

# GreenScene

Discover nature in  
neighborhoods

FALL 2006



Salmon  
Festival at  
Oxbow  
Regional  
Park

Fall nature  
activities  
for all



METRO



## Dear GreenScene reader:



David Bragdon

**A**utumn has arrived, bringing along some of the most beautiful days for enjoying nature. This issue of GreenScene offers many opportunities to learn what the Metro Council is doing to practice conservation and protect habitat and water quality in our region.

This summer we opened Cougar Crossing at the Oregon Zoo, part of the final phase of the Great Northwest exhibit due for completion in 2007. This project showcases how native Northwest animals live in the wild, whether clambering over rocky mountaintops or swimming in rushing streams. Zoo staff and our community partners have created an exhibit

that demonstrates the value of healthy river and forest ecosystems and how much those habitats depend upon the wisdom of human decisions. The zoo's commitment to conservation education helps teach how awareness and responsible action positively affect the natural areas around us.

Preserving that authentic experience outside the zoo is also part of our job. The beautiful places protected by the Metro Council's 1995 bond measure shelter local birds, fish and other animals and provide recreation and respite for homo sapiens, as well. This fall, I invite you to come visit some of those special places with our peerless nature guides as they lead hikes on Cooper Mountain on the west side (Sunday, Sept. 24) or Mount Talbert on the east side (Sunday, Sept. 17). We are also offering outings to other sites protected by the 1995 bond measure, such as the Clear Creek tributary of the Clackamas River, Gotter Prairie on the Tualatin River and the Springwater on the Willamette Trail.

The Metro Council and our parks and facilities staff care about access to nature just as you and all other Oregonians do. This fall, when you find yourself hiking a regional trail or joining us for Salmon Festival at Oxbow Park, you're also enjoying the ability to encounter wildlife in its own habitat. While the zoo allows us to see animals up close, our regional natural areas give us a chance to glimpse native animals, or traces of them, in places where they actually live. And our

acquisition program protects that habitat and provides access to nature for future generations.

The Metro Council's dedication to conservation education and engagement in conservation activities has made significant contributions throughout the region. Whether you visit the Oregon Zoo, a regional park or one of our protected natural areas, you will return home refreshed and inspired.

David Bragdon  
Metro Council President



Tualatin River at Metro's Gotter Prairie.

C. Bruce Forster photo

### Metro

*People places • open spaces*

The need to protect clean air and clean water does not stop at city limits or county lines. Neither does the need for jobs, a thriving economy and good transportation choices for people and businesses in our region. Voters have asked Metro to help with the challenges that cross those lines and affect the 25 cities and three counties in the Portland metropolitan area.

A regional approach simply makes sense when it comes to protecting natural areas, caring for parks, planning for the best use of land, managing garbage disposal and increasing recycling. Metro oversees world-class facilities such as the Oregon Zoo, which contributes to conservation and education, and the Oregon Convention Center, which benefits the region's economy.

### Metro's web site

[www.metro-region.org](http://www.metro-region.org)

### Your Metro representatives

*Metro Council President*

**David Bragdon**

*Metro Councilors*

**Rod Park**, District 1

**Brian Newman**, District 2

**Carl Hosticka**, deputy council president, District 3

**Susan McLain**, District 4

**Rex Burkholder**, District 5

**Robert Liberty**, District 6

*Auditor*

**Alexis Dow**, CPA

### On the cover

The Sandy River, photo by Josh Kling; Chinook salmon, art by Roger Long.

### Illustrations by

Antonia Manda

**If you have a disability** and need accommodations, call (503) 797-1850, or call Metro's TDD line at (503) 797-1804. If you require a sign interpreter, call at least 48 hours in advance. Activities marked with this symbol are wheelchair accessible:

### Bus and MAX information:

(503) 238-RIDE (238-7433).

### To be added to the mailing list

or to make any changes, call (503) 797-1850 option 3.

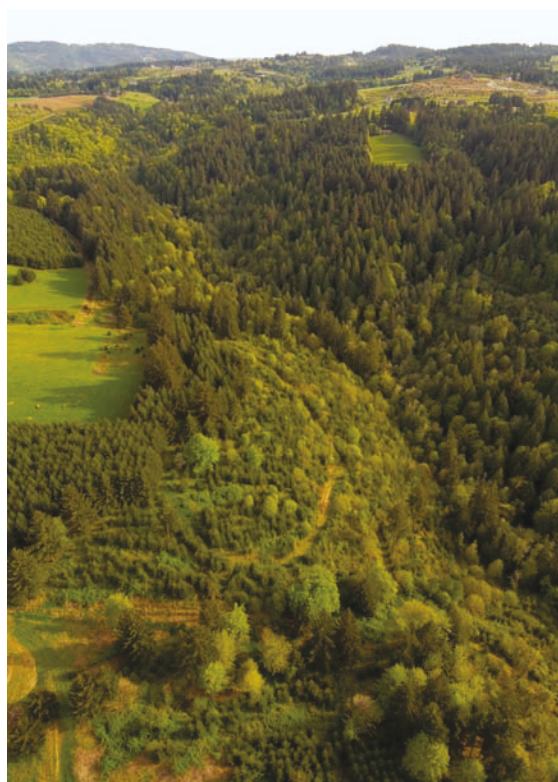


# Options secure natural areas for future acquisition

**T**his November, Ballot Measure 26-80 will ask voters of the metropolitan region whether to invest in a \$227.4 million bond measure to preserve natural areas, protect fish and wildlife and improve water quality.

If the measure passes, Metro will purchase between 3,500 and 4,500 acres of land from willing sellers to safeguard local rivers and streams, protect significant fish and wildlife habitat and connect urban areas with nature. The cost to property tax payers is estimated to be 19 cents per \$1,000 of assessed value. An owner of a home with the average assessed value will pay \$2.92 per month.

To secure key natural areas and illustrate the types of sites that would be protected by bond measure funds, Metro is obtaining options to purchase properties from willing sellers. The options program provides opportunities for Metro to identify properties of interest within specific regional target areas and enter into discussions with property owners who may be willing to sell their land to Metro if voters decide to invest in the bond measure. Sites that might not otherwise be available after the measure is decided in November have been secured.



*The headwaters of the lower Tualatin River are one of the proposed target areas in the natural areas bond measure.*

C. Bruce Forster photo

## Options obtained by Metro include:

### Tualatin River Headwaters

Nearly 53 acres of natural area that include 1.75 miles of stream frontage along Baker and Heaton creeks, two major tributaries of the Tualatin River. The property is less than half a mile from Metro's Gotter Prairie, a 120-acre restored natural area along the Tualatin River.

### Johnson Creek

More than 18 acres of wetland and upland properties along the Springwater Corridor Trail in Southeast Portland for restoration of fish habitat and enhancement of water quality in the Johnson Creek Watershed.

### Abernethy Creek

More than 100 acres of forested habitat lands in Clackamas County that include two tributaries of Abernethy Creek.

### Columbia Slough

A 19.5-acre site in the "Big Four Corners" area on the Columbia Slough, one of the few areas remaining in North and Northeast Portland with high potential for restoring fish and wildlife habitat.

In evaluating properties for possible purchase, Metro's natural areas acquisition staff consider and weigh a variety of criteria, including the size of a given parcel, the potential to protect and restore various wildlife habitat, opportunities to protect and enhance water quality, the potential for creating or enhancing existing trail connections or providing connections to existing parks and natural areas, opportunities for public access, and any expressed public support for protecting certain parcels of land.

Metro has already received many calls from local property owners who have expressed interest in selling or donating land to Metro for preservation in its natural areas program. If you think that you might own property in one of Metro's identified regional target areas and may be interested in selling all or a portion of your property for preservation as a natural area, or if you want to learn more about the natural areas acquisition program and how it operates, feel free to contact Metro's natural areas acquisition staff: William Eadie at (503) 797-1925 or Hillary Wilton at (503) 797-1845.

**More information** about Measure 26-80, including a list of regional target areas and descriptions of proposed local and neighborhood projects, can be found online at [www.metro-region.org/bondmeasure](http://www.metro-region.org/bondmeasure).

# Design underway for Cooper Mountain Natural Area

**M**etro is launching the next phase of the project for public use and enjoyment of Cooper Mountain. This summer, site design begins for the visitor improvements and habitat restoration as described in the adopted master plan for the natural area. Planned improvements include trailheads and parking with accompanying amenities at Kemmer and Grabhorn road entrances, approximately three miles of improved trails and a “nature house” where environmental education programs will take place.

A multi-disciplinary team possessing outstanding creative and technical expertise in creating public natural areas has been hired by Metro to develop the design and construction plans for Cooper Mountain. The team is led by LandCurrent, a landscape architecture firm, and includes SERA architects, Dean Apostol, Alpha Community Development and artist Robin Hostick, also of LandCurrent.



*A volunteer takes a break to enjoy the view at Cooper Mountain Natural Area.*

The construction budget is approximately \$1.5 million, with \$15,000 reserved for public art. Parallel to the design and engineering work, Metro will be overseeing and coordinating the wayfinding, visitor information and interpretive signs that will orient and inform users about the natural and cultural history and unique plants and animals that can be found at Cooper Mountain.

Metro is committed to updating and involving neighbors and the public as the next phase of the project begins. The main communication tools will include regular mailings of the Cooper Mountain Chronicle newsletter to residents

of Cooper Mountain and other interested persons. Updates will be posted to Metro’s web site at [www.metro-region.org/coopermountain](http://www.metro-region.org/coopermountain). Metro will convene a project working group comprised of neighbors and technical experts in order to receive timely input from stakeholders and neighbors during design development. The working group meetings will be open to the public. As the details of the conceptual plan become more concrete, Metro also intends to host onsite visits so those who are interested can walk and review flagged trail alignments and trail head layouts. Finally, Metro staff will be available to answer questions in person or by telephone or e-mail. Project manager Lora Price can be reached at (503) 797-1846 or at [pricel@metro.dst.or.us](mailto:pricel@metro.dst.or.us).

## Cooper Mountain natural area tour

**11 a.m. to 2:30 p.m. Sunday, Sept. 24**

**C**ooper Mountain is a great natural area to explore in autumn with a Metro naturalist. The site has an interesting geologic history, forests of different ages as well as many uncommon species of plants and trees, including the Willamette Valley ponderosa pine. Much of the Tualatin River watershed can be viewed from the site. Bring a snack and plenty of water. Terrain is steep in some places. All ages are welcome but children must be accompanied by an adult. Payment of \$5 per adult is required in advance; children are free. Call (503) 797-1715 to register. Directions will be mailed to you. *Metro*

## DESIGN AND CONSTRUCTION TIMELINE

**Fall 2006** – Design development, working group meetings and site visit

**Winter 2007** – Final design, construction, document preparations

**Spring to summer 2007** – Permitting and approvals

**Fall 2007** – Ground breaking (tentative)

**Spring 2008** – Grand opening (tentative)



## Volunteer improves Cooper Mountain for frogs and salamanders

By Summer Gadsby Goodwin, Metro intern

Although Dave Roon is from the Pacific Northwest, he hadn't met a red-legged frog until he joined Metro last fall as an AmeriCorps volunteer. Now he can recognize the call of local birds, identify amphibian egg masses in ponds and understands the importance of providing habitat in urban areas for this wildlife.

As the 2005-2006 coordinator for Metro's volunteer wildlife monitoring program, Dave matched volunteers interested in wildlife with Metro's need to collect data on certain amphibians and birds. This program helps track the impact of public use of natural areas on wildlife and evaluates habitat restoration efforts at the same time. Under Dave's coordination, 85 volunteers logged more than 743 hours this year alone.

Dave's interest in habitat restoration was piqued through his experience at Metro and while working toward a bachelor's degree in environmental science at Lewis and Clark College. So when it came time to design a community action project to complete his AmeriCorps service, Dave set his sites on Cooper Mountain Natural Area.

Many habitat enhancement projects are under way at Cooper Mountain Natural Area, but Dave is responsible for kick-



AmeriCorps volunteer Dave Roon turned an abandoned quarry into welcoming habitat for native frogs and salamanders.

starting the restoration of a pond in the abandoned quarry. At first he thought the quarry was unlikely habitat for amphibians because it was in such poor condition. However, the upland prairie and oak savanna habitat that dominate Cooper Mountain mean that for three species (red-legged frogs, Pacific chorus frogs and long-toed salamanders) the pond formed in the quarry is the only breeding habitat in the area. This makes the restoration of the pond that much more important.

While habitats are complex systems, restoration tools are rather simple. Woody debris is added to provide shade and shelter for wildlife and bolsters the rocky landscape, in which plants have a hard time growing roots. Planting native shrubs, sedges and rushes creates additional protection from predators, a corridor to other riparian areas and a breeding ground for amphibians.

Visitors to the site might notice some odd-looking things made of wood in the pond. These are called engineered long woody debris. The woody structures are lined with burlap then filled with soil to serve as a planter boxes for integrating the newly added plants into the landscape. Over time the vessels decompose and the plants become part of the landscape.

Dave's efforts will not go unnoticed. Cooper Mountain Natural Area will be open to the public in the near future. The quarry will serve as an interpretive site to show visitors the value of habitat restoration and teach about local wildlife species.

### Volunteer monitoring interns wanted

Metro is recruiting three volunteer interns to help coordinate the wildlife monitoring program. Metro scientists use to measure the impact of restoration work on key species. Interns will act as a liaison between Metro staff and volunteer bird and amphibian monitors to ensure that sites are properly monitored and volunteers have a positive experience. Call Beth Gergick at (503) 797-1733 or send e-mail to [gergickb@metro.dst.or.us](mailto:gergickb@metro.dst.or.us).



Dave Roon

# A walk from summit to sea at Metro's Oregon Zoo



*By Summer Gadsby Goodwin, Metro intern*

**M**ountain goats nibble on grass growing on a rocky slope. Salmon swim upstream alongside rainbow trout. Two cougars bask in the sun. A beaver chews on a tree. Mergansers swim across a pond. Sea lions do belly flops into the water.

The Oregon Zoo's Great Northwest project takes visitors from the crest of the Cascade Mountains to the shores of the Pacific Ocean and provides a safe view and nice hiking trail to get them there. The zoo partnered with almost 20 organizations to put together the Great Northwest project, which began opening in phases in 1998 with Cascade Crest. The majority of the project is completed and open to the public, with the final component, Black Bear Ridge, opening in 2007.

Cascade Crest, Eagle Canyon, Cascade Streams, Cascade Canyon Trail, Trillium Creek Family Farm and Steller Cove make up the multi-exhibit Great Northwest project. Each piece tells the story of animals that live in the Northwest, from bald eagles and mountain goats to sea otters and endangered salmon.

Metro Councilor Brian Newman thinks telling the stories of these animals is important. "The zoo shouldn't just be about faraway places and exotic animals," says Newman. "It should give people a unique opportunity to interact with the wildlife that lives in our own backyard. The Great Northwest project engages people of all ages and backgrounds in the important conservation efforts under way in our region."

A walk from the summit to the sea of the Great Northwest project begins at Cascade Crest, a replica of an alpine area in the Cascade Mountains, featuring mountain goats. A visit to the snow cave reveals insects who live in the snow bank.

A newly installed suspension bridge, which opens in 2007, takes you to a one-of-a-kind exhibit. Eagle Canyon marks the first time that bald eagles and endangered salmon are featured in the same enclosure. Designed to educate all ages about these remarkable creatures and their vital role in the ecosystem, Eagle Canyon offers a bird's eye view into the nest of a bald eagle. Kids can even climb into a gigantic artificial nest.

As you hike down the mountain trail you enter Cascade Streams, where beavers, river otters and ducks swim and play. A

conservation section here highlights the zoo's work to protect local endangered species including the western pond turtle and the silverspot butterfly.

The re-introduction of western pond turtles into the wild is part of a collaborative effort among Oregon Zoo, Woodland Park Zoo, Bonneville Power Administration (BPA), Washington Department of Fish and Wildlife, and U.S. Fish and Wildlife Service. The zoo returned 58 endangered western pond turtles – a species on the verge of extinction in Washington a decade ago – back to the wild this year. The turtles were given a head start at the zoo's Cascade Streams exhibit, where they spent nine months growing large enough to avoid being eaten by predators. Once they reached a suitable size of about 70 grams (a little more than 2 ounces), they were returned to their homes in the Columbia River Gorge where they are monitored for safety.

The next stop on the walk is Cascade Canyon Trail, which contains Black Bear Ridge and Cougar Crossing, and is the final phase of the Great Northwest project. Black Bear Ridge will house bobcat and black bear and opens in 2007; Cougar Crossing opened in August. Cougar Crossing features Takini and Chinook, both orphaned female cougars. To encourage climbing, trees were left in the exhibit and a rock wall with ledges was built. The top of the exhibit is covered with mesh to keep the animals safely inside. The design also provides several unobstructed views. "Very little separates visitors from the cougars," says Oregon Zoo Director Tony Vecchio. Around the corner, a second viewing area gives visitors an even closer view. A heated rock ledge is nestled against a large glass window built into a rock wall, which allows visitors to come face-to-face with the cougars.

Next door, the Trillium Family Farm provides the link back from the wild to the urban habitat to which most zoo visitors are more accustomed. The farm is a safe, fun place where children, adults and families become more aware of how and where their food is produced. More than 1.3 million annual visitors learn about the importance of conserving genetic diversity through the examples provided by rare, domestic breeds of livestock including sheep, goats and chickens. Responsibility and respect for animals, cornerstones of Metro and the Oregon



Zoo's philosophy, are clear at the farm and throughout the Great Northwest project exhibits.

Around the corner from the farm, Steller Cove teaches about coastal etiquette at the tide pool. Here you can also take an underwater look at the kelp forest and see some of the most charismatic of the zoo's animals, southern sea otters.

For information about visiting the zoo, call (503) 226-1561 or visit [www.oregonzoo.org](http://www.oregonzoo.org).

## *New backyard habitat workshops offered at Metro's Oregon Zoo*

### **Backyard habitat basics**

9:30 a.m. to 1 p.m. Saturday, Oct. 21

In this workshop you will discover the key elements to include in your garden to make it inviting to a variety of wildlife. Not all gardens are the same and animals have different preferences, so experts will be on hand to help you create the habitat that will best match your location and tell you which animals you are likely to attract. You'll even get a chance to tour the grounds with zoo horticulture staff as they point out how the zoo creates habitat for animals in and outside zoo exhibits. Resource materials included. \$40 for zoo members; \$50 for non-members. Advance registration required. For more information, visit [www.oregonzoo.org](http://www.oregonzoo.org) or call (503) 220-2781. *Oregon Zoo* & by arrangement

### **Attracting wildlife to your yard**

9:30 a.m. to 1 p.m. Saturday, Nov. 18

Go beyond the basics to discover the details of attracting wildlife to your own backyard. What plants will appeal to cedar waxwings? What does it take to create a home for amphibians? Discover how to make your yard wildlife friendly all year round. Explore how your yard can become part of a larger habitat. Learn about wildlife corridors and greenspaces and how you and your neighbors can get connected. Resource materials included. \$40 for zoo members; \$50 for non-members. Advance registration required. For more information, visit [www.oregonzoo.org](http://www.oregonzoo.org) or call (503) 220-2781. *Oregon Zoo* & by arrangement



## Natural gardening

Natural gardeners are on the front lines of the movement to protect clean water for fish, wildlife and people and keep nature in every neighborhood in the region. And they've got the muddy knees to prove it.

Whether you've been gardening with native plants for decades or have just begun to use fewer chemicals in your yard, you are part of a growing group of people who are making a real difference to the health and livability of the region. Through its Nature in Neighborhoods initiative, Metro offers the following resources:

### **Natural gardening seminars and presentations**

Arrange a free presentation for your group of 20 or more or attend one of Metro's seminars or presentations offered in spring and summer. (503) 234-3000 [www.metro-region.org/gardening](http://www.metro-region.org/gardening)

### **Metro Recycling Information**

Talk to real people with fast, friendly information about natural gardening and composting as well as recycling, waste prevention and alternatives to hazardous household products. (503) 234-3000 [www.metro-region.org/recycling](http://www.metro-region.org/recycling)

### **Metro's Natural Techniques Demonstration Garden**

See natural gardening in action at Metro's chemical-free demonstration garden, open every day April through October from 10 a.m. to 3 p.m. Talk to an expert on Saturdays. 6800 SE 57th Ave., Portland

### **Compost bins**

Purchase the popular Earth Machine compost bin for \$35 at the Metro-Paint store. 4825 N. Basin Ave., Swan Island, Portland (503) 234-3000

### **Nature in Neighborhoods grants**

Metro is helping community groups, neighbors, schools, businesses, non-profit organizations, government agencies and property owners initiate nature-friendly projects. [www.metro-region.org/nature](http://www.metro-region.org/nature)

### **Keep your neighborhood clean**

Get involved with your neighborhood association or a local nonprofit organization to clean up your neighborhood. Metro supports community cleanup activities by offering free disposal of waste from events sponsored by eligible organizations. To report an illegal dumpsite, call Metro Recycling Information at (503) 234-3000, or fill out a form online at [www.metro-region.org](http://www.metro-region.org).



**Keep Nature in Neighborhoods**



# The Sandy River – a wild river reborn

**S**tanding on the shore of the Sandy River at Oxbow Regional Park during the Salmon Festival, watching Chinook spawn in the river's shallow riffles, you might not realize you're in a river basin of more than 500 square miles, a wild river preserve in a metropolitan area unmatched in the world.

At Oxbow Regional Park, you're at river mile 12 of the Sandy's 56-mile length, its headwaters originating at Reid Glacier high on Mount Hood, its mouth at the Columbia River. When you took the roads to the park's entrance, winding steeply downhill, you were traveling into the Sandy River Gorge, one of Oregon's most scenic river canyons. In some places the walls rise 700 feet above the river.

Two reaches of the Sandy River (totaling 24.9 miles) are designated a national Wild and Scenic River. The upper section, beginning at the headwaters, is renowned for spectacular scenery, fascinating geologic formations and wilderness experiences. The lower Sandy claims a deep, winding forested gorge, anadromous fish runs and beautiful parks.

The Sandy River got its modern name from the sediment and deep silt deposited by fast-moving mudflows of three major Mount Hood eruptions over the last

15,000 years. The latest mudflow, in the late 1700s, occurred just a few years before Lewis and Clark's journey, when Clark "attempted to wade this stream and found the bottom a quick sand, and impassable." They named it "Quicksand River." In fact, the Sandy has the highest percentage of glacial melt of any Oregon river.



*When Portland General Electric (PGE) removes two dams in the Sandy River Basin, one next summer and one in 2008, the Sandy River will once again be free-flowing from its headwaters on Mt. Hood to its mouth at the Columbia River. Lake Roslyn will be drained and restored, and PGE will donate 1,500 acres of land for conservation and recreation.*

*A coalition of agencies and organizations are working together to improve water quality, restore wildlife habitat and recover a heritage of strong salmon runs in the Sandy River.*

Josh Kling photo

The annual Salmon Festival celebrates the return of fall Chinook salmon. The Sandy used to be a great river for salmon. Today, wild runs of anadromous fish on the Sandy are only 10 to 15 percent of historical numbers. Chinook, coho and steelhead have been listed by the federal government as threatened species.

The many impacts on the river and its tributaries – the Zigzag, Salmon, Little Sandy and Bull Run rivers – have included over-fishing, clear-cut logging and sawmill activity. Portland's Bull Run drinking water system reduced flows and altered water temperature. The Marmot and Little Sandy dams blocked fish migration. Together these have all had a cumulative effect on the health of the Sandy River basin's waters and wildlife.

All that is changing. Progress has already been made through the partnership of a dozen government, private and nonprofit organizations working together to protect and restore thousands of acres of lands along the length of the Sandy River. In the near future more big changes are afoot.

A key protection strategy that has picked up steam in the past decade is the acquisition and donation of land. Portland General

Electric (PGE), in an agreement with Western Rivers Conservancy, plans to dismantle Marmot Dam in 2007, the Little Sandy Dam in 2008, donate its water rights to the public and contribute more than 1,500 acres of its related lands. With funds from the 1995 open spaces, parks and streams bond measure, Metro has also been protecting land

in the Sandy River Gorge, acquiring more than 1,000 acres for the public. Metro owns and manages three river islands – Gary, Flag and Chatham – along with the 1,200 acres that make up Oxbow Regional Park. Smaller, strategic acquisitions have been made by The Nature Conservancy which today has protected 435 acres in the Gorge between Dodge and Oxbow parks, along with 300 acres on the Little Sandy River.

Habitat restoration is another critical piece of the overall strategy to enhance fish runs and improve the basin's health. The U.S. Forest Service is restoring 1,400 acres of the Sandy River delta at its confluence with the Columbia with long-term plans to reestablish 600 acres of Columbia River bottomland riparian forest and 200 acres of wetlands. The Nature Conservancy and Metro have been working with private landowners to eradicate invasive Japanese knotweed, which threatens the river's riparian habitat. And the Portland Water Bureau is creating a habitat conservation plan to improve water flows, water temperature and habitat in the Bull Run watershed and Sandy basin.

The Sandy River Basin Partners, a coalition of more than a dozen public agencies and private organizations, has developed a science-based restoration strategy to benefit threatened fish species and restore the Sandy basin to health. This effort will likely result in investments of more than \$100 million dollars in habitat restoration activities in the basin over the next 50 years. Neighbors, volunteers and people from all over the metropolitan area are also helping to protect and restore this remarkable resource.

Stand at Oxbow Regional Park along the Sandy River shore and peer upriver and down. The rushing waters are flowing from mountain glacier through canyon and gorge, ancient forest, home of black bear and bobcat and ancestral salmon spawning grounds. With a lot of work and renewed dedication, the Sandy remains a river wild.

**23RD ANNUAL**

## **Salmon Festival** at Metro's Oxbow Regional Park

**10:30 a.m. to 5 p.m.**  
**Oct. 14 and 15**



**F**or thousands of years, fall Chinook salmon have struggled upstream from the Pacific Ocean to return to their birthplace in the Sandy River Gorge and give life to the next generation. This epic journey is both legend and science, tied to the past, present and future of this region by culture, biology, art and economy. The annual Salmon Festival at Oxbow Regional Park celebrates this special connection between people and wild salmon and inspires us to value clean water and healthy watersheds.



*Turn the page to find out more about the festival.*






## Things to do at the salmon festival

A cluster of tents at the foot of an ancient forest is home to the main festival area, which features live music and storytelling, engaging activities for children, arts and crafts demonstrations, information booths, a salmon barbecue and a food court.

Further into the park, visitors encounter Wy-Kan-Ush-Pum Village, the School of Fish and the salmon walks. Wind your way through the festival on wooded trails or hop on a horse-drawn wagon to get from place to place.

Don't be afraid of those clouds – the festival is “weatherized” with entertainment, exhibits, food areas and many activities under cover.

 The main festival area and Wy-Kan-Ush-Pum Village offer wheelchair access. An accessible shuttle and restrooms also are available.

### Wy-Kan-Ush-Pum Village

See salmon through the eyes of the fishing tribes of the Columbia Basin at the Wy-Kan-Ush-Pum Village. Visitors are invited to participate in a variety of traditional activities including storytelling, beading, weaving, fishnet tying, drumming, dancing, hide tanning, flint knapping and drum making. Discover the history of tribal fishing – from bone hooks to modern methods – and learn about the tribes' efforts to restore salmon runs.



### School of Fish

Be sure to visit the School of Fish at the river's edge, a fun and educational part of the Salmon Festival with hands-on activities for children and adults. Experience the life cycle of salmon and climb into a life-sized salmon nest. Check out a large and realistic model of Mt. Hood and the Sandy River watershed and watch as a stream is formed before your very eyes.



### Nature walks

Enjoy a guided walk into the ancient forest with a naturalist, or take a self-guided stroll to the banks of the river to see salmon spawning. Fish biologists will be at the river's edge to point out what can be seen in the water and answer your questions.

### Festival information

**Entry fee** is \$8 per vehicle or \$12 per bus.

*Pets are not allowed.*

#### 2006 festival hosts

- Columbia River Inter-Tribal Fish Commission
- Metro
- Mt. Hood National Forest
- City of Portland Water Bureau
- Western Rivers Conservancy

#### 2006 festival sponsors

- Portland General Electric
- Bureau of Land Management
- Columbia Sportswear
- Portland Tribune

### SALMON FESTIVAL HELP WANTED

A large part of the spirit of the Salmon Festival comes from the generosity and stewardship of more than 150 volunteers who contribute time and energy every year to make it a success. Volunteers receive free admission to the festival and a token of appreciation. For more information, call (503) 797-1733 or visit [www.metro-region.org/salmonfestival](http://www.metro-region.org/salmonfestival).



# Fall calendar

ENJOY NATURE IN NEIGHBORHOODS

## Nature discoveries

### Bird watching

#### Lunch with the birds noon to 1 p.m. every Wednesday

Meet a Jackson Bottom naturalist and spend your lunch hour learning how to identify waterfowl and other birds at Jackson Bottom Wetlands Preserve. Spotting scopes, binoculars and field guides will be provided. Meet at the north viewing shelter next to the Clean Water Services treatment plant on Highway 219 south of Hillsboro. Free. Registration is not required. For more information, call (503) 681-6278. *Jackson Bottom Wetlands Preserve* ♿

#### Shorebirds and waders at Smith and Bybee Wetlands

9:30 a.m. to noon Saturdays, Sept. 16 and Oct. 7  
The water control structure at Smith and Bybee Wetlands has reconnected the wetlands with

the Columbia Slough and the Willamette/Columbia system. As a result, tidal mudflats have been developing in Bybee Lake in the fall, and this habitat is a shorebird and wader magnet. The number and variety of shorebirds haven't been this good in decades, so Metro naturalist James Davis is offering two field trips focused on sandpipers, herons and their relatives. The group may visit the mudflats near the old St. Johns Landfill, an area that is accessible to the public only during these trips. Suitable for adults and young birders age 12 and older. Registration and payment of \$5 per adult is required in advance; children are free. Call (503) 797-1715 to register. Directions will be mailed to you. *Metro* ♿

#### Migrating raptors at Jackson Bottom

10:30 a.m. to 12:30 p.m.  
Saturday, Sept. 30  
Join instructor Heidi Lambek at Jackson Bottom Wetlands Preserve to learn about migrating raptors via a classroom presentation and a

walk in the preserve. Suitable for beginning birdwatchers age 13 and older. Bring binoculars if you have them. Free. Advance registration is required; call Jan at (503) 681-6283. *Jackson Bottom Wetlands Preserve*

#### Ridgefield BirdFest

10 a.m. to 5 p.m. Saturday and Sunday, Oct. 14 and 15  
Celebrate the fall migration of birds and waterfowl at the 6th annual BirdFest at Ridgefield National Wildlife Refuge. Enjoy live bluegrass music, wildlife viewing activities, cultural and archaeological lectures, kayak tours and a variety of family-oriented activities scheduled throughout the weekend. Free. For more information, visit [www.ridgefieldfriends.org](http://www.ridgefieldfriends.org) or call (360) 887-9495. *Friends of Ridgefield National Wildlife Refuge*

#### Autumn birds at Smith and Bybee Wetlands

9:30 a.m. to noon Saturday, Oct. 21 and Nov. 4  
By this time of year wintering waterfowl and raptors, as well as resident birds, will have arrived at Smith and Bybee Wetlands and some fall migrants will still be moving through the area. The falling cottonwood leaves sometimes cover the trail giving it that beautiful "yellow brick road" look. Flocks of noisy geese descending through the golden light make the season obvious. Meet naturalist James Davis in the natural area parking lot on North Marine Drive. Bring binoculars or borrow a pair of ours. Spotting scopes will be provided. Suitable for adults and children 10 and older. Free. Advance registration is required; call (503) 797-1715. *Metro* ♿

#### Meet the trees at Hoyt Arboretum

11 a.m. to 3 p.m. Saturdays, Sept. 2, 9, 16, 23 and 30  
Meet the trees at Hoyt Arboretum. Kids get a free tree activity map; adults get a tree collection tour map. Everyone gets lemonade! Free. Registration is not required. For more information, visit [www.hortarboretum.org](http://www.hortarboretum.org) or call (503) 823-3602. *Portland Parks and Recreation* ♿

#### Bull Run watershed tours

8:30 a.m. to 4:30 p.m. Saturdays, Sept. 9 and Oct. 14  
Don't miss this opportunity to see Portland's tap water at its source. Learn about the protected resources that provide Portland with uniquely high quality drinking water. \$15. For more information, visit [www.portlandonline.com/water](http://www.portlandonline.com/water). To register, call (503) 823-7407. *Portland Bureau of Water Works* ♿ by arrange-

#### Upper Johnson Creek watershed bike ride

9 a.m. to 1 p.m. Saturday, Sept. 9  
Join Jim Labbe from Audubon Society of Portland and Jeff Uebel from Johnson Creek Watershed Council for a bike ride through the upper Johnson Creek Watershed via the Springwater Corridor Trail and low-traffic roads. Learn about efforts to protect and restore Johnson Creek, Portland's largest tributary to the Willamette River. Participants are responsible for bringing and maintaining their own bicycles; helmets are required. Directions and other details will be mailed to registrants. Free. Register online at [www.audubonportland.org](http://www.audubonportland.org). *Audubon Society of Portland*



Western sandpiper

Jim Cruce photo

### Hiker's wildlife survey orientations

10:30 a.m. to 12:30 p.m.  
Saturday, Sept. 9, Oct. 14 and Nov. 11

Join instructor Cara Goodwin at Jackson Bottom Wetlands Preserve to become familiar with the preserve trails and learn wildlife identification, observation techniques and a method for collecting data. For adults and children age 9 and older. Bring binoculars if you have them. Free. Advance registration is required; call Karen at (503) 681-6206.

*Jackson Bottom Wetlands Preserve*

### Fanno Creek Greenway Trail walk

9 a.m. to noon Saturday,  
Sept. 16

Tour the Beaverton/Tigard section of the Fanno Creek Greenway Trail, a 15-mile multi-use trail planned from the Willamette River in Portland to the Tualatin River in Tualatin. Begin at the Denney Road trailhead west of Highway 217 in Beaverton and take a 5-mile round trip that includes Fanno, Greenway, Woodard and Vista parks. Hear about plans for completion of the trail. Free. To register, call Bob Bothman at (503) 244-7206. *Tualatin Hills Park and Recreation District Trails Committee* ♿

### Mt. Talbert natural area tour

12:30 to 3:30 p.m. Sunday,  
Sept. 17

Mt. Talbert is a 144-acre natural area on top of the largest undeveloped lava butte in northern Clackamas County. Join Metro naturalist James Davis for an autumn walk on this site acquired with funds from the 1995 open spaces, parks and streams bond measure. You should see some migrating songbirds as well as the year-round residents. This should also be the beginning of the mushroom season and we will do our best to figure out what fungus we encounter

with beginning mushroom identification skills. Bring binoculars or borrow some of ours. Trails are moderately steep and can be a bit rough or muddy. Suitable for adults and children 10 and older. Free. Advance registration is required; call North Clackamas Parks and Recreation District at (503) 794-8080 by Sept. 11. You will receive directions to the site after you register. *Metro and North Clackamas Parks and Recreation District*

### Natural Cycles art exhibit family day

10 a.m. to noon Sunday,  
Sept. 17

Join in a community celebration of a new art exhibit featuring local examples of natural art installed along the Trillium Trail at Tryon Creek State Natural Area. Natural Cycles is a collaborative project with the Regional Arts and Culture Council that aims to generate a new awareness of the park as a natural masterpiece. Free. Advance registration is not required. For more information, call Christal at (503) 636-9886 ext. 25. *Tryon Creek State Natural Area*

### Aquifer adventure noon to 4 p.m. Saturday, Sept. 23

Ahoy there, matey! Come to a free pirate-themed treasure hunt, with games, prizes and canoe rides led by real pirates. Prepare to walk, canoe and explore the mysteries of groundwater and the Columbia Slough as you search for hidden treasure. Suitable for all ages. No registration is required. The event will take place at the 40-mile Loop trailhead at 16550 NE Airport Way in Portland. Free. Registration is not required. For more information, call (503) 281-1132. *Columbia Slough Watershed Council and Portland Bureau of Water Works* ♿ by arrangement

### Salamanders to Stars

7 to 10 p.m. Saturday,  
Sept. 23

Bring the whole family to a night full of nature at Jackson Bottom Wetlands Preserve in Hillsboro. Explore the preserve, make your own comet, learn about owls, amphibians and other wildlife. After the sun goes down, open your eyes to the wonder of the stars with the Rose City Astronomers. Facilities and some trails are wheelchair accessible. Free. Advance registration is not required. For more information, call (503) 681-6278. *Jackson Bottom Wetlands Preserve* ♿

### Washington Park byways, gardens and landmarks

10 a.m. to 1 p.m. Saturday,  
Sept. 23

Join author Laura O. Foster to explore serene parts of Washington Park that were once impacted by violent geologic upheaval. Discover the stories behind the city's historic reservoirs, a focus of conflict from their origins in the 1890s to today. The original 1871 entrance to Washington Park is now seldom used, but welcomes visitors to a deeply wooded hillside rich with history and beauty. Become an urban archeologist as we investigate remains of the park's 1880-era zoo site and discover how Forest Park was created. The group will explore along a 3- to 4-mile route that includes paved trails, steep and uneven stairs, and hills. Bring water and sturdy shoes or boots. Advance registration is required; call (503) 223-5449 or send e-mail to [stephen@friendsofforestpark.org](mailto:stephen@friendsofforestpark.org). *Friends of Forest Park*



### Walk or Run for the Wildwood

8:30 a.m. to 2 p.m. Sunday,  
Sept. 24

Walk, run or mosey your way though your choice of two beautiful courses along the Wildwood Trail in Forest Park. Hang around afterward for a morning of fun for the entire family including arts and crafts, games, food, raffle prizes and music in Lower Macleay Park. This 7th annual event is a benefit for the Friends of Forest Park trail program. Register by Sept. 21. For more information, visit [www.friendsofforestpark.org](http://www.friendsofforestpark.org) or call (503) 222-6454. *Friends of Forest Park and Keen Footwear*

### Kids' night out at Tryon Creek

6 to 9 p.m. Friday, Sept. 29

Children ages 7-12 can join in a "kids only" evening all about bats at Tryon Creek State Natural Area. Enjoy a pizza party, nighttime park explorations, crafts and games. Use an echolocation detector to find bats, the furry flying mammals of the forest, as they hunt for insects. Learn where they live, what they eat, and why they are important to the forest ecosystem. \$22 for members; \$25 for non-members. To register, call (503) 636-4398. *Tryon Creek State Natural Area*

### Neighborhood foraging adventure

1 to 4 p.m. Sunday, Oct. 1

Join wild food expert John Kallas for a neighborhood foraging adventure. Bush-whack your way through Portland's urban neighborhoods to find some of fall's best delectables – nuts, fruits and greens. Wild and landscaped edibles will be devoured. Wear comfortable walking shoes that can get dirty. Meet at 4125 N. Colonial Ave. in Portland. \$20 per person. Advanced registration required; call (503) 775-3828. *Wild Food Adventures*

# Calling all “shroomers”



Jane Dunkin photo

## Mushrooms of Tryon Creek

1:30 to 4:30 p.m.

Wednesday, Oct. 2

Join Oregon Mycological Society presenter Maggie Rogers for a fabulous afternoon of mushrooming at Tryon Creek State Natural Area. Begin the workshop with stories of mushroom identifying and collecting, complete with a slide show and hands-on samples. Then hit the trail to discover what species the Tryon woods contain. Suitable for ages 16 and older. \$15 for members; \$13 for non-members.

To register, call (503) 636-4398. *Friends of Tryon Creek State Park*

## Ancient forest mushroom class

2 to 4 p.m. Sunday, Oct. 8

Join mycologist Gary Slone for a two-hour class that ends with a walk on an easy trail in the old growth forest at Oxbow Regional Park. Gary will discuss mushroom classification and edibility, and then participants will gather, identify and compare specimens. Beginning and experienced “shroomers” age 12 and older are welcome. Dress warmly. Meet at Alder Shelter (picnic area “A”). Registration and a fee of \$10 per person are required in advance. There is a \$4 per vehicle entry fee payable at the park. Call (503) 797-1715 to register. *Metro*

## Mushrooms at Smith and Bybee Wetlands

1:30 to 3:30 p.m.

Saturdays, Oct. 21 and Nov. 4

Join naturalist James Davis for an exploration of the fungi at Metro’s Smith and Bybee Wetlands Natural Area. On this beginner’s mushroom walk we’ll be talking about the basics of mushrooms and other fungi and how to go about identifying this complicated group of strange and fascinating life forms. We will not be able to identify everything we see, but we will do our best and will enjoy the amazing variety of shapes, colors, textures and smells that make these life forms so intriguing. Suitable for adults and children 12 and older. Meet in the natural area parking lot on North Marine Drive. Registration and payment of \$5 per adult is required in advance; children are free. Call (503) 797-1715 to register. *Metro* ♿

## Introduction to wetlands ecology at Jackson Bottom

7 to 9 p.m. Thursday, Oct. 12

Learn more about wetlands—their benefits, basics of delineation, associated wildlife and vegetation. Join instructor Arielle Tozier de la Poterie at Jackson Bottom Wetlands Preserve for an evening of enjoyable interactive learning. Suitable for adults and children 10 and older. Free. Advance registration is required; call Jan at (503) 681-6283. *Jackson Bottom Wetlands Preserve* ♿

## Animal tracking workshop

10 a.m. to 1 p.m. Saturday, Oct. 28

Oxbow Regional Park is rich in tracks at this time of year, when beaver, otter, fox, mink, mouse and deer often leave clear footprints in the sand. With practice, you can learn to read the ground like a book. We will also learn to make plaster casts of animal tracks. Local tracker Terry Kem will introduce you to the basics of track identification and interpretation and the awareness and stealth skills needed to watch wildlife

at close range. Suitable for adults and families. Bring a snack and meet at the floodplain parking area. Registration and a \$10 fee are required in advance. There is a \$4 per vehicle entry fee, payable at the gate. To register, call (503) 797-1715. *Metro*

## Clear Creek natural area tour

12:30 to 3:30 p.m. Saturday, Oct. 28

Join Metro naturalist James Davis for a natural history tour of one of the most beautiful properties protected by Metro’s natural areas acquisi-

tion program. This forested tributary of the Clackamas River has excellent water quality and significant wild fish runs. Deer, coyote, beaver and river otter sign are common and there is a good variety of other wildlife, plants, and plenty of fungus in the fall. James will do his best to identify what mushrooms we find, but this will certainly be at the beginner’s level. Bring your binoculars or borrow a pair of ours. There will be leisurely walking for 2 to 3 miles over uneven terrain on old dirt roads. Suitable

*Continues*



for adults and children 10 and older. Registration and payment of \$5 per adult is required in advance; children are free. Call (503) 797-1715 to register. Directions will be mailed to you. *Metro*

### Groundwater 201 workshop

9 a.m. to 1 p.m. Saturday, Nov. 4

Find out how groundwater works, what role it plays in our drinking water system and what needs to be done to protect this important resource. The workshop will build on the principles discussed in Groundwater 101. Free. To register, call (503) 281-1132. *Columbia Slough Watershed Council* ♿

### Show and tell nature night at Jackson Bottom

7 to 9 p.m. Thursday, Nov. 9

Bring your own story about great outdoor wildlife experiences, or just come and hear the cool nature adventures of others at Jackson Bottom Wetlands Preserve. Limited to about seven minutes per person. Suitable for adults and children 10 and older. Free. Advance registration is required; call Jan at (503) 681-6283. *Jackson Bottom Wetlands Preserve* ♿

### Springwater on the Willamette and Oaks Bottom

1 to 3 p.m. Sunday, Nov. 12

Join Metro naturalist James Davis for a leisurely stroll along the Springwater on the Willamette Trail. This section of the Springwater Corridor provides great access to Oaks Bottom Wildlife Refuge, a longtime favorite bird watching spot and the first city park in the country to be designated a wildlife refuge. Explore this urban wetland and let James introduce you to the variety of wintering

birds. Suitable for teens and adults. Bring binoculars or borrow a pair of ours. Meet in the parking lot of Sellwood Riverfront Park on Southeast Oaks Park Way. Registration and payment of \$5 per adult is required in advance; children are free. Call (503) 797-1715 to register. *Metro*



### Thanksgiving walk

10 a.m. to noon Sunday, Nov. 19

Take time to enjoy and celebrate the simple gifts of nature at Oxbow Regional Park with Elisabeth Neely, the park naturalist, Terry Kem from Deerdance School and others. On an easy walk along the river, we'll focus on opening our senses and noticing how wildlife responds to the changing season. Then gather around the campfire circle as the naturalists share the "Thanksgiving Address" passed down by the Iroquois Nation. This is a simple and moving way to express appreciation for our connections to nature. Hot drinks will be provided. Suitable for adults and families. Meet at the boat ramp. Free with park entry fee of \$4 per vehicle. Advance registration required; call (503) 797-1715. *Metro*



## Pioneer cemeteries

### Lone Fir Pioneer Cemetery tours

10 a.m. to noon Saturdays, Sept. 9, Oct. 14, Nov. 11 and Dec. 9

Embark on a unique history lesson while enjoying the beauty and tranquility of Metro's Lone Fir Pioneer Cemetery in Southeast Portland. The tour highlights Portland's founders, early pioneers and nationally-recognized figures, as well as interesting headstones and monuments. Explore 30 acres of mature trees and a very special rose garden. Suitable for all ages. Meet at the main entrance at Southeast 21st Avenue and Morrison Street. Advance registration is not required. A suggested donation of \$10 goes to

headstone restoration and educational programs. For more information, call (503) 775-6278. *Friends of Lone Fir Cemetery* ♿ by arrangement

### Tour of Untimely Departures

6 to 9 p.m. Tuesday, Oct. 31

Experience Portland's oldest cemetery after dark! Frequent guided tours offer a look at a bit of Portland's darker side. Suitable for all ages. Meet at the main entrance at Southeast 21st Avenue and Morrison Street. Advance registration is not required. A suggested donation of \$5 goes to restoration and educational programs. For more information, call (503) 775-6278. *Friends of Lone Fir Cemetery*

### Veteran's Day celebration at Lone Fir Pioneer Cemetery

2 p.m. Sunday, Nov. 12

Gather at the Soldier's Monument at Metro's Lone Fir Pioneer Cemetery for an event in honor of war veterans and the dedication of a new flag pole erected on the site. Activities will include music and historical presentations with period flags and costumes. Lone Fir, founded in 1855, is located between Southeast 20th and 26th avenues and Morrison and Stark streets in Portland. For more information, call (503) 797-1709.



*Soldier's Monument at Lone Fir Pioneer Cemetery.*

## Paddle trips

### Tualatin River paddle trip

11 a.m. to 2 p.m. Saturday, Sept. 9

Join the Tualatin Riverkeepers for a beginner's level paddle from Cook Park in Tigard. \$5 for members; \$10 for non-members. Canoes can be rented for \$20 and are free for members. To register, call (503) 620-7507. *Tualatin Riverkeepers*

### Fall paddle trip

11 a.m. to 2 p.m. Saturday, Sept. 30

Join the Tualatin Riverkeepers on a paddle from Tualatin Community Park in Tualatin. \$5 for members; \$10 for non-members. Canoes can be rented for \$20 and are free for members. To register, call (503) 620-7507. *Tualatin Riverkeepers*

### Multnomah Channel paddle

9 a.m. to noon Sunday, Oct. 1

Join Jim Labbe and Donna Matrazzo for a morning paddle down the Multnomah Channel. Explore scenery, wildlife, bottomland habitat and protected natural areas along this unique waterway west of Sauvie Island. Bring your own kayak or canoe; personal floatation device required. Directions and other details will be provided to registrants. Boat rentals can be arranged through Alder Creek Kayak and Canoe at (503) 285-0464 or Portland Kayak Company at (503) 459-4050. Register for the free paddle online at [www.audubonportland.org](http://www.audubonportland.org). *Audubon Society of Portland*

### Willamette Narrows paddle

9 a.m. to noon Saturday, Oct. 7

Join Jim Labbe and Ron Carley for a Willamette Narrows paddle. Explore the wildlife, geology and spectacular scenery of this unique section of the Willamette River near West Linn. Bring your own kayak or canoe; personal floatation device required. Directions and other details will be provided to registrants. Boat rentals can be arranged through Alder Creek Kayak and Canoe at (503) 285-0464 or Portland Kayak Company at (503) 459-4050. Register for the free paddle online at [www.audubonportland.org](http://www.audubonportland.org). *Audubon Society of Portland*

### Smith and Bybee Wetlands paddle trip

noon to 4 p.m. Sunday, Nov. 26

Traveling by canoe or kayak is the best way to explore Smith and Bybee Wetlands Natural Area in North Portland. Meet at the parking lot on North Marine Drive. Bring your own kayak or canoe and personal floatation device. The new water control structure is helping to restore the natural area to a seasonal wetland. The changes are great for wildlife but they make paddle conditions difficult to predict. The trip leader will contact participants if it is necessary to cancel the trip due to low water levels. Advance registration required; call Troy Clark at (503) 249-0482. *Friends of Smith and Bybee Lakes*



## Volunteer ventures

### KEEP NATURE IN NEIGHBORHOODS

#### Arbor Lodge Park work parties

9 a.m. to noon Saturdays, Sept. 2, Oct. 7 and Nov. 4  
Come to Arbor Lodge Park in North Portland to join in a new effort to replace the use of pesticides in parks by weeding. Snacks, gloves and tools will be provided. Meet at North Bryant Street and Greeley Avenue. For more information, call Megan at (503) 423-7549. *Northwest Coalition for Alternatives to Pesticides* ♿

#### Lair Hill Park work parties

10 a.m. to noon Saturdays, Sept. 2, Oct. 7 and Nov. 4  
Come to Lair Hill Park in Southwest Portland to join in a new effort to replace the use of pesticides in parks by weeding. Snacks, gloves and tools will be provided. Meet at Southwest 2nd Avenue and Woods Street. For more information, call Megan at (503) 423-7549. *Northwest Coalition for Alternatives to Pesticides* ♿

#### Dickinson Park restoration

9 a.m. to noon Saturdays, Sept. 9, Oct. 14 and Nov. 11  
Help restore this small nature park in Southwest Portland and build trails along the creek. Meet at the turnout on Southwest 55th Avenue south of Taylors Ferry Road. Bring gloves and water. All ages are welcome. For more information, call (503) 823-6131 or send e-mail to [lshorr@ci.portland.or.us](mailto:lshorr@ci.portland.or.us). *Portland Parks and Recreation*

### Ivy removal at Tryon Creek

9 a.m. to noon Saturdays, Sept. 9 and 23, Oct. 14, Nov. 11 and 25

Help enhance Tryon Creek State Natural Area by removing invasive species that compete with native plants and harm the park's trees. Bring gloves and sturdy shoes. Meet at the nature center. Advance registration is not required. For more information, call Robin at (503) 636-4398. *Friends of Tryon Creek State Natural Area*

### Neighborhood tree liaison program

9 a.m. to 1:30 p.m. beginning Saturday, Sept. 9

A Neighborhood Tree Liaison is a local leader who promotes proper tree care and serves as a resource for neighborhood tree issues. Hands-on classes are taught by leading tree care professionals and cover general and advanced tree issues. After graduating from the program, neighborhood tree liaisons work on various tree projects in their neighborhood. \$20. For a complete schedule and to register, visit [www.portlandparks.org](http://www.portlandparks.org) or call (503) 823-1650. *Portland Parks and Recreation Urban Forestry Division* ♿

### Salmon Watch program training

8 a.m. to noon Saturday, Sept. 9

Help teach youth about salmon and watersheds with Salmon Watch, an award-winning education program that centers on streamside field trips to view spawning Chinook salmon. Learn about water quality, aquatic insects, riparian zones and working with kids. Training will be held at Eagle Fern Park. To register, call (503) 222-9091 ext. 20. *Oregon Trout* ♿ by arrangement

## Down the River Clean Up on the Clackamas

10 a.m. to 4 p.m. Sunday, Sept. 10

Join a volunteer flotilla on this fourth annual event to help take care of the Clackamas River. Volunteers will clean up trash along a stretch of the Clackamas River between Barton and Oregon City. After a fun-filled day of river running and hauling out trash, wrap up the day with volunteer awards and a free barbecue potluck courtesy of Next Adventure. Meet at Carver Park. Shuttles to the put-in and take-out locations will be arranged. All non-motorized watercraft are welcome. Volunteers with their own non-motorized boat (kayak, canoe, driftboat or raft) can register at [www.enrgkayaking.com](http://www.enrgkayaking.com) or send e-mail to [kristin@enrgkayaking.com](mailto:kristin@enrgkayaking.com). Volunteers who don't have a boat can work along the shore, or sign up to ride in a raft provided by event partners by calling Jo Anne at (503) 558-0550. *eNRG Kayaking, Clackamas River Basin Council and Oregon Kayak and Canoe Club*

## Stream Team captain training

6 to 9 p.m. Thursday, Sept. 14

Get involved in SOLV's watershed restoration program at the leadership level. Stream Team captains lead volunteers on stream restoration and enhancement project event days. They also instruct volunteers in invasive plant removal techniques and proper planting techniques while working closely with SOLV staff to fulfill stream restoration and enhancement goals. Participants also must attend sessions on Sept. 21 and 23. This 10-hour training is free in return for 12 service hours at events. Free. Advance registration is

required; call Rhyan at (503) 844-9571 ext. 363. SOLV



by arrangement

## Moonshadow Park work days

9 a.m. to noon Saturdays, Sept. 16 and Nov. 4 and Sunday, Sept. 17

Help remove English ivy and Himalayan blackberry from the natural areas of Moonshadow Park. Bring loppers, a shovel and work gloves, if possible. Refreshments will be provided. Meet at the park entrance at the end of Southwest Alden Court just off Southwest Alden Street. To register, call Melissa at (503) 629-6305 ext. 2953. *Tualatin Hills Park and Recreation District*

## South Portland Riverbank work days

9 a.m. to noon Saturdays, Sept. 16, Oct. 21 and Nov. 18

Help restore the Willamette River riparian zone between Willamette Park and Powers Marine Park. Bring gloves and drinking water. Training will be provided. All ages are welcome. Meet at Macadam Bay Moorage just north of the Sellwood Bridge off Southwest Macadam Avenue. For more information, call

(503) 823-6131 or send e-mail to [lshorr@ci.portland.or.us](mailto:lshorr@ci.portland.or.us). *Portland Parks and Recreation*

## Water quality monitoring event

Beginning Monday, Sept. 18

Join hundreds of volunteers in monitoring the water quality of the lower Columbia River and tributary streams from Bonneville Dam to Astoria to provide a snapshot of the river's condition. Monitoring begins Sept. 18 and continues through Sept. 29. Training, equipment and assistance will be provided. Suitable for all ages. Advance registration required; call Jennie Boyd at (503) 226-1565 ext. 222. *Lower Columbia River Estuary Partnership* & by arrangement

## Tree planting at Goat Island

9 a.m. to noon Saturday, Oct. 7 and 28

Play an important part in a vital restoration project by planting trees at Goat Island in Gladstone. Tools and training will be provided. All ages are welcome. Advance registration required; visit [www.solv.org](http://www.solv.org) or call Rhyan at (503) 844-9571 ext. 363. SOLV

## Stewardship leader training

9 a.m. to 4 p.m. Saturday, Oct. 14

Deepen your understanding of habitat enhancement and restoration techniques at this special workshop at Tualatin Hills Nature Park. Learn to use tools, recognize native versus non-native invasive plants, and instruct others how to be effective in restoration of our land and waterways. Suitable for age 15 and older. Free. Advance registration is required; call Jan at (503) 681-6283. *Jackson Bottom Wetlands Preserve and Tualatin Hills Park and Recreation District*

## Gotter Prairie tree planting

9 a.m. to noon Saturday, Oct. 21

Gotter Prairie Natural Area is 120 acres of wet and upland prairie at the confluence of McFee Creek and the Tualatin River in Scholls. This Metro natural area was purchased with funds from the 1995 open spaces, parks and streams bond measure. This community tree planting event will be great for families, groups and individuals. To register, call Monica at (503) 620-7507. *Tualatin Riverkeepers*

## Washington County Clean and Green

9 a.m. to 1 p.m. Saturday, Oct. 21

This unique annual event sends hundreds of volunteers to enhance the livability of Washington County at one of 50 project sites. Choose from tree plantings, invasive plant removal, litter pick-up, park and school grounds improvement, trail maintenance and more. To view a complete list of projects and to register, visit [www.solv.org](http://www.solv.org) or call (503) 844-9571. SOLV & by arrangement



Volunteer planter at Gotter Prairie.

Tualatin Riverkeepers photo



### **Bauman Park plantings**

9 a.m. to noon Saturdays,  
Oct. 28 and Nov. 11

Help plant native plants throughout the natural areas of Bauman Park. Bring a shovel and work gloves, if possible. Refreshments will be provided. The park is southwest of the intersection of Southwest Oleson Road and Ames Way. Meet at the dead end on the north side of the park. To register, call Melissa at (503) 629-6305 ext. 2953. *Tualatin Hills Park and Recreation District*

### **Camassia Nature Preserve work parties**

9:30 a.m. to 1:30 p.m.  
Saturdays, Oct. 28 and  
Nov. 18

This 27-acre preserve near West Linn features woodlands, wildflower meadows, rock gardens, ponds and willow and aspen swales. Home to more than 300 plant species, including several rare species, Camassia is a special gem in a rapidly growing urban area. Volunteers will assist with removal of invasive species. Advance registration required; call (503) 802-8100. *The Nature Conservancy*

### **Hyland Forest Park work day**

9 a.m. to noon Saturday,  
Oct. 28

Help remove English ivy, Himalayan blackberry and clematis from the natural areas of Hyland Forest Park. Bring loppers, a shovel and work gloves, if possible. Refreshments will be provided. Meet at the park entrance near the intersection of Southwest Sexton Mountain Drive and Sexton Mountain Court. To register, call Melissa at (503) 629-6305 ext. 2953. *Tualatin Hills Park and Recreation District*



## Nature University – Discover the naturalist in you!

Every year thousands of children and adults visit Metro's parks and natural areas on school field trips and summer programs. Volunteer naturalists make these wonderful experiences possible by helping our staff naturalists lead these programs. If you love nature, enjoy working with children, and have access to personal transportation, consider becoming one of our volunteer naturalists by attending Nature University. No special experience is necessary but any background working with groups of people or in natural history and biology is helpful. You will receive the training you need to be a qualified and confident Metro volunteer naturalist.

Nature University is a 12-week training course that starts people along the path of becoming naturalists and teachers. Nature University students are introduced to time-honored techniques of nature observation and principles of discovery learning. Students learn about common wildlife and plants, the ecology of wetlands and ancient forests, and teaching techniques. They go into the field with experienced naturalists to learn how to recognize animal tracks and signs, bird sounds and much more. Students learn the importance of careful observation and the use of field guides. In this way, they are introduced to the skills

of a naturalist that can be applied in a lifelong process of learning and sharing with others.

Nature University classes meet from 9:30 a.m. to 2 p.m. on Tuesdays, Jan. 16 through April 3, at different locations. There is some homework between class meetings. In exchange for this unique training, Metro volunteer naturalists are asked to provide a minimum of 40 hours of service within their first year, which is about 10 school field trip programs. We hope our volunteer naturalists will continue to enjoy helping with Metro's educational programs for years. Volunteer naturalists must be able to help with school field trips during school hours in the fall and spring, and on some weekdays or weekends in the summer. Volunteer naturalists also have opportunities to expand their service to other public outreach programs, such as special events and natural area tours, and to help develop educational materials.

### Enrolling in the class of 2007

For more information and to apply for the 2007 Nature University class, contact Metro volunteer resources at [parkvol@metro.dst.or.us](mailto:parkvol@metro.dst.or.us) or (503) 797-1733. Application materials also are available on Metro's web site at [www.metro-region.org/parks](http://www.metro-region.org/parks). Applications will be accepted through Friday, Nov. 10, 2006.

### **Community trail maintenance at Tryon Creek**

9 a.m. to noon Saturday,  
Oct. 28

Help repair and maintain the trails that help everyone enjoy Tryon Creek State Natural Area. Bring gloves and sturdy shoes. Meet at the nature center. Advance registration is not required. For more information, call Robin at (503) 636-4398. *Friends of Tryon Creek State Natural Area*

### **Friends of the Forest Day**

9 a.m. to noon Saturday,  
Oct. 28

Become a friend to our national forests by joining other volunteers at this fall work day at the Sandy River Delta. Help build a trail to the new bird blinds at the natural area. Advance registration required; visit [www.solv.org](http://www.solv.org) or call (503) 844-9571 for more information. *National Forest Foundation, National Forest Service, Friends of the Columbia River Gorge and SOLV*

### **Johnson Creek tree planting**

9 a.m. to 1 p.m. Saturday,  
Oct. 28

Play an important part in a vital restoration project by planting trees along Johnson Creek in Southeast Portland. Tools and training will be provided. All ages are welcome. Advance registration required; visit [www.solv.org](http://www.solv.org) or call Rhyan at (503) 844-9571 ext. 363. *SOLV*

## Friends of Trees natural area crew leader training

9 a.m. to 3 p.m. Saturday, Nov. 4

Learn about native trees and shrubs, local ecosystems, tree planting and leadership techniques when you become a natural area crew leader for Friends of Trees. Restoration crew leaders are asked to lead groups of 5-15 volunteers at four weekend planting projects between November and April. To register, call (503) 282-8846 ext. 12.

*Friends of Trees* & by arrangement

## Rosa Park plantings

9 a.m. to noon Saturdays, Nov. 11 and 18 and Dec. 2

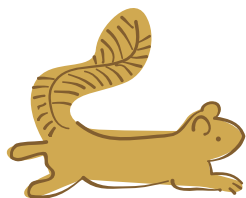
Help plant native plants throughout the natural areas of Rosa Park. Bring a shovel and work gloves, if possible. Refreshments will be provided. Meet at the park entrance on Southwest Rosa Road east of 196th Avenue. To register, call Melissa at (503) 629-6305 ext. 2953. *Tualatin Hills Park and Recreation District*

## Friends of Trees neighborhood crew leader training

9 a.m. to 3 p.m. Saturday, Nov. 11

Learn about tree diversity, tree planting, local ecosystems and leadership techniques when you become a neighborhood trees crew leader for Friends of Trees. Crew leaders are asked to guide groups of 5-10 volunteers at four weekend planting projects between November and April. To register, call (503) 282-8846 ext. 12. *Friends of Trees*

& by arrangement



# Calendar at a glance

## WEEKLY

### Wednesdays

Lunch with the Birds, pg. 11

## SEPTEMBER

- 2 Arbor Lodge Park work party, pg. 15
- 2 Meet the trees at Hoyt Arboretum, pg. 11
- 2 Lair Hill Park work party, pg. 15
- 9 Tualatin River paddle trip, pg. 15
- 9 Meet the trees at Hoyt Arboretum, pg. 11
- 9 Bull Run watershed tour, pg. 11
- 9 Ivy removal at Tryon Creek, pg. 15
- 9 Salmon Watch program training, pg. 15
- 9 Neighborhood tree liaison program, pg. 15
- 9 Upper Johnson Creek watershed bike ride, pg. 11
- 9 Lone Fir Pioneer Cemetery tour, pg. 14
- 9 Dickinson Park restoration, pg. 15
- 9 Hiker's wildlife survey orientation, pg. 12
- 10 Down the River Clean Up on the Clackamas, pg. 16
- 14 Stream Team captain training, pg. 16
- 16 Fanno Creek Greenway Trail walk, pg. 12
- 16 Shorebirds and waders at Smith and Bybee Wetlands, pg. 11
- 16 Moonshadow Park work day, pg. 16
- 16 Meet the trees at Hoyt Arboretum, pg. 11
- 16 South Portland Riverbank, pg. 16
- 17 Moonshadow Park work day, pg. 16
- 17 Natural Cycles art exhibit family day, pg. 12
- 17 Mt. Talbert natural area tour, pg. 12
- 18 Water quality monitoring event, pg. 16
- 23 Washington Park byways, gardens and landmarks, pg. 12
- 23 Salamanders to Stars at Jackson Bottom, pg. 12
- 23 Ivy removal at Tryon Creek, pg. 15
- 23 Aquifer adventure, pg. 12
- 23 Meet the trees at Hoyt Arboretum, pg. 11
- 24 Walk or Run for the Wildwood, pg. 12
- 24 Cooper Mountain natural area tour, pg. 4

- 29 Kids' night out at Tryon Creek, pg. 12
- 30 Migrating raptors at Jackson Bottom, pg. 11
- 30 Meet the trees at Hoyt Arboretum, pg. 11
- 30 Fall paddle trip, pg. 15

## OCTOBER

- 1 Neighborhood foraging adventure, pg. 12
- 1 Multnomah Channel paddle, pg. 15
- 4 Mushrooms of Tryon Creek, pg. 13
- 7 Lair Hill Park work party, pg. 15
- 7 Shorebirds and waders at Smith and Bybee Wetlands, pg. 11
- 7 Tree planting at Goat Island, pg. 16
- 7 Willamette Narrows paddle, pg. 15
- 7 Arbor Lodge Park work party, pg. 15
- 8 Ancient forest mushroom class, pg. 13
- 12 Introduction to wetlands ecology at Jackson Bottom, pg. 13
- 14 Dickinson Park restoration, pg. 15
- 14 Lone Fir Pioneer Cemetery tour, pg. 14
- 14 Bull Run watershed tour, pg. 11
- 14 Stewardship leader training, pg. 16
- 14 Ivy removal at Tryon Creek, pg. 15
- 14 Ridgefield BirdFest, pg. 11
- 14 Hiker's wildlife survey orientation, pg. 12
- 14-15 Salmon Festival at Oxbow Regional Park, pg. 9-10
- 21 Autumn birds at Smith and Bybee Wetlands, pg. 11
- 21 Backyard habitat basics, pg. 7
- 21 Intel-SOLV Washington County Clean and Green, pg. 16
- 21 Gotter Prairie tree planting, pg. 16
- 21 South Portland Riverbank, pg. 16
- 21 Mushrooms at Smith and Bybee Wetlands, pg. 13
- 28 Camassia Nature Preserve work party, pg. 17
- 28 Tree planting at Goat Island, pg. 16
- 28 Hyland Forest Park work day, pg. 17
- 28 Community trail maintenance at Tryon Creek, pg. 17
- 28 Animal tracking workshop at Oxbow, pg. 13

- 28 Clear Creek natural area tour, pg. 13
- 28 Bauman Park planting, pg. 17
- 28 Johnson Creek tree planting, pg. 17
- 28 Friends of the Forest Day at the Sandy River Delta, pg. 17
- 31 Tour of Untimely Departures at Lone Fir, pg. 14

## NOVEMBER

- 4 Lair Hill Park work party, pg. 15
- 4 Friends of Trees natural area crew leader training, pg. 18
- 4 Arbor Lodge Park work party, pg. 15
- 4 Groundwater 201 workshop, pg. 14
- 4 Autumn birds at Smith and Bybee Wetlands, pg. 11
- 4 Moonshadow Park work day, pg. 16
- 4 Mushrooms at Smith and Bybee Wetlands, pg. 13
- 9 Show and tell nature night at Jackson Bottom, pg. 14
- 11 Friends of Trees neighborhood crew leader training, pg. 18
- 11 Hiker's wildlife survey orientation, pg. 12
- 11 Lone Fir Pioneer Cemetery tour, pg. 14
- 11 Ivy removal at Tryon Creek, pg. 15
- 11 Rosa Park planting, pg. 18
- 11 Bauman Park planting, pg. 17
- 11 Dickinson Park restoration, pg. 15
- 12 Veteran's Day at Lone Fir, pg. 14
- 12 Springwater on the Willamette and Oaks Bottom, pg. 14
- 18 Attracting wildlife to your yard, pg. 7
- 18 Rosa Park planting, pg. 18
- 18 Camassia Nature Preserve work party, pg. 17
- 18 South Portland Riverbank, pg. 16
- 19 Thanksgiving walk at Oxbow, pg. 14
- 25 Ivy removal at Tryon Creek, pg. 15
- 26 Smith and Bybee Wetlands paddle trip, pg. 15

## DECEMBER

- 2 Rosa Park planting, pg. 18
- 9 Lone Fir Pioneer Cemetery tour, pg. 14

# See you there!

## Metro regional parks, greenspaces and facilities

### Blue Lake Regional Park

provides a water spray ground for all ages, swimming in the lake, fishing, archery, volleyball, softball, horseshoes, food concessions and large picnic shelters perfect for family reunions and company picnics. Bikers, runners and walkers enjoy the trails along the lake and throughout the park. The Lake House is an elegant site for weddings and other special events.

**Accessible features:** parking, restrooms, archery, fishing dock, picnic areas, water spray ground, playgrounds, park paths, office, food concession, wetlands observation deck and trail loop.

**Location:** Between Marine Drive and Sandy Boulevard off Northeast 223rd Avenue. From I-84, take the Fairview exit (14) and go north on 207th Avenue to Sandy Boulevard. Turn right onto Sandy and travel east to 223rd and turn left. Proceed north to Blue Lake Road and the park.

**Entrance fee:** \$4 per car and \$7 per bus.

**Oxbow Regional Park**, a 1,200-acre natural area park located within the wild and scenic Sandy River Gorge, offers the opportunity to walk through an old-growth forest or watch fall chinook salmon swim upstream to spawn. The river draws swimmers, rafters, kayakers and anglers. Hiking trails, wooded campsites, reservable picnic areas, horse trails, playgrounds and play fields are also available.

**Accessible features:** parking, office, restrooms, shower buildings, three campsites, picnic shelters and campground amphitheater.

**Location:** Eight miles east of Gresham. From I-84, take the Troutdale exit (17). Go past the truck stop to the light. Turn right on 257th, go 3 miles to Division Street. Turn left onto Division. Follow the signs 6.5 miles and turn left. Follow the road to the park.

**Entrance fee:** \$4 per car and \$7 per bus.

**Howell Territorial Park** on Sauvie Island is a scenic blend of natural and cultural history. Picnickers and birdwatchers enjoy this idyllic site, which also includes nine acres of wetland and surrounding pastoral land. There are two rustic areas that can be reserved for small picnics or weddings.

**Accessible features:** restrooms and picnic areas.

**Location:** Take Highway 30 north past Linnton to the Sauvie Island Bridge. Cross the bridge, proceed north approximately 1 mile and turn right onto Howell Park Road.

### Smith and Bybee Wetlands

**Natural Area** is the largest protected wetland within an American city. Home to beavers, river otters, black-tailed deer, osprey, bald eagles and Western painted turtles, this 2,000-acre wildlife area offers a paved trail with two wildlife viewing platforms. Non-motorized boats are welcome.

**Accessible features:** parking, Interlakes Trail, wildlife viewing platforms and restrooms.

**Location:** On Marine Drive between the Expo Center and Kelley Point Park. Take I-5 to exit 307. Go west on North Marine Drive for 2.2 miles. Turn left at the large brown and white natural area sign and drive to the parking area.

**Beggars-tick Wildlife Refuge**, a 20-acre greenspace located along the Springwater Corridor Trail, was named after a species of native sunflower. The refuge is home to a variety of native plant species and wildlife, and provides open water for migratory waterfowl in the winter.

**Accessible features:** parking and paths (compacted gravel).

**Location:** Southeast 111th Avenue, just north of Foster Road. Also accessible from the Springwater Corridor Trail.

**Pioneer cemeteries** in Multnomah County offer a unique look into the history of the region and are managed as operating facilities. Dating back as early as 1851, 14 pioneer cemeteries offer scenic tranquility and a glimpse into the past.

**Chinook Landing Marine Park**, a 67-acre marine park with six launching lanes on the Columbia River, is the largest public boating facility in Oregon. The park offers picnic and viewing areas, wetland and wildlife habitat, disabled-accessible docks, restrooms and a seasonal river patrol station.

**Accessible features:** parking, restrooms, picnic area and observation deck.

**Location:** Adjacent to Blue Lake Regional Park on Marine Drive.

**Entrance fee:** \$5 per vehicle.

### M. James Gleason Memorial

**Boat Ramp** is a convenient public boat launch on the Columbia River, minutes from downtown Portland. Amenities include launch lanes, boarding docks, restrooms, river maps and a river patrol office.

**Accessible features:** parking and restrooms.

**Location:** Northeast 43rd Avenue and Marine Drive.

**Entrance fee:** \$5 per vehicle.

**Sauvie Island Boat Ramp** enables boaters to enjoy the quiet waters and wildlife of Multnomah Channel. Picnic tables, parking and restrooms are available.

**Accessible features:** parking, restrooms and picnic area.

**Location:** At the junction of Burlington Ferry and Sauvie Island roads.

### Glendoveer Golf Course

provides challenging play for every level with two 18-hole golf courses. A 2-mile fitness trail along the perimeter of the course draws joggers and walkers to the natural setting. There also are tennis courts, a driving range and a restaurant.

**Location:** 140th and Northeast Glisan Street.

## Information numbers

### General number

(503) 797-1850

### Picnic reservations

(503) 665-4995

### Registration for Metro activities

(503) 797-1715

### Blue Lake Regional Park

(503) 665-4995

### The Lake House

(503) 665-4995

### Oxbow Regional Park

(503) 663-4708

### Howell Territorial Park

(503) 665-4995

### James Bybee House

(503) 222-1741

### Smith and Bybee

### Wetlands Natural Area

(503) 797-1844

### Marine facilities

(503) 665-6918


### Glendoveer Golf Course

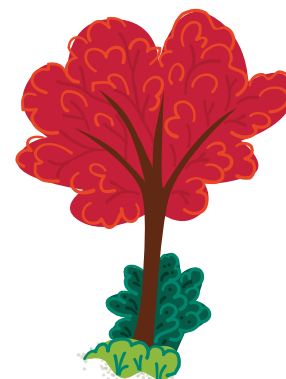
(503) 253-7507

### Pioneer cemeteries

(503) 797-1709

**Note:** In order to protect wildlife habitat, and for their own safety, **pets are not permitted** at any Metro park or natural area.

 The “accessible features” listed above are facilities and activities that are accessible to wheelchair users. For information about other kinds of access or accommodations, call (503) 797-1728.







## Children's discovery garden coming to Blue Lake

Emi, Savannah, Sophie and other summer visitors to Blue Lake Regional Park helped make giant pinwheels and oversized insects for a sculpture "garden" with a grand vision. This little collection of larger than life flowers and insects is designed to get people excited about the children's discovery garden coming to Blue Lake next year. The garden will inspire children and adults to care for their yards without toxic chemicals – to help protect people, pets, wildlife and water quality. If you are interested in helping to design or plant the children's garden, call Carl Grimm at (503) 797-1676 or send e-mail to [grimmc@metro.dst.or.us](mailto:grimmc@metro.dst.or.us).



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