

# Metro GreenScene

NEWS & THINGS TO DO

*Fall 2000*



#### What's inside?

- Special focus on the Sandy River watershed
- 17th annual Salmon Festival
- Baby deer and salamanders
- Alien invasion at Oxbow
- Activities for nature lovers of all ages



**METRO**  
Regional Services  
*Creating livable  
communities*

## Metro – planning that protects the nature of our region

It's better to plan for growth than ignore it. Metro serves 1.3 million people who live in Clackamas, Multnomah and Washington counties and the 24 cities in the Portland metropolitan area. Metro provides transportation and land-use planning services and oversees regional garbage disposal and recycling and waste reduction programs. Metro manages regional parks and greenspaces and the Oregon Zoo, and oversees the trade, spectator and arts centers managed by the Metropolitan Exposition-Recreation Commission.

Metro is governed by an executive officer, elected regionwide, and a seven-member council elected by districts. An auditor, also elected regionwide, reviews Metro's operations.

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**Bus and MAX information:** (503) 238-RIDE (238-7433).

**Photographs by** Lupine Jones, Amy Kirschbaum, Ron Klein, Lia Waiwaiole, Bob Woods and Curt Zonick.

**Illustrations by** Kathy Deal and Barbara Macomber.



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# Welcome

to the fall issue of GreenScene, your guide to the region's parks and greenspaces with a special focus on the Sandy River watershed. Winding its way from Mt. Hood to the Columbia River, the Sandy River runs through ancient forests, 800-foot canyons, public parks and some of the most valuable habitat for fish and wildlife in the region. This rich natural diversity is mirrored by the incredible range of people, agencies and community groups working together to protect the Sandy River watershed. Thousands of acres of land are in conservation ownership; ground-breaking restoration and stewardship activities are tending to the watershed's ecological health; the annual Salmon Festival celebrates the return of the fall chinook salmon; and an endless list of educational and recreational opportunities invites us to explore the nature of the region.



*In the heart of the Sandy River watershed lies Metro's 1,200-acre Oxbow Regional Park, a place for people and wildlife.*

# Open spaces



*Gordon Creek, a fish-bearing creek that flows into the Sandy River, is a central piece of Metro's acquisition strategy in the Sandy River Gorge target area.*

## Acquisition efforts in the Sandy River Gorge

**N**oted for its many oxbows, forests down to the waterline and native salmon and steelhead, the Sandy River cuts a 55-mile serpentine swath from the Reid and Sandy glaciers on Mt. Hood to the Columbia River. The Sandy River watershed includes the Salmon and Bull Run rivers, as well as Gordon, Buck and Trout creeks. The Bull Run River, the Sandy's largest tributary, is a primary source of drinking water for Portland residents.

A 12.5-mile stretch of the river – from Dodge Park in the south, downstream to the Stark Street Bridge in the

north – meanders through the 800-foot-high basalt and sandstone canyons known as the Sandy River Gorge. This portion of the river is designated as both a State Scenic Waterway and a National Wild and Scenic River. One portion of the area includes two substantial tracts of old-growth Douglas fir forest; the remainder is 50 to 100-year second growth. The majority of the gorge appears natural and primitive, but timber harvest and development pressures along the river are significant.

The watershed has three characteristics that result in a rich diversity of resident and migratory wildlife. First, land on the Sandy and its tributaries currently managed for conservation provides important habitat for species such as deer, red fox, river otter, beaver, small animals and songbirds. Second, because many of these natural areas are linked, the Sandy

forms a wildlife corridor between the Cascades and the Columbia River, making it attractive habitat for larger mammal species such as black bear, elk and cougar. Finally, the natural forest cover that protects the steep slopes of the tributaries and mainstem of the Sandy River creates native plant diversity and protects water quality, allowing for a relative abundance of fish which, in turn, support large birds of prey such as osprey and bald eagle.

In 1995, land in the watershed was targeted for protection and acquisition through Metro's \$135.6 million open spaces, parks and streams bond measure, approved by voters regionwide. Metro's strategy is twofold: to protect the habitat corridor along Gordon Creek between the Sandy River and Mt. Hood National Forest and to link properties on the river that are currently managed for conservation purposes.

Since 1995, Metro has acquired 1,048 acres (14 separate parcels) in the area. Of Metro's acquisitions in the watershed, four properties totaling 364 acres include 2.8 miles of frontage on Gordon Creek, providing additional protection to valuable salmon spawning and rearing habitat. Additional acquisitions expand Oxbow Regional Park and protect the recreational, scenic, water quality and habitat values of the watershed.

## Acquisition update

*(as of Aug. 16, 2000)*

Funds for acquisitions in the Sandy River watershed and other land elsewhere in the region were provided by Metro's open spaces, parks and streams bond measure. The primary goal is to acquire natural areas, trail corridors and greenways so that future generations will continue to benefit from cleaner water and air, and have access to nature for picnicking, hiking, fishing, boating, wildlife viewing and other activities. To date, Metro has acquired more than 6,259 acres of land in the Portland metropolitan region in 193 transactions.

For more information about Metro's acquisitions in the Sandy River Gorge and other target areas, visit our web site at [www.metro-region.org](http://www.metro-region.org) or call the open spaces hotline at (503) 797-1919.

## Community comes to the rescue at Lone Fir

We are incredibly grateful for the overwhelming response to vandalism at Metro's Lone Fir Cemetery in Southeast Portland. Hit twice by vandals in late spring and summer, the 150-year-old pioneer cemetery suffered an estimated \$27,000 in damages. But the community did not sit still for these attacks on monuments of the dead and Portland's history. On both occasions, dozens of concerned people and three restoration companies arrived at the cemetery within a few days to make things right again.

Special thanks to volunteers Joseph Lyons and Ken Jones for their leadership in helping coordinate volunteer activities at the cemetery. Thanks also to those individuals who donated more than \$2,100 toward restoration efforts. In addition, Vancouver Granite, Pioneer Waterproofing Co. and Oregon Wilbert Vault and Casket donated materials, equipment and more than 250 hours of service to repair damaged monuments.

Call Lupine Jones, Metro's volunteer services manager, at (503) 797-1733 for more information on how to get involved in volunteer activities at Metro's pioneer cemeteries.



Headstones and memorials were toppled, damaged and destroyed in two incidents of vandalism at Metro's Lone Fir Cemetery in Southeast Portland.



## Natural techniques demonstration garden opens in September

More and more people are learning how to garden "naturally" without the use of chemicals that can harm fish, wildlife and people. With the opening of Metro's natural gardening demonstration garden in late September, you'll be able to see first-hand how natural gardening techniques can be applied in a typical backyard.

Located in Southeast Portland, the garden is a joint effort between Metro and Portland Public Schools' Green Thumb horticulture program. The garden will feature native plants that thrive in our Pacific Northwest climate, plants that attract beneficial insects and birds, a slug-resistant plant area, raised vegetable beds, mason bees and bird houses, a composting system, an "eco lawn" and a regular lawn maintained without the use of synthetic fertilizers.

Take a self-guided tour through the garden or attend one of Metro's free natural gardening seminars offered at the garden and other locations around the region. Call Metro Recycling Information at (503) 234-3000 for a schedule.

## Protecting the fish and wildlife of our region

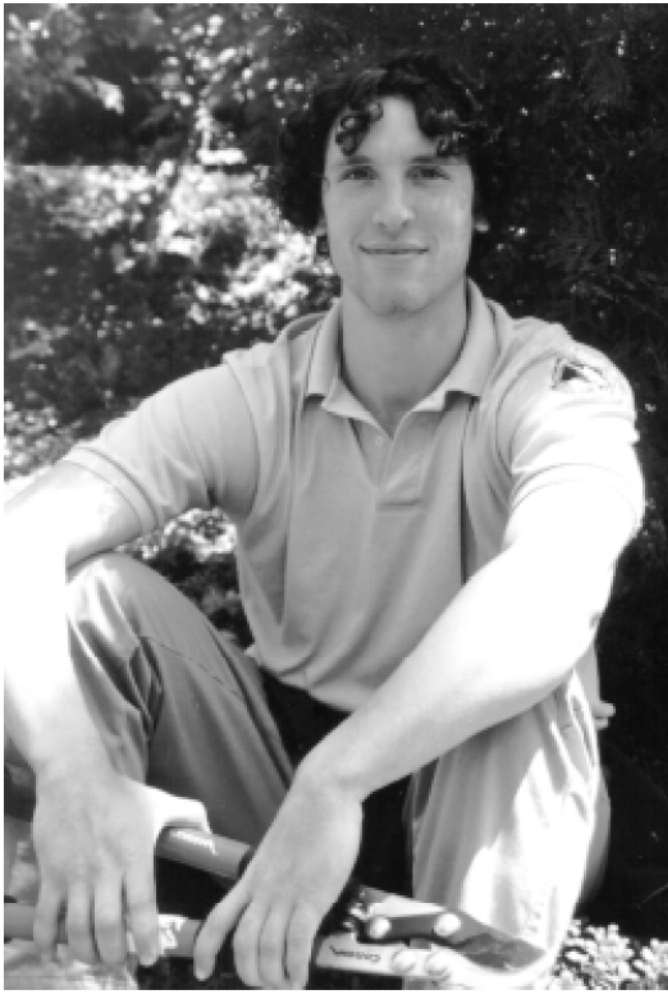
Since 1998, five species of salmon and steelhead from our region have been listed as "threatened" under the Endangered Species Act (ESA) by the National Marine Fisheries Service. Beginning on Sept. 10, it will be illegal to "take" steelhead trout from the Willamette and lower Columbia rivers. Protective regulations will be in place for chinook and chum salmon in January 2001.

The ESA defines "take" as harming, harrassing, chasing or killing a listed species. The federal rules will allow a broad range of lawful activities to continue as long as they use recognized conservation practices.

Enforcement efforts will focus on barriers to fish access, the release of pollutants into the water, stream flow reduction, introduction of non-native species, and the removal, disturbance or destruction of fish habitat.

For detailed information, visit the National Marine Fisheries Service web site at [www.nwr.noaa.gov](http://www.nwr.noaa.gov) or call (503) 230-5400. For more information about Metro's ESA activities, call David Moskowitz, Metro salmon recovery coordinator at (503) 797-1579.

For more information about Metro's efforts to protect fish and wildlife habitat, call the growth management information line at (503) 797-1888 or visit Metro's web site at [www.metro-region.org](http://www.metro-region.org).



*AmeriCorps intern Josh D'Ancona spent the last year tackling the invasive species problem at Oxbow Regional Park.*

## *Aliens invade Oxbow Regional Park*

**I**n a classic tale of alien invasion, the bad guys are green and our hero is AmeriCorps volunteer Josh D'Ancona. A participant in the Northwest Service Academy's individual placement program, Josh chose to spend his internship with Metro battling the "invasive species" at Oxbow Regional Park.

Nightshade, scotch broom, Himalayan blackberry, Japanese knotweed and other noxious weeds pose an

increasingly serious threat to the health of the Sandy River watershed and almost every other natural area in the region.

Josh hit the ground running at Oxbow, learning as he went. Working with community groups, nearby schools and more than 550 volunteers, Josh shepherded 51 work days and 2,288 volunteer hours in his 11-month tour. Along the way, he developed a comprehensive long-range plan for controlling exotic plants at the park that includes extensive maps and valuable species research.

Metro naturalists and park staff have already noticed a difference at the park. There has been a marked return of wildlife and native vegetation

to the floodplain, where Josh and his crews removed dense stands of scotch broom.

Josh returned home to Philadelphia at the end of July, grateful for the opportunity. "I have had this incredible one-year dose of Oregon that was as full as it can be – working outside all year at this beautiful place with this great cross-section of local people. It is so eye-opening coming from the East Coast to work in a metropolitan area where people care so much about their natural environment. It is evident in the volunteer ethic people have here, and it is even reflected in your government."

One of Josh's most important goals was to develop a program that could survive without him. He left his work in good hands with Metro staff, six highly trained volunteer crew leaders and a sustainable program with extensive partnerships and community support.

## *The trouble with knotweed*

**J**apanese knotweed, like many other invasive species, got its start in our own backyards. The same qualities that make non-native plants so devastating in our natural areas make them a tempting choice for gardeners and landscapers. Their natural resistance to local controls such as climate and insects makes them easy to care for in a yard and nearly impossible to control in the wild. The native plants that fish and wildlife rely on for healthy habitat are often no match for this resilience.

Knotweed also has a tendency to roam. Root fragments as small as one inch can produce

a new plant, and they travel easily in water or contaminated soil. As a result, one patch of knotweed – or hundreds – of new populations. Imagine what happens when that patch is on a river bank or in a flood zone.

Since 1996, hundreds of patches of knotweed, some half an acre or more, have appeared in the Sandy River Gorge. If unchecked, knotweed will steadily take over riverbanks and beaches and seriously threaten precious natural resources.

*Metro, The Nature Conservancy of Oregon, the Sandy River Basin Watershed Council, the Bureau of Land Management, local AmeriCorps teams and neighbors are joining forces to control knotweed in the Sandy River watershed and inform people about Japanese knotweed.*

If you are interested in volunteering at Oxbow or another regional park or greenspace, call Lupine Jones at (503) 797-1850 option 7.

For a brochure about Japanese knotweed, contact The Nature Conservancy at (503) 230-1221 or Metro at (503) 797-1850.



*Japanese knotweed*

# Stories in the dirt

## A tracking tale

by Metro's chief naturalist, Deb Scrivens

In the spring of 1992, my co-worker and I made a habit of taking a 15-minute break in the day to walk the muddy service road behind the naturalist's office at Oxbow Regional Park. A doe was hanging out in the area, walking down the same section of road at about the same time each day, and it was instructive to observe and compare series of her tracks as they aged in the clay-like mud under the dense canopy of trees. Some days we would see the doe. It was easy to see that she was very pregnant and becoming more so each day.

One day, tiny prints appeared next to hers. They were the tiniest deer prints I had ever seen, just an inch wide, about the size of a quarter. Because we had seen the pregnant deer the day before, we knew that a day-old fawn had made the tracks. The prints were enchanting. They toddled along right at the heel of the mother, then suddenly disappeared, only to reappear eight feet away, all four feet clustered together, indicating a lamb-like leap and bound. That was the first time I could really see an animal in my mind's eye through its foot-prints, and I became hopelessly hooked on tracking.

After that, whenever I found fawn prints, I always measured them and mentally compared them to the prints of this day-old fawn. I was hoping to repeat the experience and find equally tiny prints, but I never did . . . until this summer.

On a Sunday morning in June, I did a tracking program with

five other people on the floodplain at Oxbow. We observed deer tracks that indicated a doe had paced around the edge of a pond, following the fingers of sand that extended into the water. Her feet and her gait were unusual. On one foot, she had a split toe and a toe that was longer and sort of hooked – making it easy for us to recognize the prints of this individual deer. Her gait was unusual in that her hind foot was not stepping in her front track. Instead, it was landing well behind and to the outside of her front foot. As if she were walking bowlegged. As if she couldn't get her hind legs past her fat belly. As if she was very pregnant.

We observed some other nearby tracks made by the same deer. These were also fresh tracks made within the last 12 hours (the sand had not yet been exposed to the hot afternoon sun that forms a crust on the tracks and crumbles the edges). But these tracks were different. The doe's unusual toes had not changed, but her gait had. Now her hind foot overlapped her front track. Her gait had also narrowed and she was not sinking as deeply into the sand. And a tiny set of prints followed hers.

I knew the tiny prints were those of another newborn as soon as I saw them. I measured to make sure. We had found the prints of a doe just before and just after she delivered her fawn. We were looking at a record of a baby deer's first steps on the earth. That Sunday was a birthday at Tadpole Pond.

**On the floodplain of Metro's Oxbow Regional Park** where this story takes place, one can find clear tracks of red fox, raccoon, river otter, mink, rabbit, squirrel, weasel, crow, Canada goose and many other birds on any given day. Occasionally the tracks of larger mammals such as elk, black bear and cougar are also found in this rich habitat. The Sandy River and its tributaries form a wildlife corridor that links the natural areas along the river with the Cascades. Large mammals

make use of this corridor during annual migrations.

Increasingly, tracking is used to determine the presence and range of mammals in wild areas through projects run in large part by volunteer trackers. Besides having the potential to influence the management of public lands, tracking is an excellent way to document the presence and activities of wildlife in an urban setting. It develops our knowledge of place and widens our definition of community, as it provides a window into the lives of the animals that share our space.

There are many ways to get involved with the tracking community in this region and across the world. Join in one of the activities listed on the opposite page, or contact one of the organizations listed below.

## Tracking links

**Metro's Regional Parks and Greenspaces Department,** (503) 797-1850 tracking classes for schools, groups and the public, tracking training for volunteer naturalists, custom speaking engagements

**The Tracking Club,** (503) 296-6733 monthly newsletter, tracking practice with experts, events, discounts on classes and activities

**Deer Dance School,** (503) 296-6733 nature awareness and tracking classes

**Animal Tracks by Steve,** (503) 293-4356 ceramic track art, t-shirts, stencils, custom classes for schools and groups

**Cascadia Wild,** (503) 235-9533 custom tracking curriculum for schools

**Audubon Society of Portland,** (503) 292-6855, ext. 120 tracking classes for schools

**The Coyote's Path,** (503) 222-6807 survival classes

**Wilderness Awareness School,** (425) 788-1301 national authority on tracking, catalog of classes, mail order naturalist course

**A Naturalist's World,** (406) 848-9458 national authority on tracking, field guides, data notebooks, field classes in Yellowstone National Park

## **Animal Tracking Workshop**

2 to 5 p.m.

Sunday, Sept. 10

Oxbow Regional Park is rich in tracks at this time of year when beaver, otter, fox, mink, mouse and deer leave clear footprints in the sand. With practice, you can learn to read the ground like a book. Let local tracker Terry Kem introduce you to the basics of track identification and interpretation and the awareness and stealth skills needed to watch wildlife at close range. You'll make plaster casts of tracks to take home. Registration and a fee of \$7 per person are required in advance. There is also a \$3 per vehicle entry fee to the park payable at the gate. Call (503) 797-1850 option 4 to register. *Metro Regional Parks and Greenspaces*

## **Dirt Time**

9 a.m. to noon

Sunday, Sept. 24

Sunday, Oct. 29

Sunday, Nov. 26

"Dirt time" means spending time practicing animal tracking. Join regional expert trackers and gain experience identifying and interpreting the subtle and complex clues left by wildlife. Meet at the floodplain parking lot at Oxbow Regional Park. Dirt Time is free with a \$3 per vehicle entry fee to the park. All ages and skill levels are welcome. No advance registration required. *The Tracking Club*

## **Lynx Tracking Training**

Evening sessions

7 to 9:30 p.m. Mondays

Sept. 18, Sept. 25, Oct. 2 and Oct. 16

Day sessions

9 a.m. to 3:30 p.m. Saturdays

Sept. 23, Sept. 30, Oct. 7 and Oct. 21

Learn the basics of the art of animal tracking and participate in lynx tracking surveys to gather important data on

this elusive species in the Mt. Hood National Forest. Participants will learn to track the Canada lynx and other forest carnivores in snow. Each training consists of a Monday evening class taught by Metro naturalists at Metro Regional Center and a Saturday class conducted by Cascadia Wild at Oxbow Regional Park. The training is free and suitable for adults and teenagers 14 or older. This is an excellent chance to learn tracking and nature awareness skills and apply them to an ongoing research project. For more information and to register, call Cascadia Wild at (503) 235-9533. *Cascadia Wild and Metro Regional Parks and Greenspaces*

## **Ancient Forest Frog and Salamander Walk**

1 to 3 p.m.

Saturday, Oct. 28

Find out about red-legged frogs, Western red-backed salamanders, ensatinas and many other fascinating amphibians (including some rare species) that live in the old-growth forest at Oxbow Regional Park. Metro biologist Curt Zonick will lead this special class, which includes a 1.5-mile moderate walk. Fall is the start of the rainy season and amphibians love to be wet, so it's the perfect time to look for them. Dress for the weather and wear sturdy shoes. Suitable for adults and youth 12 and older. Registration and a \$5 per person fee are required in advance. There is a \$3 per vehicle entry fee to the park. Call (503) 797-1850 option 4 to register. *Metro Regional Parks and Greenspaces*



Several amphibian species native to the Pacific Northwest, including the Northwestern salamander pictured above, are the subjects of a monitoring project in the Sandy River Gorge.

## *Greenspaces grant program funds amphibian monitoring project*

What's good for a salamander is good for everybody. An amphibian monitoring project managed by the Nature Conservancy and supported by funds from the greenspaces grant program is checking up on salamanders and other amphibians in the Sandy River Gorge.

Several Pacific Northwest salamander species have suffered population declines. "Many of the salamanders found in our forests are lungless and breathe exclusively through their skin," says project manager Curt Zonick. "That's one of the reasons they are so sensitive to logging and other activities that remove fallen logs, rotting stumps and other features that provide damp microhabitat structure from our forests." Zonick says managing public lands for healthy salamanders will also benefit other riparian ecosystem wildlife, including trout and salmon, which thrive in the cold clean streams that arise within good salamander habitat.

By establishing a series of sampling stations, researchers are monitoring population trends and habitat health for several amphibian species living in the gorge. Because of their relative sensitivity to habitat degradation and the important role they play in the riparian ecosystem, salamanders provide critical information about overall watershed health that will guide ecological restoration efforts in the gorge.

To get involved with the Sandy River Gorge Biodiversity Project, visit <http://members.xoom.com/igorz/salamandersplash.htm> or call Curt Zonick at (503) 797-1729. The greenspaces grant program is a partnership between Metro and the U.S. Fish and Wildlife Service to fund environmental education and restoration projects. For more information, visit the Metro web site at [www.metro-region.org](http://www.metro-region.org) or call Lynn Wilson at (503) 797-1781.

# 17th annual Salmon Festival

## One good return deserves another

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

**T**he 17th annual Salmon Festival celebrates the return of the fall chinook salmon to the Sandy River and inspires protection of native salmon and their habitat. The two-day event takes place at Metro's Oxbow Regional Park located in the scenic Sandy River Gorge eight miles east of Gresham.

Native salmon have migrated for thousands of years from the Pacific Ocean to the Sandy River and can be viewed spawning at Oxbow Regional Park during the festival and throughout October. Guided salmon viewing walks are a highlight of the festival. Experienced naturalists and biologists lead the walks and explain the migration and spawning processes.

The Salmon Festival provides activities and exhibits to help us better understand the challenges of managing the region's fish, wildlife and water resources while balancing the needs of a growing metropolitan region. The festival also features great entertainment, children's activities, horse-drawn wagon rides, a salmon bake, arts and crafts, environmental exhibits and a food court.

Don't be afraid of those clouds. An overcast day is best for great salmon viewing. The festival is "weatherized" with entertainment, exhibits, children's activities and food areas under cover.

Festival admission is \$6 per vehicle. Please help us protect resident wildlife by leaving your pets at home. Call Metro at (503) 797-1850 option 6 for more information. ♿

**Festival hosts:** Metro, Mt. Hood National Forest, Oregon Trout and Portland Water Bureau.

**Sponsors:** Bureau of Land Management, Portland General Electric, KKJZ FM 106.7, the Oregon Plan for Salmon and Watersheds and Portland Family Magazine.



### Entertainment schedule

This year's entertainment will feature the following artists each day:

**Road in the Sky, folk music**  
10:30 a.m. to noon

**Cu-lan-ti, Celtic music**  
12:30 to 1:30 p.m.

**Rattling Thunder, Native American dancers**  
2 to 3 p.m.

**John Nilsen, pianist**  
3:15 to 3:50 p.m. and  
4:10 to 4:45 p.m.

**Will Hornyak, storyteller**  
3:50 to 4:10 p.m.

## Ride your bike to the festival

### A-Fish-Needs-a- Bicycle Ride

**10 a.m. Saturday, Oct. 14**  
Meet at Kelly Avenue light-rail station in Gresham for a group ride to the Salmon Festival at Oxbow Regional Park. Take your bike by MAX (permit required) or by car (free parking in the structure northeast of the station). We will talk about the route, bicycle safety and rules of the road, and leave for Oxbow around 10:15. This is a 10-mile scenic trip (one way, return on your own) with

some challenging hills. Bicycle helmets are required, and ride participants must fill out a waiver prior to the ride. Children under 16 are welcome, as long as they are accompanied and supervised by a responsible adult. Any type of bike with low gears is sufficient for this ride. Copies of the East Multnomah County Bicycling Guide will be provided to each rider. You'll get in free to the Salmon Festival. For more information, contact Bill Barber at (503) 797-1758 or [barberb@metro.dst.or.us](mailto:barberb@metro.dst.or.us).  
**Metro Transportation Department**



*Polarized viewing glasses make it easier to see fish through the water. Guided salmon walks are offered every half hour during the festival.*





Arts and crafts projects, learning activities and a storytelling tent make the Salmon Festival a great place for kids.

### Nominations sought for the River Stewardship Award

Each year the partners of the Salmon Festival honor one person for his or her work and commitment to the conservation of native salmon and river habitats with the River Stewardship Award.

If you would like to nominate someone who has made an outstanding contribution to the conservation of Oregon's rivers and native fish resources, contact Lupine Jones at (503) 797-1733 or send e-mail to [jonesl@metro.dst.or.us](mailto:jonesl@metro.dst.or.us). Include the candidate's name, phone number and a summary of her or his stewardship activities. Past recipients are Dr. Arch Diack, Doug Cramer, Jim Myron, Ted Strong, Gov. Barbara Roberts, Tom and Audrey Simmons, Errol Claire, Gov. John Kitzhaber, Phil Wallin and Bill Bakke.

Deadline for nominations is Sept. 25. The 2000 River Stewardship Award, a salmon banner created by artist Roger Long, will be presented at the Salmon Festival on Saturday, Oct. 14.

## SALMON FESTIVAL HELP WANTED

### Volunteer Classifieds

*A large part of the spirit of the Salmon Festival comes from the generosity and stewardship of more than 250 volunteers who contribute time and energy every year to making it a success. Volunteers receive free admission to the festival and a token of appreciation. Volunteer shifts are 3.5 hours. Call (503) 797-1850 option 8 for more information.*

#### **Parking management**

Assist with parking of vehicles and public safety and security.

#### **Information booth**

Provide general festival information about activities, events, facilities and sale of merchandise. Individuals who like to interact with the public are encouraged to participate.

#### **Food tent**

Assist in preparing and serving salmon dinners and keeping the dining area clean.

#### **Children's activity tent**

Assist with arts and crafts projects and games for youngsters, and help them get dressed up in animal costumes in the story-telling tent.

#### **"Passport" volunteers**

Help encourage young visitors at the festival to take a passport with them to many of the booths

and discover answers to the fun and educational questions inside. Then be there at the end to award them a prize for their completed passport.

#### **Event set-up and takedown**

For those with some time available during the week and an interest in some light physical work. Assist park staff with exhibitor move-in, seating area set-up and other duties.

#### **School of Fish instructors**

Volunteers for the School of Fish program will lead young children in hands-on activities that help them understand watersheds and the life cycle of the salmon. Training, props and script are provided.

#### **Salmon walk leaders**

Lead groups to the salmon viewing areas and discuss life cycle and spawning behavior, history of the runs and causes of decline, and the importance of the riparian zone. Training, props and a script are provided.

#### **Booth sitters**

Be a big relief for the exhibitors who come to display their materials at the Salmon Festival. Get a chance to "booth sit" a variety of booths so the owners can take 15-minute breaks.

### **Train to be a salmon field trip leader for the Salmon Festival and for fall school outings**

9:30 a.m. to 4 p.m.  
Tuesday, Oct. 3

Are you interested in educating children and adults about salmon, their life cycles and habitat? Join us this fall as we celebrate the return of migrating salmon to the Sandy River. Working with Oxbow

Regional Park naturalists, volunteers will lead weekday school field trips in October and November and help out at the Salmon Festival. All you need is an interest in salmon and the desire to teach others. Call Lupine Jones at (503) 797-1733 for more information. *Metro Regional Parks and Greenspaces*

# Fall calendar



## NATURE Discoveries

### Wilderness Survival and Wild Foods

9 a.m. to noon

Saturday, Sept. 9

Learn how to determine if and when to use wild foods, which plants to seek, and basic priorities in both recreational and unplanned survival situations. Class includes lecture and slide show. Registration is required in advance by calling (503) 775-3828. \$18. Meet at 2020 NW Northrup St., Portland. *Wild Food Adventures* ♿

### Fanno Creek Greenway

9 to 11 a.m.

Saturdays, Sept. 16 and Nov. 4

Explore a recently constructed section of the 12-mile Fanno Creek Greenway Trail. Walks begin at the Tualatin Hills Park and Recreation District Recreation Center, 7475 SW Oleson Rd. For more information, call Bob at (503) 244-7206. *Tualatin Hills Park and Recreation District* ♿ *by arrangement*

### Painted Turtle Walk

noon to 1:30 p.m.

Sunday, Sept. 17

Metro's Smith and Bybee Lakes Wildlife Area is home to one of the largest remaining populations of the Western painted turtle in Oregon. Why are they called

"painted" turtles? Why have they become so rare? What can be done to help them make a comeback? Find out about these famous residents of the lakes with Metro naturalist James Davis. Bring binoculars if you have them. Suitable for adults and children age 6 and older. Program is free, but advance registration is required. Call (503) 797-1850 option 4 to register. *Metro Regional Parks and Greenspaces* ♿

### Mary S. Young State Park

10 a.m. to noon

Sunday, Sept. 17

Explore 133 acres of rich natural environment that is home to songbirds, osprey, deer and coyote with urban naturalist Mike Houck. \$5. Advance registration required. Call Portland Parks and Recreation at (503) 823-5132 to reserve a space. *Wild in the City*

### Nature Kids

9:30 to 11:30 a.m. and 12 to 2 p.m.

Tuesdays and Thursdays, beginning Sept. 19

Four- and 5-year-olds will gain a greater understanding of nature by observing birds, wildflowers and weather. Art projects, walks, singing, music, dance and basic academics complement each day's theme. \$81 in-district and \$157 out-of-district (per month). Call (503) 644-5595 for registration information. *Tualatin Hills Park and Recreation District*

### Elk Rock Island and Spring Park

9 to 11 a.m.

Thursday, Sept. 21

By late summer, Elk Rock Island becomes a peninsula connected by a rocky channel to the east bank of the Willamette River just upriver from downtown Milwaukie. This virtually unknown patch of urban wild is a hidden treasure of dense woods, rugged headlands and green water. \$5. Advance registration required. Call Portland Parks and Recreation at (503) 823-5132 to reserve a space. *Wild in the City*

### Bull Run Watershed Tour

8:30 a.m. to 4:30 p.m.

Saturday, Sept. 23

Don't miss this rare 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. Advance registration required. Call (503) 823-7407 for more information. *Portland Bureau of Water Works* ♿ *by arrangement*

### Wintering-In Harvest Festival

11 a.m. to 5 p.m.

Saturday and Sunday, Sept. 23 and 24

Featuring lively music, picnic food, traditional crafts, historic displays and family fun, the Oregon Historical Society presents its annual Wintering-In Harvest Festival on the grounds of the historic Bybee House at Metro's Howell Territorial Park on Sauvie Island. A Northwest tradition for more than 30 years, the festival celebrates the transition from summer to fall, when Native Americans and pioneers finished harvesting and storing food for the winter months. Suggested donation is \$3 for adults and

\$2 for children. For details, call (503) 222-1741. *Oregon Historical Society*

### Walk Around the Wetland

9 to 11 a.m.

Saturdays, Sept. 30 and Nov. 18

Put on your walking shoes and join wetlands education specialist Sarah Pinnock for a guided walk around Jackson Bottom. Look for migrating waterfowl and birds of prey, search for animal tracks and scat, and explore all the cool stuff around the wetland. These walks are free and suitable for all ages. Dress for the weather and bring binoculars if you have them. For more information and directions, call (503) 681-6278. *Jackson Bottom Wetlands Preserve*

### Aquifer Mary Quite Contrary, How Does Your Groundwater Flow?

9 a.m. to noon

Saturday, Oct. 7

Join this walking/driving tour of Portland's groundwater system. A physical groundwater model will allow you to observe the underground portion of the water cycle in action. Find out why groundwater is an important part of our drinking water supply and what's being done to protect it. Free. Advance registration required. Call (503) 823-7407 for more information. *Portland Bureau of Water Works* ♿ *by arrangement*

### October Tree Walk

1 to 3 p.m.

Saturday, Oct. 14

Join Friends of Trees for a walk through the Grant Park/Hollywood district of Northeast Portland. Trip leaders will identify trees, share tree history and tree care techniques. Meet on the front steps of Grant High School. Register in advance by calling (503) 284-8733. *Friends of Trees*

Teasel

## **Creature Feature**

10 to 11 a.m.

Wednesdays, Oct. 18 to Nov. 8

Learn about Oregon animals, hear stories, meet other parents and children and see a live animal up close. Each week has a different theme. For children 2-5 with parent. \$5 in-district and \$8.75 out-of-district. Call (503) 644-5595 for registration information. *Tualatin Hills Park and Recreation District*

## **OMSI to Springwater Trail**

9 a.m. to noon

Thursday, Oct. 19


This much anticipated eastside segment of the Willamette River Greenway trail system will be one more step in the completion of the 150-mile long "40-mile Loop." This will be a combination walking and driving tour of the route. \$5. Advance registration required. Call Portland Parks and Recreation at (503) 823-5132 to reserve a space. *Wild in the City*

## **Beyond "Hs" and "Os"**

10 a.m. to noon

Saturday, Oct. 21

Do you ever wonder what's in your tap water besides hydrogen and oxygen? Test your tap water at the water quality laboratory, visit the

control center and learn about the distribution system from our interactive physical hydraulic model. Free. Advance registration required. Call (503) 823-7407 for more information. *Portland Bureau of Water Works*  by arrangement

## **Tualatin River National Wildlife Refuge**

11 a.m. and 2 p.m.

Saturday, Oct. 21

Enjoy a special opportunity to visit the Tualatin River National Wildlife Refuge with a guided nature walk on restored wetlands. Morning and afternoon trips offered. Reservations are required. Call (503) 972-7714 for more information. *Friends of the Refuge*


## **Salmon Viewing Walks**

11 a.m. to noon and

1 to 2 p.m.

Sunday, Oct. 22

Come to beautiful Oxbow Regional Park for an easy guided walk to observe the spectacular fall chinook salmon spawning in their natural habitat. Metro naturalist Deb Scrivens will lead the walks and share some of what she has learned from many autumn seasons with the salmon of the Sandy River. Meet at the boat ramp. All ages are welcome. An adult must accompany

children. The walks are free and no reservations are necessary. There is a \$3 per vehicle entry fee to the park. *Metro Regional Parks and Greenspaces*  by arrangement

## **Halloween Bat Party**

1:30 to 4:30 p.m.

Saturday, Oct. 28

Get ready for Halloween by exploring the fascinating world of bats, the flying mammals of the night. Watch a slide show and build a bat mobile. \$12 in-district and \$21 out-of-district. Call (503) 644-5595 for registration information. *Tualatin Hills Park and Recreation District*

## **Night Hike**

6 to 8 p.m.

Saturday, Oct. 28

Bring your family for a night of exploration and adventure at Jackson Bottom Wetlands. Learn about nocturnal animals and their amazing behaviors and adaptations. Bring a flashlight and your sense of adventure. Advance registration and a \$2 per person fee required. Call (503) 681-6278 for more information. *Jackson Bottom Wetlands Preserve*

## **Crafty Morning at Jackson Bottom**

9 a.m. to noon

Saturday, Nov. 4

Bring your creativity to Jackson Bottom Wetlands and learn how to make nature prints, gift boxes, books and cards. We'll provide the materials to get you started, as well as directions you can take home. Advance registration and a \$5 materials fee are required. Call (503) 681-6278 for more information. *Jackson Bottom Wetlands Preserve* 

## **Ancient Forest Mushroom Classes**

2 to 4 p.m.


Sundays, Nov. 5 and 12

Join mycologist Gary Slone for a two-hour class that ends with a walk on an easy trail in the old growth forest of Oxbow Regional Park. Gary will discuss mushroom classification and edibility, and then participants will gather, identify and compare specimens. Experienced and beginning "shroomers" are welcome. Dress warmly. Meet at Group Picnic Area A. Registration and a fee of \$8 per person are required in advance. There is a \$3 per vehicle entry fee to the park. Call (503) 797-1850 option 4 to register. *Metro Regional Parks and Greenspaces*

## **Thanksgiving Walk**

12:30 to 2 p.m.

Sunday, Nov. 19

Take time out to appreciate and celebrate the simple gifts of nature at Oxbow Regional Park with Terry Kem, Deer Dance School instructor, and Elisabeth Neely, Metro park naturalist. 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 and enjoy the "Thanksgiving Address," passed down and shared by the Iroquois Nation. This is a simple and moving way of expressing appreciation for our connections to nature, which can be shared by people of all backgrounds. Hot drinks will be provided. Meet at the boat ramp. Suitable for all ages. Free with park entry fee of \$3 per vehicle. Advance registration is required. Call (503) 797-1850 option 4 to reserve a space. *Metro Regional Parks and Greenspaces*  by arrangement

## *Watershed Weeks*

Oregon Watershed Weeks (Sept. 16-Oct. 22) links dozens of water-related events within individual watersheds across the state. Events range from family paddle trips and tide pool walks to community fairs and streamside restoration projects – all designed to help children and adults get to know their local waters and learn how to make a difference within their own watershed.

Many Watershed Weeks events are listed in the GreenScene. For the complete listing, look for copies of the Oregon Watershed Weeks event guide at your local library or other community locations, or call (888) 854-8377 for a copy. You can also visit the Oregon Watershed Weeks 2000 web site at [www.seagrant.orst.edu/watershedweeks.html](http://www.seagrant.orst.edu/watershedweeks.html).




## PADDLE Trips

### **Bird Migration Watch**

9 a.m. to 5 p.m.

Saturday, Sept. 2

Venture to Ridgefield National Wildlife Refuge and travel by canoe to look for bald eagles, osprey, blue herons, songbirds, ducks, otters and other wildlife. Program fee of \$40 includes equipment, instruction and transportation. Adaptive equipment and trained staff are available to support people with special needs. For more information, call (503) 359-2568. *Adventures Without Limits* 

### **Rood Bridge Paddle**

9 to 11 a.m.

Saturday, Sept. 9

Join the Tualatin Riverkeepers for an intermediate/advanced paddle trip. Personal flotation devices are required. Free for members; \$5 per boat for the general public. Canoes are available to rent for \$20. Call (503) 590-5813 to register. *Tualatin Riverkeepers*

### **Willamette Greenway**

9 a.m. to noon

Sunday, Sept. 10

Explore the Willamette River around Meldrum Bar Park, below Mary S. Young Park and between the Oregon City Falls and Clackamette Park. \$5. Advance registration required. Call Portland Parks and Recreation at (503) 823-5132 to reserve a space. *Wild in the City*

### **Smith and Bybee Lakes**

2 to 6 p.m.

Sunday, Sept. 24

Traveling by canoe or kayak is the best way to explore Metro's Smith and Bybee Lakes Wildlife Area. Meet at the parking lot on North Marine Drive. Trip is free. Bring your own kayak or canoe. Call Emily for reservations at (503) 235-6272. *Friends of Smith and Bybee Lakes*

### **Fall Foliage Paddle Trip**

10 a.m. to 2 p.m.

Saturday, Oct. 7

Join the Tualatin Riverkeepers for a beginner/intermediate paddle trip. Personal flotation devices are required. Free for members; \$5 per boat for the general public. Canoes are available to rent for \$20. Call (503) 590-5813 to register. *Tualatin Riverkeepers*

### **Smith and Bybee Lakes**

1 to 5 p.m.

Sunday, Oct. 15

Traveling by canoe or kayak is the best way to explore Metro's Smith and Bybee Lakes Wildlife Area. Meet at the parking lot on North Marine Drive. Trip is free. Bring your own kayak or canoe. Call Frank for reservations at (503) 283-1145. *Friends of Smith and Bybee Lakes*

### **Tualatin River National Wildlife Refuge**

11 a.m. and 2 p.m.

Saturday, Oct. 21

Join the Tualatin Riverkeepers for a beginner/intermediate paddle trip for National Refuge Week. A morning and an afternoon trip are available. Personal flotation devices are required. Free for members; \$5 per boat for the general public. Canoes are available to rent for \$20. Call (503) 590-5813 to register. *Tualatin Riverkeepers*

### **Multnomah Channel**

9 a.m. to noon

Saturday, Nov. 4

Paddle the Multnomah Channel along a relatively undeveloped, tree-lined stretch that includes Wapato Access Greenway State Park. Then explore one of Metro's open space acquisitions and a wetland restoration project. \$5. Advance registration required. Call Portland Parks and Recreation at (503) 823-5132 to reserve a space. *Wild in the City*

### **Willamette Narrows**

10 a.m. to 1 p.m.

Saturday, Nov. 18

See some of Metro's newest open space acquisitions and The Nature Conservancy's holdings on basalt islands that create quiet backwater areas along one of the most scenic stretches of the Willamette River. \$5. Advance registration required. Call Portland Parks and Recreation at (503) 823-5132 to reserve a space. *Wild in the City*

### **Smith and Bybee Lakes**

11 a.m. to 3 p.m.

Sunday, Nov. 19

Traveling by canoe or kayak is the best way to explore Metro's Smith and Bybee Lakes Wildlife Area. Meet at the parking lot on North Marine Drive. Trip is free. Bring your own kayak or canoe. Call Troy for reservations at (503) 249-0482. *Friends of Smith and Bybee Lakes*



## BIKE Trips

### **Fountains to Farmlands**

8:30 a.m.

Saturday, Sept. 9

40 miles

This ride is designed to illustrate how safe, fun and efficient bike riding around town can be once you get comfortable with the system and learn how to use the bike routes. We will start in downtown Portland at the Salmon Street Fountain, cross the Hawthorne Bridge and take bike routes through eastside neighborhoods to the Springwater Corridor Trail. We'll follow the trail to Gresham, head north to Blue Lake Regional Park, and then west along the Columbia River on the Marine Drive bike path. At Northeast 33rd Avenue, we'll turn south and work our way back downtown. This will be a moderately paced ride of three to four hours including a coffee shop break in Gresham. Helmets are required. Road bikes, hybrids or mountain bikes with road tires are recommended. No registration required. For more information, call Marc Guichard at (503) 797-1944. *Metro Transportation Department*

### **Commonwealth Lake Loop**

8 a.m. to noon

Saturday, Sept. 16

10 miles

Enjoy this easy ride through the northeast quadrant of the Tualatin Hills Parks and Recreation District and discover 15 of the district's parks. Enjoy the sights and sounds of natural settings in

*Long-toed salamander*

the midst of neighborhoods and businesses. Bicyclists must wear ANSI or SNELL – approved helmets and bring drinking water. Ride begins and ends in the parking lot of the Tualatin Hills Nature Park on Millikan Way in Beaverton. Call Hal at (503) 643-5396 for reservations and more information. *Tualatin Hills Park and Recreation District*

### Lower Willamette Greenway

noon to 4 p.m.  
*Sunday, Oct. 22*  
 Ride from Tom McCall Waterfront Park to Cathedral Park and Peninsula Crossing Trail. Some uneven surfaces make this trip suitable for either mountain bikes or “hybrid” bikes with wider tires. \$5. Advance registration required. Call Portland Parks and Recreation at (503) 823-5132 to reserve a space. *Wild in the City*



## BIRD Watching

See back cover for Metro's autumn birdwatching series

### Lunch with the Birds

noon to 1 p.m.  
*Every Wednesday*  
 Meet a Jackson Bottom staff member at the North View Shelter to check out waterfowl, birds of prey and seasonal migrants. For more information, call (503) 681-6278. *Jackson Bottom Wetlands Preserve* ♿

### Beginning Bird Watching II

9 a.m. to 1 p.m.  
*Saturday, Oct. 7*  
 Study the fascinating group of birds known as raptors or birds of prey. Join wetlands education specialist Sarah Pinnock and learn where and how to find birds of prey and how to identify them once you find them. Advance registration and a \$15 fee are required. For more information, call (503) 681-6278. *Jackson Bottom Wetlands Preserve*

### Understanding the Language of Birds

10 a.m. to 1 p.m.  
*Sunday, Nov. 12*  
 What can you learn from the birds as they communicate with each other and other wild animals? Join naturalists James Davis and Elisabeth Neely at Oxbow Regional Park for this introduction to the fascinating art of interpreting the meaning of bird songs and calls, using techniques learned from Jon Young and generations of native trackers. The awareness skills you learn will enrich your wildlife watching experiences. Bring a notepad, snack, and something to sit on in the woods. Registration and a program fee of \$5 per person are required in advance. There is also a \$3 per vehicle entry fee to the park, payable at the gate. Call (503) 797-1850 option 4 to reserve a space. *Metro Regional Parks and Greenspaces*

### Bird Feeding Basics

7 to 9:30 p.m.  
*Wednesday, Nov. 29*  
 At very little expense, you can have a variety of colorful birds regularly visit your yard. We will discuss bird-feeding basics that will make it easy for you to attract birds, and view a slide show of all the common birds that visit bird feeders during fall and winter. Appropriate for adults and

older teens. Meet in room 370 at Metro Regional Center. Registration and payment of \$8 is required in advance. Call (503) 797-1850, option 4 to register. *Metro Regional Parks and Greenspaces* ♿



## Volunteer VENTURES

### First Saturdays at Oxbow

11 a.m. to 2 p.m.  
*Saturdays, Sept. 2, Oct. 7 and Nov. 4*  
 Lend a hand at Oxbow Regional Park fighting the spread of non-native plants. Bring gloves, snacks, long sleeves and water. For more information, call Lupine Jones (503) 797-1850 option 8. *Metro Regional Parks and Greenspaces*

### New Volunteer Orientation

noon to 1 p.m. or 6 to 7 p.m.  
*Tuesdays, Sept. 5, Oct. 3 and Nov. 7*  
 Start your Metro volunteer experience on the right foot and join us for new volunteer orientation – either during the lunch hour or in the evening in room 275 at Metro Regional Center, 600 NE Grand Ave. Learn about Metro's Regional Parks and Greenspaces Department, hear about the benefits of volunteering, receive information on volunteer job opportunities in the field and office, complete your volunteer application and enjoy the company of other new volunteers. Call Lupine Jones at (503) 797-1850 option 7 to register. *Metro Regional Parks and Greenspaces* ♿

### Forest Park Ivy Removal and Trail Maintenance

9 a.m. to noon  
*Every Saturday*  
 Help maintain Forest Park. Meet at Lower Macleay Park at Northwest Upshur and 29th. Dress for the weather and prepare for mud. Bring water and snacks. For more information, call (503) 223-5449. *Friends of Forest Park*

### Cooper Mountain Community Volunteer Days

9 a.m. to noon  
*Saturday, Sept. 16, Oct. 21 and Nov. 18*  
 Enjoy the views as you work to remove invasive plants, control erosion and care for native plantings at this unique 300-acre greenspace near Beaverton. For more information and to register, call Sarah Anderson at (503) 797-1939. *Metro Regional Parks and Greenspaces*

### Washington County Clean and Green

9 a.m. to 1 p.m.  
*Saturday, Sept. 16*  
 More than 1,000 volunteers are needed at 40 project sites for Intel-SOLV Washington County Clean and Green. Remove invasive weeds, plant native plants, pick up litter, stencil storm drains, maintain trails and help people in need of social services with yard work. Call (503) 844-9571 to register. *SOLV* ♿ *by arrangement*

### Great Oregon Spring Beach Cleanup

10 a.m. to 1 p.m.  
*Saturday, Oct. 14*  
 Help improve the Oregon coast for wildlife and winter visitors. For more information, call (503) 844-9571 or visit the web site at [www.solv.org](http://www.solv.org). *SOLV* ♿ *by arrangement*

## Canemah Bluff Work Day

9 a.m. to noon

Saturday, Oct. 28

Learn about the natural and cultural significance of Canemah Bluff, as we work to remove invasive plant species that threaten the native plant species in this unique greenspace perched above the Willamette River. For more information, call Lupine Jones (503) 797-1850 option 8. *Metro Regional Parks and Greenspaces*

## Seed the Future!

9 a.m. to noon

Saturday, Nov. 18

Join Friends of Trees for a tree planting in the Lents neighborhood – the official kick-off planting for the final year of Seed the Future, a five-year campaign to begin restoring the urban forest. Volunteers of all ages and abilities are welcome. For a complete schedule, call (503) 284-8733. *Friends of Trees*



## Improvements at Oxbow

**F**all campers at Oxbow Regional Park will enjoy 22 additional campsites, two new restroom and shower buildings, water system upgrades and other campground improvements and touch-ups. Open year-round and located eight miles east of Gresham, Oxbow's wooded campsites are available on a "first-come, first-served" basis.

# Calendar at a glance

## September

- 2 Bird migration paddle trip, pg. 12
- 2 First Saturday work party at Oxbow, pg. 13
- 5 New volunteer orientation, pg. 13
- 9 Fountains to farmlands bike trip, pg. 12
- 9 Rood Bridge paddle, pg. 12
- 9 Wilderness survival and wild foods, pg. 10
- 10 Animal tracking workshop, pg. 7
- 10 Willamette Greenway paddle, pg. 12
- 16 Commonwealth Lake loop bike trip, pg. 12
- 16 Cooper Mountain community volunteer day, pg. 13
- 16 Fanno Creek Greenway walk, pg. 10
- 16 Washington County Clean and Green, pg. 13
- 17 Mary S. Young State Park, pg. 10
- 17 Painted turtle walk, pg. 10
- 18 Lynx tracking training, pg. 7
- 20 Introduction to bird watching class, back cover
- 21 Elk Rock Island and Spring Park, pg. 10
- 23 Bull Run watershed tour, pg. 10
- 23 Lynx tracking training, pg. 7
- 23-24 Wintering-In Harvest Festival, pg. 10
- 24 Dirt time, pg. 7
- 24 Smith and Bybee lakes paddle, pg. 12
- 25 Lynx tracking training, pg. 7
- 30 Birding field trip, back cover
- 30 Lynx tracking training, pg. 7
- 30 Walk around the wetland, pg. 10

## October

- 2 Lynx tracking training, pg. 7
- 3 New volunteer orientation, pg. 13
- 3 Salmon field trip leader training, pg. 9
- 4 Birds of autumn class, back cover
- 7 Beginning birdwatching, pg. 13
- 7 Fall foliage paddle, pg. 12
- 7 First Saturday work party at Oxbow, pg. 13
- 7 Aquifer Mary quite contrary, how does your groundwater flow?, pg. 10
- 7 Lynx tracking training, pg. 7
- 14 Ride your bike to the Salmon Festival, pg. 8
- 14 Great Oregon Spring Beach Cleanup, pg. 13
- 14 October tree walk, pg. 10
- 14-15 Salmon Festival, pgs. 8 and 9
- 15 Smith and Bybee lakes paddle, pg. 12
- 16 Lynx tracking training, pg. 7
- 18 Birds of prey class, back cover
- 18 Creature feature, pg. 11
- 19 OMSI to Springwater Trail tour, pg. 11
- 21 Beyond "Hs" and "Os," pg. 11
- 21 Cooper Mountain community volunteer day, pg. 13
- 21 Lynx tracking training, pg. 7
- 21 Raptors, cranes and whatever field trip, back cover
- 21 Tualatin River National Wildlife Refuge paddle, pg. 12
- 21 Tualatin River National Wildlife Refuge walk, pg. 11
- 22 Lower Willamette Greenway bike trip, pg. 13
- 22 Salmon viewing walks, pg. 11
- 25 Creature feature, pg. 11
- 28 Canemah Bluff work day, pg. 14
- 28 Frog and salamander walk, pg. 7
- 28 Halloween bat party, pg. 11
- 28 Night hike at Jackson Bottom, pg. 11
- 29 Dirt time, pg. 7

## November

- 1 Creature feature, pg. 11
- 4 Crafty morning at Jackson Bottom, pg. 11
- 4 Fanno Creek Greenway walk, pg. 10
- 4 First Saturday work party at Oxbow, pg. 13
- 4 Multnomah Channel paddle, pg. 12
- 5 Ancient forest mushroom class, pg. 11
- 7 New volunteer orientation, pg. 13
- 8 Creature feature, pg. 11
- 8 Waterfowl class, back cover
- 11 Waterfowl field trip, back cover
- 12 Ancient forest mushroom class, pg. 11
- 12 Understanding the language of birds, pg. 13
- 18 Cooper Mountain community volunteer day, pg. 13
- 18 Seed the Future, pg. 14
- 18 Walk around the wetland, pg. 10
- 18 Willamette Narrows paddle, pg. 12
- 19 Smith and Bybee lakes paddle, pg. 12
- 19 Thanksgiving walk, pg. 11
- 26 Dirt time, pg. 7
- 29 Bird feeding basics, pg. 13

# See you there!

## Metro regional parks, greenspaces and facilities

**Blue Lake Regional Park** provides archery, volleyball, softball, horseshoes, disabled-accessible playgrounds, food concessions, bike and boat rentals, swimming, fishing 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.

**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:** \$3 per car and \$6 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.

**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:** \$3 per car and \$6 per bus.

**Howell Territorial Park** on Sauvie Island is a scenic blend of natural and cultural history. The Oregon Historical Society provides interpretive tours of a pioneer house and agricultural museum on summer weekends. Picnickers and birdwatchers enjoy this idyllic site, which also includes nine acres of wetland and surrounding pastoral land.

**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 Lakes Wildlife Area** is the largest protected wetland within an American city. Home to beaver, river otter, 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.

**Location:** On Marine Drive between the Expo Center and Kelley Point Park. Take I-5 to Marine Drive west exit (307). Go west 2.5 miles on Marine Drive to the parking area on the south side of the road.

**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.

**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.

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

**Entrance fee:** \$4 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.

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

**Entrance fee:** \$3 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.

**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 are also tennis and racquetball courts, a driving range and a restaurant.

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

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

 Except for Howell Territorial Park and Glendoveer Golf Course, the parks and facilities above each provide some wheelchair access. For more specific accessibility information, call (503) 797-1728.

## Reserve early for group picnics

Beginning Oct. 1, reservations will be taken for group picnics at Oxbow and Blue Lake regional parks for 2001. Make reservations by calling (503) 797-1850 option 2 or stop by the office at Metro Regional Center, 600 NE Grand Ave., Portland. All messages are time- and date-stamped and will be returned in the order they are received.

## Information numbers

**General number**  
(503) 797-1850

**Parks reservations**  
(503) 797-1850

**Open spaces hotline**  
(503) 797-1919

**Blue Lake Regional Park**  
(503) 665-4995

**The Lake House**  
(503) 667-3483

**Oxbow Regional Park**  
(503) 663-4708

**Howell Territorial Park**  
(503) 665-6918

**James Bybee House**  
(503) 222-1741

**Smith and Bybee Lakes Wildlife Area**  
(503) 797-1515

**Marine facilities**  
(503) 665-6918

**Glendoveer Golf Course**  
(503) 253-7507

**Pioneer cemeteries**  
(503) 988-3622

**Metro's web site:**  
[www.metro-region.org](http://www.metro-region.org)

# Autumn bird watching series

Join Metro naturalist James Davis for a series of Wednesday evening classes and Saturday field trips highlighting the amazing autumn bird activity at Metro's Smith and Bybee Lakes Wildlife Area. Learn the basics of how to find and identify birds and become familiar with the natural history of many of our most common birds. These programs are for beginners and experienced birders alike, adults or teens. Recommended field guide for all classes and trips is *Field Guide to Western Birds, 3rd. Ed. by Roger Tory Peterson*. Read the registration information carefully. You must sign up for each class and field trip you wish to attend individually.

## Classes

Classes are held from 7 to 9:30 p.m. Wednesdays at Metro Regional Center (see individual classes for room number). Advance registration and an \$8 fee are required. Call (503) 797-1850 option 4 to register. ♿

## Field Trips

Field trips meet in the Smith and Bybee lakes parking lot on North Marine Drive on Saturdays at 9 a.m. Field trips will last about two hours depending on weather and bird activity. Dress for the weather and bring water, snacks and binoculars if you have them. Field trips are free but advance registration is required. Call (503) 797-1850 option 4 to register. ♿

## Introduction to Bird Watching Class

*Wednesday, Sept. 20*  
Start our bird watching series with an introduction to all the basics. This introduction is highly recommended for beginners who are planning to take other classes or field trips. Room 270.

## Birding Field Trip

*Saturday, Sept. 30*  
Smith and Bybee Lakes Wildlife Area provides a good sample of common autumn and wintering birds. We may also carpool to other good sites nearby, such as Kelley Point Park.

## Birds of Autumn Class

*Wednesday, Oct. 4*  
This class will be an overview of the most common birds seen in the metropolitan area from September through December. We will concentrate on songbirds and briefly discuss birds of prey and waterfowl. Room 370.

## Birds of Prey Class

*Wednesday, Oct. 18*  
Hawks, eagles, falcons, vultures and owls have always fascinated people. Find out how to tell these major groups of raptors apart and the key points for identifying the most common species. Room 270.

## Raptors, Cranes and Whatever Field Trip

*Saturday, Oct. 21*  
As the leaves fall from the trees, the birds of prey arriving for the winter become easier to see. Increasing numbers of bald eagles are hanging out near Portland. We'll start at Smith and Bybee lakes then carpool to Howell Territorial Park and other sites on Sauvie Island.

## Waterfowl Class

*Wednesday, Nov. 8*  
In autumn, thousands of ducks, geese and swans fly over the region's wetlands. Waterfowl are among the region's most abundant and diverse groups of wintering birds. Room 370.

## Waterfowl Field Trip

*Saturday, Nov. 11*  
It is possible to see more than a dozen different species of waterfowl on a good fall or winter day. We will start at Smith and Bybee Lakes Wildlife Area and then carpool to Howell Territorial Park and other sites on Sauvie Island.



**METRO**  
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*Creating livable communities*

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