

Metro GreenScene

NEWS & THINGS TO DO
Summer 2004



METRO
PEOPLE PLACES
OPEN SPACES

What's inside?

- Camping at Oxbow
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Soar into summer

Osprey nature note

by Metro naturalist Elisabeth Neely

Osprey Day at Oxbow

10 a.m. to 3 p.m.
Saturday, June 26

Celebrate osprey at their summer home at Oxbow Regional Park on the Sandy River. Join us for a day of nature activities for children and adults, including naturalist-guided walks to observe an osprey nest in the old-growth forest and to look for the “fish hawks” themselves. Down at the river, use a net and magnifier to check out amazing crayfish and other water creatures. Children can try their wings on the osprey obstacle course. Enjoy some cool lemonade and watermelon, too – it’s summer!

Activities run from 10 a.m. to 3 p.m. at Group Picnic Area “A” (Alder Shelter). Osprey Day is free with your annual pass or park entry fee of \$4 per car.

Turn your eyes to the skies over a nearby lake or river this spring and summer, and you’re likely to spot one of North America’s most striking and charismatic birds of prey – the osprey. With a wingspan of up to 5½ feet, osprey (also called fish hawks) are impressively large, although smaller than bald eagles. Their dark backs, white bellies and handsome face stripes make them stand out.

The most dramatic thing about osprey, however, is their behavior. With patience and grace, osprey spend a good deal of the day fishing. An osprey will circle over a likely spot, hovering in one place when it spies a fish, and then plunge feet-first into the water with a splash. With keen eyesight and the help of sharp talons and barbed bumps on the pads of its feet, it grabs its slick prey. More than half the time, the osprey is successful and rises up from the water with a powerful thrust of its wings and a dripping fish in tow.

Many people notice osprey more in the summer, but don’t realize that unlike bald eagles, osprey cannot be seen here year-round. Osprey migrate south each fall; most Portland-area birds are gone by mid-October. Information from bird bands shows that many osprey winter in warm and sunny western Mexico. They return each year around St. Patrick’s Day, about the same time as another big bird that frequents our skies, the

turkey vulture. To tell the two apart from a distance, look for the birds’ unique silhouettes. The osprey has a distinctive crook at its wrists that gives it a gull-like appearance and the shape of a flying letter “m.” The vulture holds its wingtips up in a “v” and tends to tilt from side to side rather tipsily in the breeze. It’s such a distinctive difference, a veteran hawk watcher can tell which species is which from two miles away.

Metro

People places • open spaces

Clean air and clean water do 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 24 cities and three counties in the Portland metropolitan area.

A regional approach simply makes sense when it comes to protecting open space, 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.

Your Metro representatives

Metro Council President – David Bragdon
Metro Councilors – Rod Park, District 1; Brian Newman, deputy council president, District 2; Carl Hosticka, District 3; Susan McLain, District 4; Rex Burkholder, District 5; Rod Monroe, District 6.
Auditor – Alexis Dow, CPA

Metro’s web site
www.metro-region.org


Metro GreenScene is produced by Metro’s Regional Parks and Greenspaces Department.

On the cover

(clockwise from top left): A young nature lover, summer clouds, dinner at Oxbow and an afternoon nap.

Photographs by Bruce Barbarasch, Brothers from Different Mothers, Jim Cruce, C. Bruce Forster, Ron Klein, Lora Price, Elaine Stewart and Lia Waiwaiole.

Illustrations by Carey Cramer, Kathy Deal, Barbara Macomber, 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.



Specially adapted for hunting fish, an osprey makes a spectacular and successful catch.

Osprey tend to mate for life, but they don't always spend winters with their mates. Instead they meet up on the way to or at their breeding grounds. Osprey often use the same large nest year after year, renovating it with fresh sticks each spring as part of their courtship, and making repairs to winter storm damage. In wilder areas, the osprey's preferred nesting spot is at the top of a snag or broken-topped tree large enough to support the nest, but they'll also happily use platforms built for them by understanding humans in more urban locales.

Each year, a pair of osprey raises one to four young. Each baby bird can eat about 6 pounds of fish daily, so the parents stay very busy in early summer trying to keep up with their offsprings' appetites. As birds of prey, osprey are at the top of the river food chain, sustained almost entirely by fish that in turn depend on legions of tiny aquatic insects.

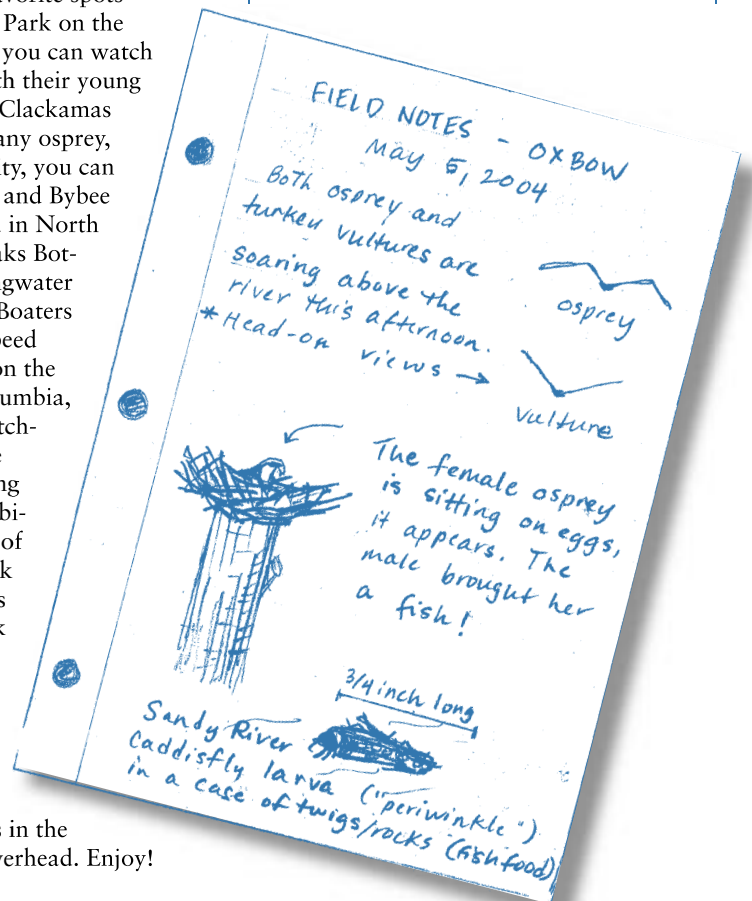
Like the bald eagle, osprey numbers were decimated in the 1950s through the 1970s because of the widespread use of the pesticide DDT, habitat loss and shooting. Fortunately the banning of DDT and further protections have helped both raptors make a significant comeback, and in the Portland area, osprey now can be seen on almost any major river or lake.

In fact, if you like the outdoors, summertime would seem awfully empty without the sound of the osprey's high-pitched whistling cry. Where can you go to enjoy them? One of my favorite spots is Oxbow Regional Park on the Sandy River, where you can watch at least one pair with their young every summer. The Clackamas River is home to many osprey, too. Closer to the city, you can view them at Smith and Bybee Lakes Wildlife Area in North Portland, and at Oaks Bottom along the Springwater on the Willamette. Boaters and drivers often speed by osprey families on the Willamette and Columbia, too. (All osprey-watchers, please take care not to disturb nesting birds.) For pure ambiance, pick the river of your choice and kick back. Nothing beats lying on a riverbank or in a lazily drifting boat with the sun on your face and watching the wing beats of an osprey or two spinning circles in the blue summer sky overhead. Enjoy!

Grants help you help greenspaces

Do you have an idea for a project that will help connect people to nature in your neighborhood? Metro, in partnership with the U.S. Fish and Wildlife Service, is offering environmental education grants to nonprofit organizations, schools, local governments, private businesses and residents in the Portland/Vancouver metropolitan area. Grants of up to \$10,000 are available to build comprehensive environmental education programs around urban natural areas that encourage field and hands-on learning experiences for citizens of all ages. Applications are due Sept. 24, 2004.

Visit Metro's web site to learn more about the program and download an application. An online grant-writing guide also is available. Begin at www.metro-region.org/grants and follow the link to the "Greenspaces grant program." To receive a copy of the application by mail, call (503) 797-1545.



Important changes at Smith and Bybee Lakes Wildlife Area

By volunteer contributor Jason Wolf

At a glance, the new water-control structure between the north Columbia Slough and Bybee Lake doesn't look like something to celebrate. It's an unassuming concrete barrier about 30 feet across topped with a metal railing, engineered to fit into a gap in the earthen dike that separates the slough channel from the wetlands.

But let's look closer. The structure marks an exciting turning point in the management of Metro's 2,000-acre Smith and Bybee Lakes Wildlife Area. Completed in December 2003, it reconnects Smith and Bybee lakes with the floodplain of the Columbia River, which periodically flooded the area for millennia before human intervention. Various structures have been in place at this point along the southern edge of Bybee Lake for at least 100 years. Because it's the lowest point, the hydrology of the entire area can be controlled from there.

The structure reflects current thinking for wetland restoration – restore historic hydrology and the floodplain habitat will be restored also. Previous dams held water in the lakes year-round, but historically, the lakes would flood in the winter and spring and dry up in the summer. The structure allows flow in both directions, creating a dynamic system that can rise and fall with the Columbia River. It has a fish ladder on one end and wooden boards in four separate channels that can be inserted or removed to hold in or re-

lease water. One of the bays is engineered so that paddlers can pass through during certain times of the year. In a word, it's versatile.

Why is the structure needed? Dramatic changes in the frequency and duration of flooding of the Columbia and Willamette rivers due to construction of dams and filling of wetlands have reduced periodic floods. This is important for keeping our cities dry, our farms irrigated and our electricity abundant, but represents a challenge to species that have evolved to live in floodplain wetlands that surround rivers.

As Elaine Stewart, Smith and Bybee Lakes Wildlife Area manager, explains, "Historically, there were big flow spikes in the Columbia River in winter and late spring and this area would flood into June. Then, it would dry up completely in the summer. Now that the river is managed for multiple uses, we need the water-control structure to mimic what used to happen at Smith-Bybee." Currently, the new structure is holding water in the

lakes in order to drown out the invasive reed canarygrass that now dominates the shoreline and to keep the area inundated until June.

Return the hydrology and the habitat will return. Some 350 acres of bottomland forest that was flooded will return now that the soil will be saturated only part of the year. Pacific willow, Oregon ash and other species that are adapted to wetland hydrology will recolonize around the wetlands.

Restore the habitat and the species will return. Migratory and resident bird species will benefit from the restored foraging and nesting habitat, and mudflats exposed in the summer will support migrating shorebirds. Amphibians such as the red-legged frog and several species of salamanders should return in abundance. Also, the lakes will now provide important habitat for juvenile salmon during winter and spring.

Cyndi Baker, a fisheries biologist with Ducks Unlimited, Inc., is studying fish in the lakes to confirm that they can move through a new fish ladder in the structure and to see how they make use of the wetlands. Baker has caught juvenile chinook salmon in the lakes and surmises that this kind of floodplain habitat may be very valuable for juvenile salmon. Wetlands like Smith and Bybee Lakes Wildlife Area may provide a place for young salmon to spend the winter or to rest and feed during their seaward migration. If so, providing greater access to this rare habitat type will greatly benefit salmon.

The plan for the new water-control structure has been brewing for about 10 years. It's the culmination of hard work in fundraising, permitting and planning by many agencies. Funding was provided by the U. S. Fish and Wildlife Service, Oregon Watershed Enhancement Board, the city of Portland, the U. S. Forest Service, Metro and Ducks Unlimited.

While recognizing all the agencies involved, Stewart is emphatic when she talks about how the project finally reached completion. "This would not have happened without Ducks Unlimited. The group provided engineering design, fundraising and construction management. The expertise and commitment of Ducks Unlimited to restoring and conserving wetlands really made this project a success."



The new water-control structure at Smith and Bybee Lakes Wildlife Area reconnects the area with the Columbia River floodplain – and its past.

Summer happenings



Bug Fest

12:30 to 4 p.m. Saturday, Aug. 28

It's not money that makes the world go round. It's bugs. These tiny critters help recycle fallen trees, pollinate flowers and get eaten by larger animals. Celebrate bugs and discover more about our little friends at the Tualatin Hills Nature Park where games, displays, live bugs and guided activities await the whole family. Check out the Bug Lab, which has microscopes, magnifiers and naturalists to help you explore the hidden lives of these tiny creatures. Bug Fest is made possible in part by a greenspaces grant from Metro and the U.S. Fish and Wildlife Service.

Admission to the festival is \$1.50 per person. For more information, call (503) 644-5595. *Tualatin Hills Park and Recreation District, Xerces Society and Metro* ♿

National Trails Day Fair 9 a.m. to noon

Saturday, June 5

Come to the H. M. Terpenning Recreation Complex in Beaverton for a free event celebrating National Trails Day. Learn about plans for local, regional and state trails, alternative transportation options and using trails for fun. Get a free bike tune-up or helmet fitting. The Hike 'n' Bike event starts and finishes at the fair, so there will be lots of action. Stop by the Metro booth for a fun children's activity. *Tualatin Hills Park and Recreation District* ♿

Explorando el Columbia Slough

1 to 5 p.m. Saturday, June 26

Join the Columbia Slough Watershed Council for a free Spanish language environmental education festival. Refreshments, music, educational displays, games, bilingual storytelling and guided canoe trips will be provided. Activities are offered in both Spanish and English. Come to the Whitaker Ponds Environmental Education Center at 7040 NE 47th Ave. For more information, call (503) 281-1132. *Columbia Slough Watershed Council* ♿

Tualatin River Discovery Day

9 a.m. to 3 p.m. Saturday,
June 26

Come to the Tualatin River National Wildlife Refuge for the 15th annual Tualatin River Discovery Day. Join the riverkeepers for a paddle through the refuge, and then take a short hike to the environmental fair. \$5 for members; \$10 for non-members. Canoes are available to rent. To reserve a paddle time, call (503) 590-5813. *Tualatin Riverkeepers*

Midsummer night at Lone Fir

5 to 8 p.m. Saturday, July 17

Bring a blanket to sit on while you enjoy live music, eat ice cream and watch Portland history come to life as local performers present the tales of the famous and infamous folks whose final resting places are in this historic pioneer cemetery. Bring the whole family and a picnic dinner. Suggested donation is \$2 per person or \$5 per family or group. For more information, call (503) 797-1709. *Friends of Lone Fir Cemetery* ♿

Columbia Slough Regatta

9 a.m. to 1 p.m. Sunday,
July 25

This free family focused event attracts hundreds of canoeists and kayakers each year to the banks of the Columbia Slough, a waterway with unique history, abundant wildlife and many recreational opportunities. Enjoy a day of paddling, education and fun. Participants receive a free t-shirt, refreshments and maps of the slough. For more information, call (503) 281-1132. *Columbia Slough Watershed Council*

Fourth of July fireworks and music

at Metro's Blue Lake
Regional Park in
Fairview

Celebrate Independence Day with fireworks, music and fun. Pack a picnic, load up your loved ones and join us at Blue Lake for a good time for the whole family.

Event Stage

Community fun from
4 to 6 p.m.

Local groups share their talents

Music from 6 to 10 p.m.

Triple Creek

Acoustic guitar trio

Richard Arnold and the Groove Swingers Mo- town Review

Blues and soul

Northwest Women Rhythm and Blues

Blues and country fun featuring Sonny Hess

Admission is \$7 per vehicle. No pets, alcohol or personal fireworks.

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Special thanks
Fairview Police Department
Multnomah County Sheriff's Office
Gresham Fire Department
Gresham Chamber of Commerce
West Columbia Gorge Chamber of Commerce
Volunteers in the Gorge
Gresham Optimists Club
Reynolds Title 9 Families
Gresham Sports Park

AROUND THE CAMPFIRE *at Oxbow*



Bring the family to Oxbow Regional Park for weekend evening campfire stories, nature programs and old-fashioned entertainment. On Friday nights, we feature live music in the park, and on Saturday nights we bring in fascinating natural history presentations and master storytellers.

Campfire programs are held in the outdoor forest amphitheater across from the campground. It's a great way to spend the evening when you're camping at Oxbow, but you don't have to camp to enjoy them. Although the park closes at sunset, those who attend the campfire program and want to leave afterward will be let out at the gate by the rangers. Please park in the designated area near the boat ramp. Park entry fee is \$4 per car. No registration required. For more information, call Metro at (503) 797-1850. 

The folk music of Juliet Wyers

8:30 to 9:30 p.m. Friday, July 2

We'll kick off the summer campfire season with folk/pop singer and songwriter Juliet Wyers, whose vibrant music and lyrics are a pleasure to the ears.

Birds of prey of the Pacific Northwest

8:30 to 9:30 p.m. Saturday, July 3

Live birds of prey visit the campfire circle from Hawk Haven. Find out cool raptor facts and meet an eagle for Independence Day.

Old-time bluegrass tunes

8:30 to 9:30 p.m. Friday, July 9

Bluegrass musicians Greg Stone and Lon Jones will play guitar and mandolin and sing old-time tunes around the campfire. Tap your feet, dance or just sit back and enjoy the music.

The amazing night life of bats

8:30 to 9:30 p.m. Saturday, July 10

What's faster than a speeding mosquito, more powerful than bug repellent and able to navigate the night? Bats! Naturalist Kim Wilson shares great bat slides while we watch and listen for real live bats.

Old-time music with Dave and Will

8:30 to 9:30 p.m. Friday, July 16

Dave and Will Elliott, father and son, return to Oxbow with great bluegrass tunes. Enjoy old-style brother duets and sing along with some favorites.

Salmon stories, bear tales and the legend of the swallowing monster

8:30 to 9:30 p.m. Saturday, July 17

Join master storyteller Will Hornyak for an entrancing evening of Northwest myths, legends and tall tales.

Tall tales and bluegrass

8:30 to 9:30 p.m. Friday, July 23

Mitch Lockett is a gifted spinner of yarns and old-time musician with an affinity for birds. Whether it's Ozark tall tales or banjo songs, Mitch brings us a humorous performance.

Discovering the wildlife of Oxbow

8:30 to 9:30 p.m. Saturday, July 24

Oxbow Regional Park is on a wildlife corridor and is home to elk, bears, bobcats, river otters, pygmy owls and much more. Hear about real-life encounters with animals from Elisabeth Neely, the park naturalist.

The folk music of Juliet Wyers

8:30 to 9:30 p.m. Friday, July 30

See July 2 description.

Penguins of Oregon

8:30 to 9:30 p.m. Saturday, July 31

Wait a minute – there aren't any penguins in Oregon! But there are other fascinating seabirds that look like penguins that you can see at the coast. Metro naturalist James Davis appears in seabird costumes to tell all about puffins, auks and more.

Old-time bluegrass tunes

8 to 9 p.m. Friday, Aug. 6

See July 9 description.

Discovering ethnobotany of the Northwest

8 to 9 p.m. Saturday, Aug. 7

Learn how plants have been used for thousands of years for food and medicine with naturalists Natalie Norman and Miriam Burk from Portland Parks and Recreation. Get to know several common plants to use as natural insect repellent and more.

Jen and Wendy's eclectic tunes

8 to 9 p.m. Friday, Aug. 13

The whole family will enjoy Jen and Wendy's theatrical performance style and vocal harmonies, with trailside songs featuring bears, bugs and the great outdoors!

Birds of prey of the Pacific Northwest

8 to 9 p.m. Saturday, Aug. 14

See July 3 description.

Fiddlin' in the park with Greg Clarke

8 to 9 p.m. Friday, Aug. 20

Enjoy the sounds of banjo, fiddle and mandolin among the trees as Greg Clarke brings us old-time tunes around the campfire. It's a contagious performance sure to get your toes tapping.

The amazing night life of bats

8 p.m. to 9 p.m. Saturday, Aug. 21

See July 10 description.

Campfire songs and sing-along

8 to 9 p.m. Friday, Aug. 27

Guitarist Brad Price has a great stage presence and you'll love listening to him strum and sing family favorites, including "Puff the Magic Dragon" and many other great campfire songs.

Shadow puppets: Jack and the Varmints

8:30 to 9:30 p.m. Saturday, Aug. 28

Behind Oregon Shadow Theatre's illuminated screen, colorful shadow puppets come to life. In this Appalachian tale, our boy-hero Jack must capture a unicorn and perform other amazing feats – all to the sounds of live banjo and dulcimer. Note the later start time.

Old-time music with Dave and Will

8 to 9 p.m. Friday, Sept. 3

See July 16 description.

Storytelling to the beat of the drum

8 to 9 p.m. Saturday, Sept. 4

Gordon Munro returns with his special blend of the ancient arts of drumming and storytelling. You'll enjoy folk stories from different cultures around the world.

Camping at Oxbow

What are you waiting for? Grab your sleeping bags, throw a tent in your trunk and head out to Oxbow Regional Park for a night under the stars. Oxbow's 67 campsites each include a picnic table, fire pit/cooking grill and lantern pole. Camping fee is \$15 per night and all sites are available on a first-come, first-served basis. Two restroom/shower buildings offer hot and cold running water, coin-operated showers, heated-air hand dryers, radiant floor heating and flush toilets. The restroom facilities and two campsites are accessible by wheelchair. Twelve pull-through sites are available for RVs. For more information, visit the Metro web site at www.metro-region.org/parks.



New picnic shelters and restrooms

Just in time for summer gatherings and park visitors, Oxbow Regional Park unveils three new group shelters and two new restroom buildings. One shelter is located in the group camping area; the others can be reserved for group picnics of up to 100 people. The open air shelters have concrete floors and provide covered seating for 64 people. As with all of Oxbow's reservable shelters, the picnic areas each include tables, a large barbecue, potable water, parking and a turf play area. For more information or to make a reservation, call (503) 797-1850.

NATURALLY for kids



Metro's Naturally for Kids summer program offers a full day of discovery and fun to families and groups. Free stage shows featuring local musicians, magicians and storytellers will have crowds of children singing, dancing, learning and laughing. Registration is not required for the stage shows. Youngsters also are invited to participate in nature craft activities and make a nature-themed craft to take home. There is a \$2 materials fee payable at the park, and groups of 10 or more are asked to register in advance. All ages are welcome, but Naturally for Kids activities are especially fun for children age 12 and younger.

The "road show"

In July, Naturally for Kids is on Wednesdays at Metro's Blue Lake Regional Park. In June and August, Naturally for Kids will make appearances at parks and special events in Washington and Clackamas counties. See individual listings for location information. ♿

Friday, June 25

Lake Oswego Festival of the Arts at George Rogers Park
611 State St., Lake Oswego

1 to 2 p.m.

Nature craft: Stamp print habitats

Design a Northwest habitat for the animal of your choice with our huge collection of cool nature stamps.

2 to 3 p.m.

Stage show: Arthur Atsma

This show is interactive magic at its funniest.

Wednesday, July 7

Blue Lake Regional Park

10 to 11 a.m.

Nature craft: Northwest animal stories

Make up a story to go with a picture you create with rubbings, stamps and stencils of Northwest plants and animals.

2 to 3 p.m.

Stage show: Brothers from Different Mothers

These two irrepressible jugglers and comedians will leave you breathless with their acrobatics, magic, jokes and juggling.

Wednesday, July 14

Blue Lake Regional Park

10 to 11 a.m.

Nature craft: Sand painting

Create your own beautiful sand painting using techniques from around the world.

2 to 3 p.m.

Stage show: Mother Nature's Garden puppet show and Hawk Haven

The Metro recycling team presents a funny and informative puppet show. Hawk Haven brings live Northwest birds of prey to visit.

Wednesday, July 21

Blue Lake Regional Park

10 to 11 a.m.

Nature craft: Animal masks

Camouflage helps animals evade predators. Can you create an animal or bird mask that will hide you from your friends?

2 to 3 p.m.

Stage show: Fools in Paradise

The lively Caribbean beat with deep African roots will have you dancing and stomping through the whole show.



Brothers from Different Mothers

Wednesday, July 28

Blue Lake Regional Park

10 to 11 a.m.

Nature craft: Papermaking

Wasps do it and so can you – making homemade paper is a fun way to recycle paper.

2 to 3 p.m.

Stage show: Ethos, Inc.

The fabulous Music Mobile will deliver a rollicking reggae beat.

Wednesday, Aug. 11

Memorial Park

7950 SW Memorial Drive, Wilsonville

1 to 2 p.m.

Nature craft: Northwest animal stories

Make up a story to go with a picture you create with rubbings, stamps and stencils of Northwest plants and animals.

2 to 3 p.m.

Stage show: Arthur Atsma

Arthur brings his interactive magic show to Wilsonville's summer activities for youngsters.

Tuesday, Aug. 17

Stella Olsen Park

655 NW Washington St., Sherwood

noon to 1 p.m.

Nature craft: Animal masks

Camouflage helps animals evade predators. Can you create an animal or bird mask that will hide you from your friends?

1 to 2 p.m.

Puppet show: Mother Nature's Garden

The Metro recycling team presents a funny and informative puppet show.

2 to 3 p.m.

Stage show: Ethos, Inc.

The Music Mobile will deliver a rollicking reggae beat to this Police Activities League's summer series in Sherwood.

Thursday, Aug. 26

Summer Community Carnival Garden Home Recreation Center

7475 SW Oleson Rd., Portland

1 to 2 p.m.

Nature craft: Bug mania

Bug-a-loons, bugs to wear, bugs to stamp, bugs everywhere.

2 to 3 p.m.

Stage show: Steve the Pretty Good

Check out this super duper magic show filled with wonder, surprises, laughs and lots of audience participation.

Special information for large groups

If you are bringing 10 or more children to a nature craft activity, you must register in advance and make a \$20 deposit toward the materials fee. The deposit will cover the cost of the first 10 participants; you will pay for the rest on the day of the activity. Call (503) 797-1850 option 5 to register your group. Advance registration is not required for the stage shows, regardless of group size.

Oxbow Adventures

**1 to 2:30 p.m.
Tuesdays**



The edge of an ancient forest at Metro's Oxbow Regional Park is the setting for this series of children's nature programs led by park naturalists. Meet at Group Picnic Area A. Arrive at the park entrance at about 12:45 p.m. to get to the area on time. Suitable for children ages 5-10. Family groups and day care centers are welcome. Free with park entry fee of \$4 per car or \$7 per bus. Advance registration required. Call (503) 797-1850 option 4. Wheelchair accessible by arrangement, except River Roundup.

Osprey adventure

June 29

What does an osprey eat? How big is its nest? Find out all about these big birds of prey, then take a walk to see a real osprey nest – and with luck, the “fish hawks” themselves. Then try out your “wings” on our osprey obstacle course.

Barefoot and bear feet

July 6

Summer is barefoot time. How do your feet compare to the feet of a bear, a duck or a deer? What can you tell about an animal from its footprints? Have fun as you try walking like various animals and take a ticklish barefoot walk.

Sneaky scavenger hunt

July 13

We'll break into small clans and our naturalist leaders will guide us through the deep shady forest on a scavenger hunt for cool nature stuff and a bag of treasure. But beware – the others might be sneaking up on us.

Forest fashion

July 20

What are the animals wearing this season? Why is it hard to see the wildlife? Can we copy the animals to get closer to them? Find out how to camouflage yourself so you can see more wildlife everywhere, and play a wild camo hide-and-seek game.

River roundup

July 27

Discover firsthand the many creatures that live in and near the Sandy River in this popular trip. We'll have a great time catching and releasing water bugs, crayfish and more. Nets and magnifying glasses are provided for a close-up view.

VOLUNTEERS

our greatest
natural resource



Volunteer VENTURES

Saturdays at
Forest Park
9 a.m. to noon

Every Saturday except
major holidays

Ivy removal

Join forces with the No Ivy League and help battle what they call the “green plague” at Forest Park. Groups of five or more are asked to register in advance. Bring water, work gloves and a conquering attitude. Meet at the Lower Macleay Field House at the end of Northwest Upshur just past 29th. For more information, call (503) 823-3681. *Forest Park Ivy Removal Project*

Trail maintenance

Join the Friends of Forest Park for trail maintenance and repair work parties on the beloved trails of Forest Park. Meet at the Lower Macleay Field House at the end of Northwest Upshur just past 29th. Bring water and work gloves and be prepared for a short hike to a worksite. For more information, call (503) 223-5449. *Friends of Forest Park*

Stewardship days at Smith and Bybee

9 a.m. to 1 p.m. Sundays,
June 6, July 11 and Aug. 1

Help restore this 2,000-acre North Portland wetland by weeding around native plantings, removing invasive species, collecting native plant seeds and picking up trash. We also will take a break to check out the wildlife that we are helping. For more information, call (503) 797-1850 option 8. *Metro*

Monumental evenings at Lone Fir

6:30 p.m. to sunset Tuesdays,
June 8 and 22, July 13 and
27, Aug. 10 and 24

Enjoy the beauty and tranquility of Lone Fir Pioneer Cemetery in Southeast Portland. Discover traces of days gone by as you help care for the headstones and landscape of this historic pioneer cemetery. For more information, call (503) 797-1850 option 8. *Friends of Lone Fir Cemetery* ♿

Fanno Creek work days

9 a.m. to 1 p.m. Saturdays,
June 12, July 10 and Aug. 14

On the second Saturday of each month you are invited to help remove invasive plant species along the Fanno Creek Greenway Trail. Meet at the Garden Home Recreation Center. For more information, call (503) 644-8469 ext. 31. *Tualatin Hills Park and Recreation District*

Friends of Trees neighborhood coordinator training

9 a.m. to 1 p.m. Saturday,
June 12

Neighborhood residents learn how to organize tree plantings in their neighborhoods during next year’s planting season. Advance registration required; call Rachel at (503) 282-8846 ext. 12. *Friends of Trees*

Powell Butte trail maintenance

9 a.m. to noon Saturdays,
June 12, July 10, Aug. 14

Help restore the trail system at Powell Butte Nature Park. Bring water and gloves. Meet at the parking lot at the top of the hill on Southeast 162nd Avenue off Powell Boulevard. To register, call (503) 823-6131. *Portland Parks and Recreation*

Salmon Creek habitat restoration

8:45 a.m. to 1 p.m. Saturdays,
June 12 and 19

Help restore natural habitat in the Salmon Creek watershed in Clark County to improve water quality and the health of salmon. Activities include watering, invasive species removal, monitoring and mulching. Tools, training and refreshments will be provided. For more information and to register, call (360) 992-8510. *Clark Public Utilities*

Wildlife refuge restoration

9 a.m. to noon Saturday,
June 12

Help weed, mulch, water and monitor the health of young plants at the Tualatin River National Wildlife Refuge. An environmental education presentation and tools are provided. Sturdy shoes, long pants and long sleeves recommended. No experience or advance registration required. For more information, call (503) 284-8733 or visit www.friendsoftrees.org. *Friends of Trees*

Errol Heights wetlands work days

9 a.m. to noon Saturdays,
June 19, July 17 and Aug. 21

Help restore this 14-acre wetland in the heart of Southeast Portland. Remove invasive plants and care for newly planted native plants. Meet at the corner of Southeast 52nd and Tenino. Bring water and gloves. To register, call (503) 823-6131. *Portland Parks and Recreation*

Lone Fir work days

10 a.m. to 1 p.m. Saturdays,
June 19 and Aug. 21

Help preserve Portland history. Volunteers will help with gardening and landscaping and work with experts to locate, raise, level and record hidden headstones. Tools and training provided. For more information, call (503) 797-1850 option 8. *Metro and Friends of Lone Fir Cemetery* ♿

SOLV Project Oregon at Tualatin Hills

9 a.m. to 1 p.m. Saturday
and Sunday, June 19 and 20

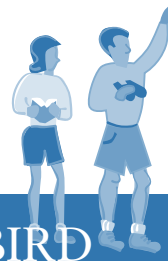
Come to the Tualatin Hills Nature Park and remove invasives and plant native plants as part of SOLV Project Oregon. Bring work gloves and drinking water. There will be a short hike to the work site. To register, call (503) 644-5595. *Tualatin Hills Park and Recreation District and SOLV*

Woods Memorial Natural Area restoration

9 a.m. to noon Saturdays,
June 19, July 17 and Aug. 21

Help restore this 32-acre wooded park in Southwest Portland by caring for recently planted natives and removing morning glory and ivy. Meet at the corner of Southwest Alice Street and 43rd Avenue. Bring water and gloves. For more information, call (503) 823-6131. *Portland Parks and Recreation*

Summer Calendar



BIRD Watching

New volunteer orientation

noon to 1 p.m. or 6 to 7 p.m. Wednesdays, June 23, July 21 and Aug. 18

Start your Metro volunteer experience off on the right foot. Join us for new volunteer orientation either during the lunch hour or in the evening at Metro Regional Center, 600 NE Grand Ave. Learn about Metro parks and greenspaces, 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. To register, call (503) 797-1850 option 7. *Metro* ♿

Butterfly Park restoration

9 a.m. to noon Saturdays, June 26, July 24 and Aug. 28

This little park along the Willamette River was planted last winter and needs some loving care to keep the invasive species from returning. Park on Southwest Miles Place and walk one block south to meeting place. Bring water and gloves. To register, call (503) 823-6131. *Portland Parks and Recreation*

Heatherwood Wetlands restoration

9 a.m. to noon Saturday, June 26

Help weed, mulch, water and monitor the health of young plants at Heatherwood Wetlands in Sherwood. An environmental education presentation and tools are provided. Sturdy shoes, long pants and long sleeves recommended. No experience or advance registration required. For more information, call (503) 284-8733 or visit www.friendsoftrees.org. *Friends of Trees*

Nature park work days

9 a.m. to 1 p.m. Saturdays and Sundays, July 17 and 18 and Aug. 14 and 15

Help out at the Tualatin Hills Nature Park by removing invasive species and creating a desirable habitat to protect native plants and wildlife. Bring water and work gloves. Volunteers under age 14 need to be accompanied by an adult. To register, call (503) 644-5595. *Tualatin Hills Park and Recreation District*

Clear Creek Canyon work day

9 a.m. to noon Saturday, July 24

Join Metro Council President David Bragdon for a work day at Clear Creek Canyon. This Metro open space in Clackamas County includes great views of Mt. Hood, wetlands, forest and a fish-bearing creek. Volunteers are needed to remove mouse mesh from new trees that have outgrown their protective covers. Also, fence removal is a high priority in order to provide greater access to the site for its caretakers and wildlife. To register and receive directions, call (503) 797-1850 option 8. *Metro*

Salmon Watch program training

8:15 a.m. to 12:15 p.m. Saturday, Aug. 21

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

Lunch with the birds

noon to 1 p.m. Wednesdays, June 2, 9, 16, 23 and 30

Meet a Jackson Bottom naturalist and spend your lunch hour learning to identify migrating waterfowl and other cool birds at Jackson Bottom Wetlands. Spotting scopes, binoculars and field guides will be provided. Meet at the north viewing shelter next to the Clean Water Services sewage treatment plant on Highway 219 south of Hillsboro. Free. For more information, call (503) 681-6278. *Jackson Bottom Wetlands Preserve* ♿

Tualatin River watershed birds of summer

6:30 to 9 p.m. Wednesday, June 2

Join instructor Doug Robberston and learn about the birds of the Tualatin River watershed. This indoor evening session (location to be determined) will be followed by a Saturday morning paddle trip from Cook Park in Tigard. \$20 for Tualatin Riverkeepers; \$30 for non-members. For more information or to register, call (503) 590-5813. *Tualatin Riverkeepers*

Evening bird walks at Orchard Park

7 to 8:30 p.m. Thursdays, June 3, 10 and 17

Join Metro naturalist James Davis at the new Orchard Park in Hillsboro for some late spring birding at one of the most pleasant times of the day. This 20-acre site in

the Rock Creek greenway was purchased by Metro with funds from the open spaces, parks and streams bond measure and is managed by the city of Hillsboro. The park features a universally accessible looped trail system through woodlands and meadows, and across floodplain and wetland areas via boardwalks. Bring your binoculars or borrow a pair of ours. Free. Advance registration required; call (503) 797-1850 option 4. You will receive directions and other information after you register. *Metro* ♿

Summer bird watching at Smith and Bybee

9 to 11 a.m. Saturdays, June 5 and 19, July 3 and 17

Wander the trails at Smith and Bybee Lakes Wildlife Area with Metro naturalist and birding expert James Davis. Nesting activity will wind down in July and we will start seeing baby birds and family flocks. Learn to identify the most common birds by their songs. Suitable for adults and children 12 and older. Bring your binoculars or borrow a pair of ours. Advance registration is required; call (503) 797-1850 option 4. *Metro* ♿

Lewisville Park bird walk

8 to 10:30 a.m. Saturday, Aug. 14

Hone your bird identification skills and learn about wild bird behavior on a free guided nature walk. Suitable for adults and children with beginning to intermediate birding skills. Meet at the Vancouver Backyard Bird Shop. Advance registration is required; call (360) 253-5771. *Backyard Bird Shop*



NATURE Discoveries

Tryon Creek evening hikes

7 to 8:30 p.m. every Wednesday through August
Join a park naturalist for a free guided hike through the night forest of Tryon Creek State Natural Area. Learn about nocturnal creatures, night noises and much more. All ages welcome. For more information, call (503) 636-4398. *Tryon Creek State Natural Area*

Painted turtle walks

12:30 to 2 p.m. Saturdays, June 5 and 19, July 3 and 17
Smith and Bybee Lakes Wildlife Area is home to one of the largest remaining populations of Western painted turtles in the Northwest. See these beautiful reptiles with the help of Metro naturalist James Davis, who will have small telescopes for a close look. Learn about the natural history of painted turtles and why they are so rare. Suitable for adults and children 6 and older. Meet in the parking area on North Marine Drive. Free. Advance registration required; call (503) 797-1850 option 4. *Metro* ♿

Tualatin River National Wildlife Refuge hike

9 a.m. to 1 p.m. Saturday, June 5
Hike the Tualatin River National Wildlife Refuge and the Cedar Creek Greenway near Sherwood. Learn about how community groups are working to maintain environmental quality around the refuge on this 3-mile hike. Meet at the Lake Oswego public parking lot on the east side of Highway 43 at Foothills Drive. Carpooling will

be necessary; compensation of \$2 per rider will go to the drivers. To register, call (503) 699-9825. *Three Rivers Land Conservancy and Raindrops to Refuge*

Tot walk at Bryant Woods

11 a.m. to noon Monday, June 7
Join other children and parents as you explore Bryant Woods Nature Park with a naturalist. Look for raccoons, deer and other critters. The program is for children 6 and younger with a parent. \$3 for Lake Oswego residents; \$4 for others. To register, call (503) 675-2549. *Lake Oswego Parks and Recreation*

Twilight Tuesdays

7 to 9:30 p.m. Tuesdays, June 8 and 15, July 13 and 27

Time change for August walks: 6 to 8:30 p.m. Tuesdays, Aug. 3 and 17
This relaxing walk at Smith and Bybee Lakes Wildlife Area takes advantage of those long summer days and gives you a chance to unwind after work. Dusk is one of the best times to see wildlife, especially during the summer. It is about the only time you can see

most mammals such as beaver, otter, muskrat, raccoon, nutria, deer and mink. Birds also are more active. Discuss the basics of wildlife watching and identification with Metro naturalist James Davis. Bring your binoculars or borrow a pair of ours. All ages are welcome, but children must be able to be quiet, sneaky and patient. Free. Advance registration required; call (503) 797-1850 option 4. *Metro* ♿

Newell is the Jewel

11 a.m. to 1 p.m. Sunday, June 13
Few people know the secrets of hidden Newell Creek Canyon. Join Metro naturalist Deb Scrivens on an adventurous journey to the inner reaches of this amazing forested watershed in Oregon City. Learn about the rare plants and endangered animals that live here. Wear shoes that can get a bit muddy. This free tour is suitable for all ages. To register, call (503) 797-1850 option 4 and leave your address. Directions to the site will be mailed to you. *Metro*

Smith and Bybee paddle trips

Traveling by canoe or kayak is the best way to explore Smith and Bybee Lakes Wildlife Area in North Portland. Meet at the parking lot on North Marine Drive. Free. Bring your own kayak or canoe and personal flotation device. Launch location varies depending on water levels. Advance registration required. *Friends of Smith and Bybee Lakes*

4:30 to 8:30 p.m. Saturday, June 5
To register, call Frank Opila at (503) 283-1145.

8:30 a.m. to 12:30 p.m. Sunday, June 20
To register, call Troy Clark at (503) 249-0482.

4 to 8 p.m. Friday, July 16
To register, call Troy Clark at (503) 249-0482.

noon to 4 p.m. Saturday, Aug. 7
To register, call Dale Svart at (503) 285-3084.

Forest Grove summer lunch series

11 to 11:45 a.m. Wednesdays, June 16 through Aug. 11
Bring a sack lunch and enjoy a short nature presentation under the shady trees of Rogers Park in Forest Grove. Topics include bats, frogs, salmon, cougars and lichen. Games and prizes make these free programs fun for all ages. For more information, call (503) 359-7485. *Oregon Department of Forestry* ♿

Wilsonville Tract walk

10 a.m. to 12:30 p.m. Saturday, June 19
Join Metro naturalist Deb Scrivens for a free nature walk at Graham's Oak Natural Area. The walk will focus on native plant communities, signs of wildlife and future plans for the area. The tour route will take us past several huge, fully mature old-growth Douglas fir trees. Suitable for adults and children 8 and older. Wear hiking shoes that can get muddy. Meet at CREST at 11265 SW Wilsonville Rd. Advance registration required; call (503) 682-3727. *city of Wilsonville and Metro*

Twilight hike at Jackson Bottom

7:30 to 9:30 p.m. Saturday, June 19
Take a leisurely evening walk around Jackson Bottom Wetlands Preserve with naturalist Sarah Pinnock to watch for birds, listen for frogs and look for animal tracks and sign. Families are welcome, but strollers do not navigate well on the trails. \$3 per person. Advance registration is required; call (503) 681-6278. *Jackson Bottom Wetlands Preserve*

Canemah Bluff tour

10 a.m. to noon Sunday, June 20
This natural area perched atop a cliff features a wonderful view of the Willamette River, a great variety of native plants, rich local history and amazing

examples of the Pacific yew tree. Join Metro naturalist Deb Scrivens for a leisurely exploration. Wear shoes that can get wet or muddy. Free. Advance registration required; call (503) 797-1850 option 4. You will receive directions to the meeting place and other details after you register. *Metro*


Tot walk at George Rogers Park

11 a.m. to noon Monday, June 21

Play on the beach and stroll through the woods at George Rogers Park on the Willamette River with a naturalist. The program is for children 6 and younger with a parent. \$3 per day for Lake Oswego residents; \$4 for others. To register, call (503) 675-2549. *Lake Oswego Parks and Recreation*

Hoyt Arboretum hikes

9 a.m. to 3 p.m. Saturday and Sunday, June 26 and 27

Explore a part of the Hoyt Arboretum you may never have seen before or introduce your friends to your favorite trail. This event will highlight the arboretum's new self-guided tour brochures featuring 1-, 2- and 4-mile walking loops and a wheelchair/stroller accessible 1-mile route. Come at a convenient time and walk at your own pace through some of the 8,000 trees and plants in the arboretum. Register at the visitor center and receive your t-shirt and route brochure. \$5 per adult, \$3 per child or \$15 per family. Free for members. For more information, call (503) 228-8733. *Portland Parks and Recreation*  *by arrangement*

Animal tracking workshop and practice


7 to 8:30 p.m. Tuesday, July 6, and 9:30 a.m. to 12:30 p.m. Saturday, July 10

Have you ever wondered who or what made those footprints on the sides of trails? With practice, you can learn to read the ground like a book. Join

Metro naturalist and animal tracker Deb Scrivens at the Tualatin Hills Nature Park for a Tuesday evening indoor class and slide show to help you get started. Then practice your skills the following Saturday on a special tour of Cooper Mountain Natural Area near Beaverton. The class includes the basics of animal signs, track identification and interpreting animal movement. You will learn stealth skills needed to watch wildlife at close range and get a chance to make plaster casts of tracks to bring home. To register, call (503) 644-5595. *Metro and Tualatin Hills Park and Recreation District*

Introduction to permaculture

9 a.m. to 4 p.m. Saturday, July 10

Learn the basic principles of permaculture and their application at the Oregon Tilth Organic Education Center at Luscher Farm. Explore and apply the concepts of guild planting, relative location, elements and functions and vertical and forest gardening. Look at ways to conserve water, soil and fertility in the landscape. All ages welcome. Advance registration required; call (503) 638-0735. *Oregon Tilth*  *by arrangement*


Coldstone Creamery bike ride

9 a.m. to noon Saturday, July 10

There are about 450 calories in a small ice cream cone. Moderate bicycle riding can burn up to 450 calories in an hour. If it takes an hour and a half to ride to the ice creamery, how much ice cream can you eat when you get there? This 17-mile "class B/C" ride also will explore the parks and trails of the northwest corner of the Tualatin Hills Park and Recreation District. For more information, call Hal Ballard at (503) 617-9501. *Tualatin Hills Park and Recreation District*


Bull Run watershed tours

8:30 a.m. to 4:30 p.m. Saturdays, July 17 and Aug. 21

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. *Portland Bureau of Water Works*  *by arrangement*

Ethnobotany: how people use plants


10 a.m. to 1 p.m. Saturday, July 17

Ethnobotany is the study of how humans use plants. This entertaining workshop at Noble Woods Park in Hillsboro will include the ethics and safety protocols involved in plant harvest and a walk in nearby woods to get to know plants traditionally used for food, medicine, baskets, etc. You also will receive a resource list for further study. Half of the class will be a practicum focused on creating cordage and tea from stinging nettles. Best for adults and children age 12 and older. Registration and payment of \$5 per person is required in advance; call (503) 681-5397 and refer to bar code number 7077. *Metro and Hillsboro Parks and Recreation*  *by arrangement*

Fanno Creek Greenway Trail walk

9 a.m. to noon Saturday, July 17

Tour the completed Garden Home section of the 15-mile Fanno Creek Greenway Trail, a multi-use trail planned from the Willamette River in Portland to the Tualatin River in Tualatin. Begin at the Garden Home Recreation Center at 7475 SW Oleson Rd. and walk to Highway 217 and back. See the new project under design from Scholls Ferry Road to the Greenwood Inn. You also will learn about

the action plan to complete the trail. For more information and to register, call Bob Bothman at (503) 244-7206. *Tualatin Hills Park and Recreation District* 

Walk on the wild side

10 a.m. to 1 p.m. Saturday, July 24

See a variety of wildlife and plant life and learn about the master plan for this 230-acre open space in Wilsonville acquired with funds from the open spaces, parks and streams bond measure. Trip leaders include environmental educator Bob Carlson, natural resource manager Kerry Rappold and long-range planner Chris Neamtzu. All ages welcome. Free. Advance registration required by July 19; call (503) 682-3727. *city of Wilsonville*

Clackamas River tour

9:30 a.m. to noon Saturday, Aug. 7

Join Metro Council President David Bragdon and naturalist James Davis for an exploration of a Metro greenspace along the Clackamas River known as River Island. Look for evidence of beaver, nutria, deer and coyotes while enjoying and identifying the birds of the area. Often turtles can be seen basking in the sun near the only known nesting colony of bank swallows in the Portland area. The tour is free and open to all ages. Advance registration required; call (503) 797-1850 option 4 and leave your address. Directions to the site will be mailed to you. *Metro*

All about native plants

1 to 3 p.m. Sunday, Aug. 8
Have you ever been curious about the name of a wildflower or thought about putting a few native plants in your garden? Have you ever wondered how people have used native plants for food, medicine and shelter? Join Metro naturalist Deb Scrivens for a free hands-

continued

Calendar at a glance

on workshop and nature walk and learn the basics of botany and ethnobotany. No registration required. Suitable for adults and children age 10 and older. Meet behind the Bybee House in Howell Territorial Park on Sauvie Island. For more information, call (503) 222-1741. *Oregon Historical Society*

Night hike at Jackson Bottom

7:30 to 9:30 p.m. Saturday, Aug. 14

Explore the nocturnal world at Jackson Bottom Wetlands Preserve. Walk out to the ponds, woods and open fields at the east side of the preserve to look and listen for owls, bats, beavers and other creatures of the night. Families are welcome, but strollers do not navigate well on the trails. \$3 per person. Advance registration is required; call (503) 681-6278. *Jackson Bottom Wetlands Preserve*

A midsummer night's paddle trip

6 to 8 p.m. Saturday, Aug. 21

Not a morning person? Here is your chance to explore the Tualatin River at dusk. Join the Tualatin Riverkeepers for a sunset paddle on the Tualatin. Call for meeting location and directions. \$5 for members; \$10 for non-members. Canoes are free for members and available to rent for \$20 for non-members. To register, call (503) 590-5813. *Tualatin Riverkeepers*

Full moon slough paddle

7 to 9 p.m. Monday, Aug. 30

Join the Columbia Slough Watershed Council paddling guides for a quiet, moonlit tour of the tree-lined reaches of the upper slough. Bring your own canoe or kayak, paddles and personal flotation device. Meet at the boat launch at Northeast Airport Way and 165th. For more information, call Scott at (503) 281-1132. *Columbia Slough Watershed Council*

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For more nature activities, visit calendar.metro-region.org.

See you there!

Metro regional parks, greenspaces and facilities

Blue Lake Regional Park

provides archery, volleyball, softball, horseshoes, 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: \$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.

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. 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. There are two rustic areas that can be reserved for small picnics or weddings.

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 exit 307. Go west on N. Marine Drive for 2.2 miles. Turn left at the large brown and white wildlife area sign.

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: \$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.

Location: Northeast 43rd Avenue and Marine Drive.

Entrance fee: \$4 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.

Bybee-Howell House open to visitors

The historic Bybee-Howell House, located at Metro's Howell Territorial Park on Sauvie Island, is open to the public in the summer. The house and barn museum are open for tours with interpreters from the Oregon Historical Society on Saturdays and Sundays from noon to 5 p.m. through Labor Day weekend. A series of cultural and historical programs for families also are offered on summer weekends. For more information about the house or a schedule of educational activities, call (503) 222-1741 or visit www.ohs.org.

Information numbers

General number
(503) 797-1850

Picnic reservations
(503) 797-1850 option 2

Registration for Metro activities
(503) 797-1850 option 4

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) 797-1709

Volunteer – it's your nature



These jobs are unique opportunities to work with Metro's parks and greenspaces staff

and volunteers. Training is provided for all positions, although some preferred qualifications are listed. The commitment for these positions varies and each opportunity can be matched with your particular skills and interests. For more information, call (503) 797-1850 option 8 or send e-mail to parkvol@metro.dst.or.us.

Woodwork for Oxbow

Are you handy with a hammer and nails? If you or your volunteer group have the skills and resources to build and install new trash racks in the campground at Metro's Oxbow Regional Park, we can use your help. This would be a perfect Eagle Scout project.

Japanese knotweed control

Metro's Japanese knotweed control project is looking for individual volunteers to join the fight against the spread of knotweed in the Clackamas River watershed. As a knotweed control volunteer, you will work side by side with Metro interns and AmeriCorps volunteers in the field treating the plant with the recently developed and federally approved stem injection method. This does involve chemical applications with a general-use herbicide. Individuals must be willing to work 10-hour days under various environmental conditions, such as walking over uneven terrain and in hot weather. A typical day will involve the use of inflatable kayaks to access sites along the river. Must commit to a minimum of 80 hours between June 1 and Sept. 30.

Crew leaders wanted

Help lead work parties at project sites. You'll teach volunteers to use tools safely,

identify and remove invasive species of plants, build or remove fences and plant trees and native plants. We'll provide project management training, along with the basics of group dynamics, tool use and safety.



Oxbow campfire programs host

Be a part of a popular summer tradition

at Oxbow Regional Park by helping with the weekend evening campfire programs. Volunteer campfire hosts set up the lights, introduce the performer and put away the gear at the end of the program. Stay free in the campground the nights you volunteer. Volunteers must be available for at least two Friday or Saturday evenings this summer. See page 6 for more information about the campfire programs.

Roving naturalists at Oxbow

Do you enjoy people and the outdoors? Roving naturalists are needed to greet and talk with weekend visitors at Oxbow Regional Park. You will receive training to share information with visitors about the park's abundant wildlife and the importance of taking care of this special place.

Nature crafts children's program

Lend a hand with Metro's summer craft program for children at Blue Lake Regional Park and four other park locations around the region. Help children learn about nature while gluing, painting and stamping crafts to take home. Volunteers will work for three hours and serve up to 150 children in two concurrent sessions. Duties include passing out supplies, helping children with their projects and cleaning up after each session.



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