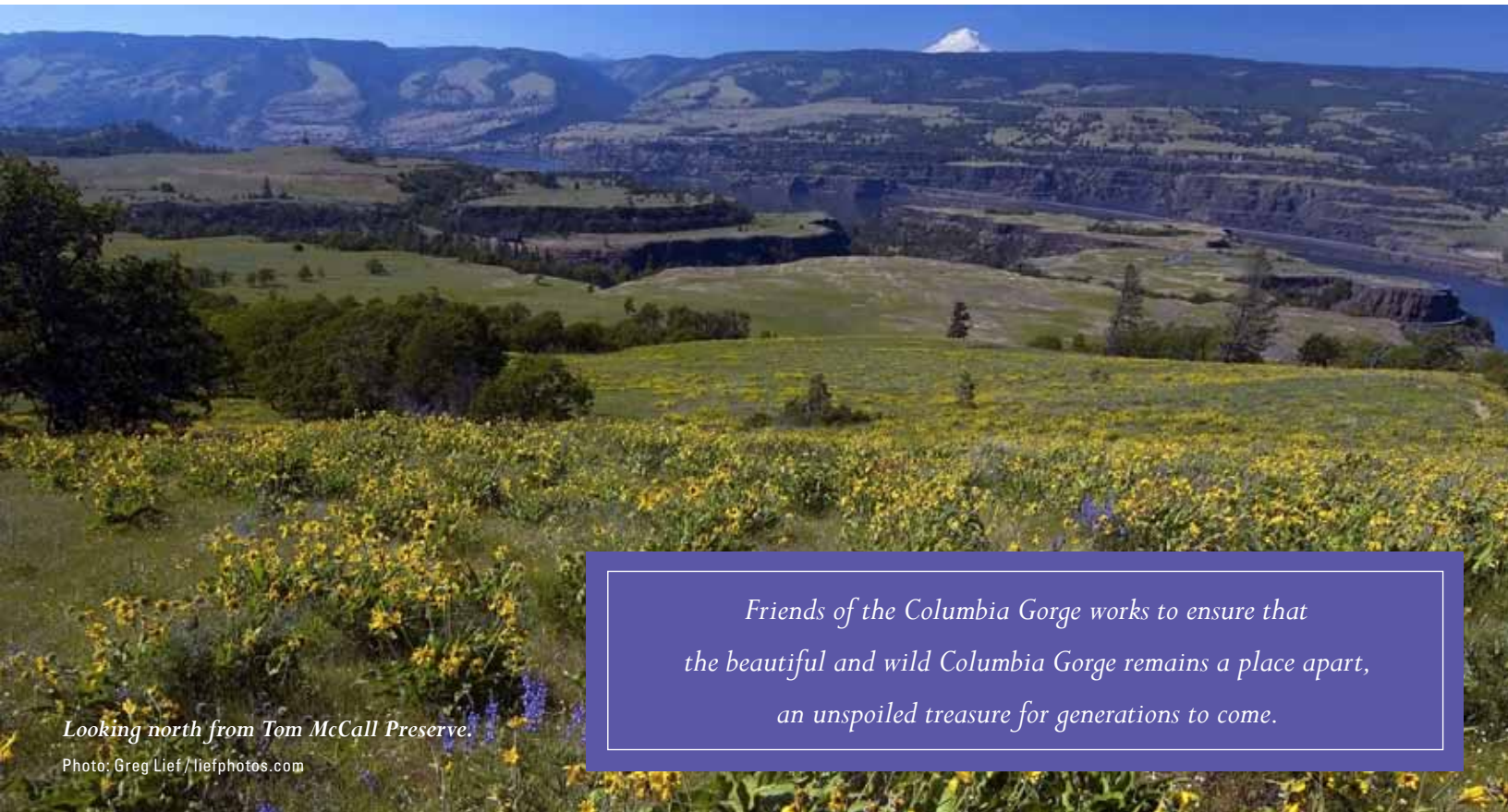


Oregon State Parks Planner Jamie English with Kevin Gorman, at a State Parks recreation advisory committee meeting.

get involved now. The Forest Service and the Columbia River Gorge Commission will also review their recreation management plans soon.

As we look down the road, we must be creative and thoughtful if we hope to protect the Gorge as well as enjoy it. It is a legacy that each one of us has the responsibility to leave to the coming generations.

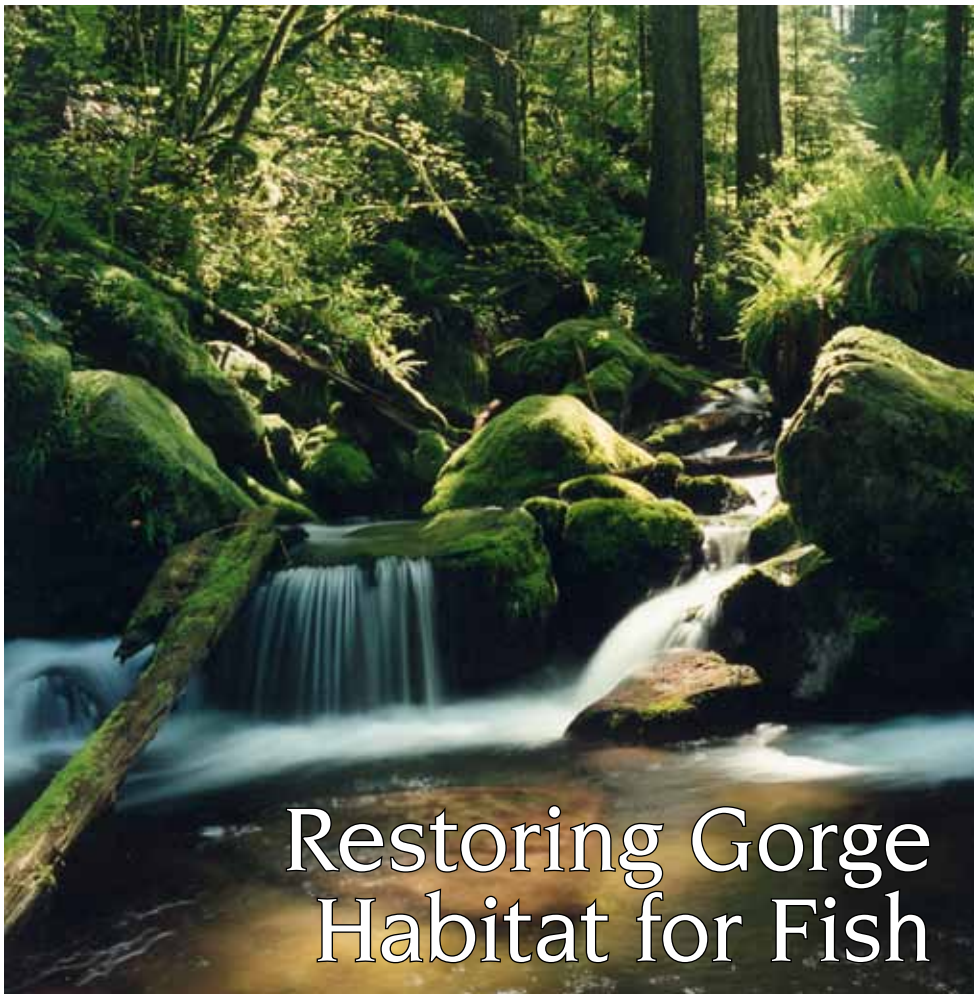
Kevin Gorman, Executive Director  
[kevin@gorgefriends.org](mailto:kevin@gorgefriends.org)



Looking north from Tom McCall Preserve.

Photo: Greg Lief / liefphotos.com

*Friends of the Columbia Gorge works to ensure that the beautiful and wild Columbia Gorge remains a place apart, an unspoiled treasure for generations to come.*



## Restoring Gorge Habitat for Fish

Michael Lang, Conservation Director, [michael@gorgefriends.org](mailto:michael@gorgefriends.org)

**T**he Columbia River and its numerous tributaries provide critical habitat throughout the Columbia River Gorge National Scenic Area for robust fish populations, including several native species of salmonids. Some of these species – including Chinook salmon, coho, chum salmon and steelhead – are listed as threatened under the federal Endangered Species Act.

Over the years, dams, poorly planned development, and irresponsible land uses have destroyed fish habitat and pushed wild salmon to the brink of extinction. In the past ten years, however, we've seen success in a number of projects to restore salmon runs in this stretch of the Columbia, by removing fish-stopping dams on tributaries. Recent dam removal

on the Sandy, Wind, Hood, and White Salmon Rivers will play a critical part in restoring these watersheds for wild runs of native salmon and steelhead that depend on healthy unobstructed rivers to survive.

Columbia River off-channel habitat is also vitally important to the life history of salmon. Even the small tributaries flowing into the floodplains and wetlands are vital, providing cooler water temperatures necessary for juvenile salmon to survive and for returning adult salmon that are migrating upriver to their natal streams. For a full century, though, land development projects have been undertaken with little understanding of the impacts of these actions on streams and fish populations, resulting in destruction of critical fish habitat.

*Horsetail Creek.*

Photo: Oliver Dalton

### Getting Started

In 2011, the U.S. Forest Service and the Lower Columbia Estuary Partnership completed a watershed restoration action plan for tributaries below Bonneville Dam in the Columbia Gorge. The plan identifies twenty-four high priority projects that will reconnect 800 acres of floodplain, improve passage to fourteen miles of salmon habitat, enhance fifteen miles of streams, and reduce or eliminate several stream diversions.

For the past several years, Friends of the Columbia Gorge has teamed up with the Estuary Partnership and other groups to support grant funding for restoration projects in the Gorge. In 2012, Friends and the Oregon Community Foundation got more directly involved, by providing \$230,000 from the Penstemon Fund to help implement several of these projects.

The Penstemon Fund's Columbia River Gorge program was established in 2011 through a settlement agreement reached between Portland General Electric and environmental groups including Friends, related to PGE's coal-fired power plant in Boardman, Oregon. PGE agreed to close the plant by 2020 and establish a one-million-dollar fund for environmental restoration in the Gorge. The Oregon Community Foundation administers the fund.

### Project highlights

In Washington, where salmon in Greenleaf and Hamilton Creeks in Skamania County have access to 5.3 miles of habitat on the upper reaches and tributaries, the habitat quality is degraded. Grants from Penstemon provided \$70,000 for a preliminary study of alternatives and for design and construction to improve spawning and rearing habitat, reduce water temperatures, improve passage, and increase large woody debris within the streams.

Across the Columbia in Oregon, Lower Wahkeena and Multnomah Creeks have habitat for coho and steelhead, but in the 1950s, highway construction of I-84 obstructed fish passage, altered stream courses, and diverted the flow from Wahkeena Creek into Hartman Pond. These factors decreased water depth and habitat diversity, increased water temperatures, and limited connectivity to the Columbia River.

Support from the Penstemon Fund enabled the Estuary Partnership to work with Oregon State Parks to complete design of a project to improve conditions for salmon and steelhead in Wahkeena and Multnomah Creeks, and to initiate the first phase of efforts to improve stream habitat and reduce water temperatures. Project construction will begin in the summer of 2014.

As Estuary Partnership Executive Director Debrah Marriott noted, "Restoring this habitat is important to migrating salmon because it is one of the last areas for them to rest and feed before they travel through the Portland metro area on the way to the ocean."

Oneonta and Horsetail Creeks on the Oregon side also suffered degradation with the advent of I-84. More than fifty years ago, construction eliminated four outlets of these creeks and channeled them into one culvert flowing into a shallow, gravel-bottomed pond, where high water temperatures weaken juvenile salmon.

The Penstemon Fund contributed a \$25,000 match toward a \$1.1 million

## *In the past ten years, we've seen success in a number of projects to restore salmon runs in this stretch of the Columbia.*

floodplain restoration project on Oneonta and Horsetail Creeks. Construction began in 2013 and vegetation planting will be completed in early 2014. The project will focus on retrofitting the culvert that runs under I-84, improving stream habitat as well as 180 acres of floodplain, and restoring Oneonta Creek to its historic channel. The old gravel pond will be converted into a wetland, large woody debris will be placed in the stream for habitat, and invasive species will be removed, and

riparian areas will be replanted with native plants and shade trees.

### **Ensuring salmon's place**

Habitat restoration projects play a key role in maintaining the overall health of Gorge ecosystems. As metropolitan populations near the Gorge grow and new development pressures emerge, these projects ensure that the Columbia River Gorge will support healthy runs of native salmon and other fish well into the future. ■

*Lower Oneonta Creek.*

Photo: Oliver Dalton



*Native salmon thrive in healthy streams in the Columbia Gorge, as seen here in Eagle Creek.*

Photo: Maegan Jossy.





## A Power Plant at the Gateway to the Gorge?

Rick Till, Conservation Legal Advocate, [rick@gorgefriends.org](mailto:rick@gorgefriends.org)

Plans to construct a 652-megawatt natural gas power plant on the National Scenic Area boundary are under consideration by the Oregon Department of Energy. The proposed Troutdale Energy Center would be sited next to the Sandy River and Sandy River Delta, right at the gateway to the Gorge.

A proposed order drafted by the Oregon Department of Energy would approve the facility in spite of objections from the U.S. Forest Service and the Gorge Commission,

the National Park Service, a number of non-profits, and hundreds of citizens who have submitted comments.

The Forest Service has concluded that air pollution from the facility would cause significant impacts to the Gorge and urges that the proposal be denied.

The proposed facility would emit pollution that contributes to smog and acid rain, which already impair visibility and harm cultural resources, vegetation, and wildlife habitat in the Gorge. The Troutdale plant would be visible in scenic views of the

*The U.S. Forest Service has concluded that air pollution from the proposed Troutdale Energy Center would cause significant impacts to the Gorge and urges that the proposal be denied.*

*Sunset at the Sandy River Delta, just east of the proposed energy facility site.*

Photo: Bill Scheider

Sandy River Delta, and noise from its gas combustion turbines would be audible from several important recreation sites.

The Oregon Department of Energy is conducting a contested-case proceeding where interested parties can challenge its initial findings. Friends and our partner organizations and agencies oppose this facility. If the plans are approved, we will work to ensure that the scenic, natural, recreational, and cultural resources of the Columbia River Gorge are protected. ■

# Friends Assists Hood River County Victory

The Hood River County Planning Commission recently denied an application to construct a 165-foot-tall cell tower in a rural residential neighborhood in Hood River County. The proposed tower was to be sited in an open field adjacent to several homes and the Westside Community Trail, which is managed by the Hood River County Parks and Recreation District. The Commission denied the tower because it would have been incompatible with the visual character of the area, the community trail, and views of the Gorge, Mount Hood, and Mount Adams.

Friends of the Columbia Gorge worked with community members and the Hood River Valley Residents

Committee to oppose the project, which would have violated National Scenic Area Act protections for rural landscapes. Denial of the tower is a big win for the local community, which filled the hearing room to oppose the project. Community members clearly emphasized that they do not oppose all cell towers, but they strongly oppose poorly designed and poorly sited towers.

Melanie Finstad, who owns property near the proposed site, was interviewed by the *Hood River News*. According to their report, Finstad was “extremely happy” about the outcome and thanked Friends of the Columbia Gorge and the Hood River Valley Residents Committee for being “fantastic in their support against the (tower) site.” ■



*Hood River Valley.* Photo: Patrick Durkin

## Oil Pipeline-on-Rails Threatens Gorge Communities

Ryan Rittenhouse, Conservation Organizer, [ryan@gorgefriends.org](mailto:ryan@gorgefriends.org)

Oil companies propose transporting up to 800,000 barrels of oil per day through the Columbia River Gorge to new or expanded terminals throughout the Pacific Northwest. One of those companies, Tesoro Savage, is spearheading this effort with a proposed oil terminal in Vancouver where up to 380,000 barrels of oil – or nearly 16 million gallons – would arrive daily.

The transport of crude petroleum products grows ever more dangerous as the oil industry becomes more reliant upon dirtier and more dangerous types of oil, such as fracked shale oil from the Bakken oil fields in North Dakota and tar sands bitumen from Alberta, Canada. The past year has seen numerous oil train derailments and explosions in North America, including an explosion in

Lac-Mégantic, Quebec, on July 6, 2013, that resulted in forty-eight deaths and destroyed the center of town. An oil train explosion this past December near Casselton, North Dakota prompted evacuation of the whole town.

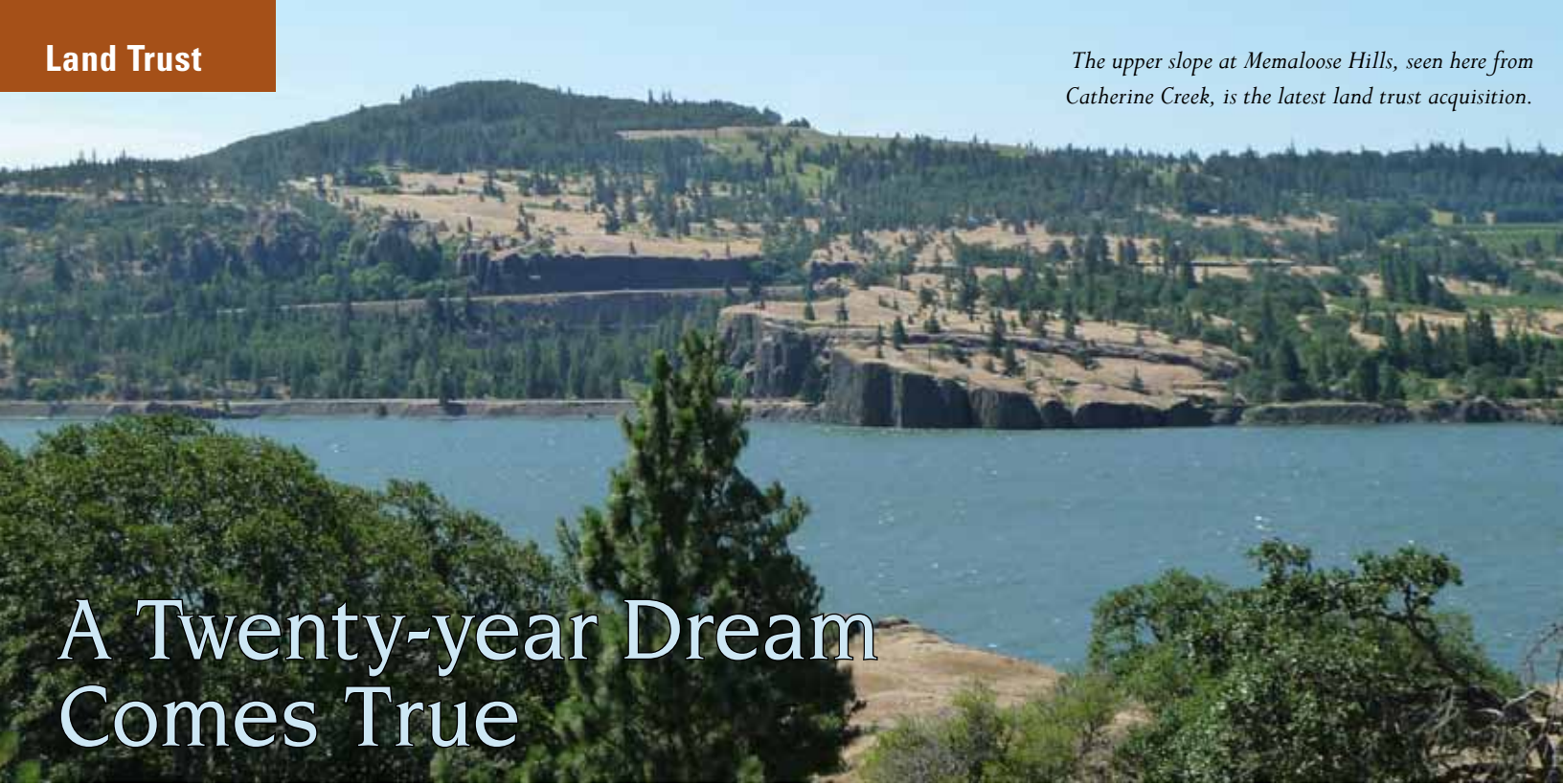
Friends is concerned that the proposed terminal in Vancouver would increase the risk of catastrophic oil spills and train derailments in the Gorge, as well as oil tanker accidents on the Columbia River. Increased oil train traffic would increase toxic diesel emissions in the Gorge and ultimately require double- and triple-track rail lines through the Gorge. The proposed terminal would also conflict with major community redevelopment plans that would reconnect downtown Vancouver with its waterfront on the Columbia River.

In November and December 2013, some 39,000 comments opposing this proposal were submitted to the Energy Facility Site Evaluation Council (EFSEC). EFSEC will review the application and make a recommendation to Governor Jay Inslee, who will have the final say in the decision. Friends of the Columbia Gorge, represented by Earth Justice, would intervene in the EFSEC process to ensure that the Columbia River Gorge is protected. ■



Photo: U.S. Pipeline and Hazardous Materials Safety Administration

*An oil train explosion near Casselton, N.D., in December 2013.*



# A Twenty-year Dream Comes True

Photo: Kate McBride

Kate McBride, Land Trust Manager, [kate@gorgefriends.org](mailto:kate@gorgefriends.org)

Last fall, Friends of the Columbia Gorge Land Trust added a beautiful pine and oak woodland to our conservation holdings. This undeveloped land, which we’re calling “Memaloose Meadows,” lies along the Historic Columbia River Highway east of Mosier, Oregon. The property slopes down toward the Columbia River and offers panoramic views of the Catherine Creek area.

## The vision

In the early 1990s, Friends founder Nancy Russell initiated conversations with the owners of this property, the Wood family. At that time, Nancy and her

husband, Bruce, had just bought a forty-five-acre property just to the north of this parcel and three acres to the east. Nancy had a long-term dream of enhancing the area for wildflower and wildlife habitat, and perhaps someday adding public trails.

Nancy contacted the Woods to discuss preservation and acquisition of their land, and at Nancy’s behest, Chris Beck, a former Trust for Public Land staffer and current Friends board member, worked with the Woods to arrange an eventual sale to Oregon State Parks. A Bureau of Land Management land trade was to be part of the transaction, but the BLM negotiations eventually fell apart and the Woods kept the land.

## Success

Last September, our land trust successfully completed the purchase that Nancy had set in motion. If the property had been developed, current zoning would allow two private dwellings that would be highly visible from areas on both sides of the Columbia River. Friends’ acquisition protects the property in a patchwork of public land, including the two properties Nancy had bought years earlier and transferred into public ownership, as well as Forest Service properties to the east and south, and Oregon State Parks land to the north.

Friends secured funding for the purchase from the Bonneville Power Administration’s mandated mitigation fund for scenic resource protection. These funds are held by the Bonneville Power Administration specifically for potential scenic resource impact mitigation and removal of discordant features on land. With acquisitions like this, Friends’ land trust is working to protect landscapes in the Gorge so the public can enjoy the wonders that inspired our founder and that still inspire us today. ■

## Stewardship!

Join us at Memaloose Meadows on April 19 for a stewardship project to remove barbed wire and downed fencing. See the listing in our hiking brochure to register. We’ll enjoy a wonderful wildflower display and beautiful views as we work on the land that Nancy Russell dreamed of protecting so long ago.



Beauty carpets the Memaloose Meadows.

Photo: Debbie Asakawa



## 2014 Hike Challenge: Histories & Mysteries

Maegan Jossy, Outreach Manager  
maegan@gorgefriends.org

Our 2014 Hike Challenge, *Histories & Mysteries*, runs from March 15 through October 31. Explore geographic features and learn secret bits of history that will enrich your appreciation of the Gorge. Join us on a guided hike or explore on your own, using the *Histories & Mysteries* list in the hiking brochure. Prizes for all Friends members who finish. For details, see [www.gorgefriends.org/historiesandmysteries](http://www.gorgefriends.org/historiesandmysteries).



*An abandoned cabin in the eastern Gorge.*

Photo: Mark McConnell

## New Ways to Enjoy the Gorge

Whether you are new to the region or have lived here all your life, we have some fresh ideas for ways to connect with the Columbia Gorge:

- Come on a guided educational hike, tour, or bike ride with Friends.
- Lend a hand at a stewardship work party to give back to this amazing landscape.
- Get wet on a whitewater rafting trip!
- Learn aspects of Gorge history and geography that may surprise you, in our 2014 hiking challenge, *Histories & Mysteries*.
- Enjoy a *Play & Stay* weekend. Join us for a guided hike, then stay at a local lodging facility and check out Gorge eateries, shops, and cultural activities. You'll find our business partners and the *Play & Stay* schedule at [www.gorgefriends.org/playandstay](http://www.gorgefriends.org/playandstay).

Details on the above activities are in our spring hiking brochure and at [www.gorgefriends.org/hike](http://www.gorgefriends.org/hike).



Photo: Kate McBride

Stewardship volunteer Carlton Olson.

## Friends' 34th Annual Meeting & Luncheon

Sunday, April 6, at Skamania Lodge in Stevenson, WA

Join us for lunch and catch energetic reports and insider updates from Friends staff at our Annual Meeting at Skamania Lodge. Better yet, make a *Play & Stay* weekend of it! Choose from two guided *Play & Stay* hikes on Saturday (see our hiking brochure),

and that evening, enjoy a fascinating presentation at the Lodge by Friends member Jim Chase on the Ice Age Floods. Skamania Lodge is offering a special discount on overnight accommodations for Friends supporters that weekend. Learn more at [www.gorgefriends.org/annualmtg](http://www.gorgefriends.org/annualmtg).



Photo: Courtesy of Skamania Lodge

Sandy Wright, Development Director  
sandy@gorgefriends.org

### Quiet Supporters Leave Friends a Bequest

Adelina and Santino Paperini became members of Friends in 2002, but over the years, they didn't attend Friends events and never met any staff or board members. So it came as a surprise when a letter from Adelina's niece arrived letting us know that her aunt had left Friends a generous gift in her will.

Adelina's gift will be used to continue the work of *Gorge Towns to Trails*, our vision of a loop trail that wraps around the entire Gorge. When we spoke with Adelina's niece recently, she responded warmly to the idea, and said that using her aunt's bequest in this way would have made the Paperinis very happy. ■



Thanks so much to all our members who have supported us in the past year. You helped us end 2013 well-positioned to take on the challenges that lie ahead, and you are the reason Gorge protection has come so far. From habitat protection to land acquisition, from fighting coal trains to providing environmental education for young people, and so much more, Gorge protection happens because of you. Thank you!

### Planned Giving Educational Seminar

If you have ever thought of including Friends of the Columbia Gorge in your will or estate plans, please join us for an educational seminar on Sunday, April 6, at Skamania Lodge. We'll meet from 11:00 AM to noon, just prior to our Annual Meeting at the Lodge (see page 9). ■

## Special Gifts

October 25 to January 15, 2014

IN HONOR OF LENNY ANDERSON  
PEGGY ANDERSON

IN HONOR OF PAULINE ANDERSON  
SALLY ANDERSON  
NORMA BRADFISH  
KAREN JOHNSON AND  
CYNTHIA BARRETT  
PATRICK LACROSSE  
JENNIFER MARSHALL  
KATE MILLS  
MARGARET SANSTAD  
BARBARA J. TYLER  
DOROTHY WHITEHEAD

IN HONOR OF DEBBIE ASAKAWA  
SUSAN PALMITER

IN HONOR OF AURORA AND KADEN  
JESSICA PATEL

IN HONOR OF GEORGE AZUMANO,  
KRISTA KOEHL, AND  
YONEKO DOZONO  
ELISA DOZONO AND TOM TURNER

IN HONOR OF LAUREN BECKER  
KRIS BECKER

IN HONOR OF MARIANNE BREVARD  
MARY BREVARD

IN HONOR OF CAROL AND  
CHARLES BRUNNER  
MIYOKO BRUNNER

IN HONOR OF BRIAN BURCH  
DAVID POLLOCK

IN HONOR OF JOSE AND TONIA CAMINA  
STEPHANIE SIGMON

IN HONOR OF CAROL AND MARK CHACE  
JULIE AND JIM BLEW

IN HONOR OF NANCY AND MIKE CLEMENT  
RUTH C. HINSON

IN HONOR OF KERRY AND DAVID COBB  
MELANIE ST. JOHN

IN HONOR OF PAM DAVEE  
PAULA SWEDDEN

IN HONOR OF MARGARET DELONG  
SHANNON LUDEMAN

IN HONOR OF ELOISE AND GARY DIELMAN  
KATRINA DIELMAN

IN HONOR OF DAWN FITZGERALD  
JUDITH KLEINSTEIN

IN HONOR OF BRITTNEY GRUBBS  
DIANA HERNANDEZ

IN HONOR OF KATE HARBOUR  
NATALIE GARYET

IN HONOR OF JIM AND WENDY HERZFELDT  
DONNA HERZFELDT-KAMPRATH

IN HONOR OF LUAN HOANG  
HOANG PHAN

IN HONOR OF JON AND CAROL LESCH  
MARY WONACOTT

IN HONOR OF GREG LIEF  
SAM AND PAM LARSEN  
DEBBI PATTON

IN HONOR OF JILL McDONALD  
GILBERT AND LAURIE MEIGS

IN HONOR OF JILL AND BRIAN McNERNEY  
PAT STRONG

IN HONOR OF ROGER MEYER  
CHRIS BECK

IN HONOR OF JACK MILLS  
PATRICIA KUBALA AND JOHN MILLS

IN HONOR OF THE MILLS FAMILY  
NORMA AND ARNOLD ZACK

IN HONOR OF AMELLE OBENG AND  
LEONARD W. DODSON  
DARYL WILSON

IN HONOR OF HOWARD OLSEN  
KERRI OLSEN

IN HONOR OF AMANDA G. ROBINSON  
NANCY ROBINSON

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IN HONOR OF LOREN WYSS  
CHRIS BECK

IN MEMORY OF GAIL ACHTERMAN  
SHARON AND DR. JOHN ENGLISH

# Lyle Cherry Orchard, WA

Moderate: 6 miles, 1,400-ft elevation gain

Maegan Jossy, Outreach Manager, [maegan@gorgefriends.org](mailto:maegan@gorgefriends.org)

In the eastern Gorge, early spring wildflowers, panoramic views, and even a bit of hidden history make the Lyle Cherry Orchard a great early season hike.

After an initial ascent from the trailhead, the trail levels out on a long-abandoned roadbed. This is Sam Hill's unfinished road to Maryhill, nicknamed "the Convict Road." (It's on our *Histories & Mysteries* Hike Challenge; see our hiking brochure for more info.) Follow the trail up to the easternmost point, where a few cherry trees still remain from the long-abandoned orchard.

Join us for a guided hike on Sunday, March 16 (see the enclosed brochure), or explore this breathtaking area on your own.

NOTE: Stay on the trail to avoid poison oak and dress appropriately to avoid ticks.

**Driving Directions:** From I-84, take Exit #64 to cross the Hood River Bridge to WA Highway 14. Turn right on Hwy 14 and continue heading east for approximately ten miles, just past the town of Lyle. Look for the gravel parking area just past the tunnel, on the north side of the highway. ■

*Sloping hillsides and basalt benches shape the Lyle Cherry Orchard, seen from Tom McCall Preserve.*

Photo: Jozsef Urmos / [panojoe.ursos.net](http://panojoe.ursos.net)



IN MEMORY OF LELAND BROWN  
BETTY AND NEAL ZULAUFG

IN MEMORY OF EDWIN CASWELL  
SHIRLEY FURIO KELTNER

IN MEMORY OF MICHAEL DALE  
DONNA GILROY

IN MEMORY OF JOSEPH DEWITT DENMAN  
CYNTHIA BLANCHARD  
SALLY KUSER LANE  
KEELY AND MICHAEL LYONS  
FRED OTJEN  
LISA AND DAVID PLATT  
ROBERT AND MARY RATH  
NANCY SOGA AND REEDER RICE  
BETSY SMITH  
KAREN AND GEORGE VIGELAND  
FRAN AND JOHN VON SCHLEGELG

IN MEMORY OF CLIFFORD EBERHARDT  
DOROTHY EBERHARDT

IN MEMORY OF DONNA EXLEY  
GERALD EXLEY

IN MEMORY OF LOLA AND  
KOLA FELLMAN  
ROBERT STREBIN

IN MEMORY OF FORRIS FRICK  
MARVA PETTY  
JOHN A. COURTNEY  
ANNE SQUIER  
TAMARA WILCOX

IN MEMORY OF MATTHEW GOULD  
HELEN GOULD

IN MEMORY OF LINDA GRAY  
JOHN AND PATRICIA BENTLEY  
NORMA BRADFISH  
JOHN AND DIANE BRADSHAW  
GERALDINE BROSY  
CONSTANCE CURTIS  
CARON DA SILVA  
MICHAEL EARP AND TRACEY ELLIOTT  
LUCY FARRELL  
GWEN AND STEPHEN FAUSTI  
MARY LOU INGMAN  
JOHN FREWING AND GAYLE KAUFFMAN  
SANDRA JACKSON  
FAROL AND JACK KAHLE  
JANET AND CONRAD MOORE  
PHYLLIS REDMAN  
ROSEMARY ROSENGREN  
GRETCHEN WALKER  
JUDY AND GARY ZIMMERMAN

IN MEMORY OF KEN HOWARD  
ED AND MARY VRANIZAN

IN MEMORY OF SARA VIRGINIA LASKY  
GALE LASKY

IN MEMORY OF PETER McDONALD  
GILBERT AND LAURIE MEIGS

IN MEMORY OF URSEL C. NARVER  
COLIN NARVER

IN MEMORY OF JEANETTE NEILS REMOLE  
JOANNA RUTTER

IN MEMORY OF RICHARD AND  
MAURINE NEUBERGER  
ANN GOODSSELL

IN MEMORY OF DON ORAZEM  
MARGARET ORAZEM

IN MEMORY OF GUIDO RAHR  
WILLIAM RAHR

IN MEMORY OF JOHN REYNOLDS  
KAREN JOHNSON AND  
CYNTHIA BARRETT

IN MEMORY OF NANCY RUSSELL  
MARITA INGALSBE  
EDMUND FRANK AND EUSTACIA SU

IN MEMORY OF PAT SCANLON  
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IN MEMORY OF PATRICIA SIMS  
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JIM STRATTON

IN MEMORY OF GLEN E. STREAM  
JULIE STREAM

IN MEMORY OF NEIL SUTHERLAND  
LORI FREEMAN

IN MEMORY OF NOHAD AND  
DIRCE TOULAN  
DONALD AND SHIRLEY CLARK

IN MEMORY OF JANOS URMOS  
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MARTHA BOUCHER  
JOANNE GATZLAFF DUNATCHIK  
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IN MEMORY OF MATT WINTHROP  
HELGA MAASER  
LORING AND MARGARET WINTHROP



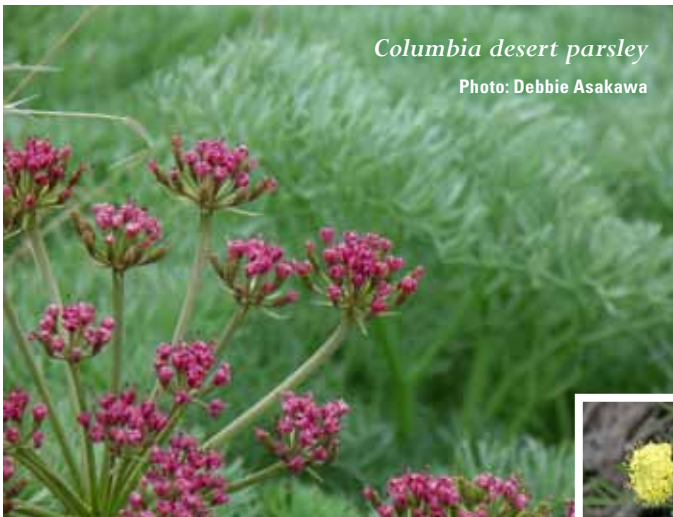
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## Friends of the Columbia Gorge

P.O. Box 40820  
 Portland, Oregon 97240-0820

# Know Your Gorge *More than a Pretty Face*

Pappy Corbitt, Pharmacologist and Friends volunteer



*Columbia desert parsley*  
 Photo: Debbie Asakawa



*Smooth desert parsley*  
 Photo: Angie Moore



*Suksdorf's desert parsley*  
 Photo: Angie Moore

The desert parsleys (*Lomatium* species) are a common sight in the eastern Gorge, and three species of desert parsley – Columbia, Smooth, and Suksdorf's, or *Lomatium suksdorfii* – exist nowhere else but the Columbia Gorge.

Of the desert parsleys, *Lomatium suksdorfii* is more than a pretty flower. Some Native American tribes of Nevada boiled *Lomatium* and used it for medicinal purposes, and during the influenza epidemic of 1917-18, these tribes exhibited fewer flu symptoms and suffered fewer deaths from influenza. Later, it was discovered that Suksdorf's desert parsley had antiviral properties and possibly helped provide immunity to the influenza virus.

Analogues of the compounds found in the *Lomatium* species are now being researched and used in the treatment of disease and development of drugs to treat HIV/AIDS. *Lomatium* is just one of the incredible medicinal wonders found throughout the Gorge!

For information about *Lomatium* research, see [www.ncbi.nlm.nih.gov/pubmed/7773621](http://www.ncbi.nlm.nih.gov/pubmed/7773621), or email Maegan Jossy, [maegan@gorgefriends.org](mailto:maegan@gorgefriends.org), for additional resources. ■

*Joseph "Pappy" Corbitt has degrees in pharmacology and pharmacognosy, and is currently writing a book on the medicinal and pharmaceutical uses of plants found in the Columbia Gorge.*

Join Pappy Corbitt on a hike on March 20 or 29 or April 19 to learn more about the pharmaceutical properties of Gorge wildflowers.