

# Stream Team

QUARTERLY NEWSLETTER • SUMMER 2008



## All About Stream Bugs - and More!

Stream bugs are freshwater benthic macro-invertebrates, which are animals without backbones that are large enough to see with our eyes. They live on rocks, logs, sediment and aquatic plants at the bottom of streams. They include crayfish, clams, snails, aquatic worms and immature forms of aquatic insects, such as stonefly and mayfly nymphs.

In addition to being an important link in the freshwater food chain, stream bugs serve as stream health indicators because different species have different tolerances to environmental stressors such as pollutants, sediments, toxins and low levels of dissolved oxygen.

### You Can Help Monitor Stream Bugs!

Each summer, Stream Team volunteers help gather stream bug samples that are used by local and state agencies to help assess the health of streams. Volunteers receive special training to learn about stream health, stream bugs and a specific monitoring protocol to ensure samples are collected consistently at

each site. After training, volunteers can sign up to monitor one or more streams. The actual monitoring takes between 3-5 hours per site and will be scheduled for weekdays or weekends in July and August.



### Macro Monitoring Training (You need only attend one session.)

Thursday, June 19 6pm-9pm  
Heritage Court Building  
2nd Floor: Conference Room A/B  
- OR -

Tuesday, July 8 6pm-9pm  
Heritage Court Building  
2nd Floor: Conference Room A/B

Registration is required. Contact  
Ann Marie at 360-357-2491 or e-mail  
finanam@co.thurston.wa.us

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## Salmon Stewards Spread the Word

Did you know that less than 2% of salmon hatched in streams will return to spawn? For example, of 2500 hatched eggs, less than 375 live to become a fry. Of those, less than 30 survive to become smolts. On average, five reach adult stage and only two will return to their natal stream to spawn. Perhaps that is why so many people flock to viewing areas to see the amazing salmon that have survived to make the long journey home.

Salmon are a defining icon of the Pacific Northwest. Their return in the fall provides food, culture and livelihood for people; important food and nutrients for stream and forest habitats; and, of course, more baby salmon!

Right now, salmon are on their way back from the ocean to Puget Sound rivers and streams to spawn. Every year since 1998, volunteer Salmon Stewards have been staffing local salmon viewing sites to greet

(cont. on page 6)





## Featured Watershed: McAllister/Eaton Creek Basin

McAllister Creek and its associated sub-watershed of Eaton Creek is one of Thurston County's most amazing natural resources. In addition to providing prime wildlife habitat within the Nisqually National Wildlife Refuge, it also contains the essential groundwater aquifer that provides domestic drinking water for thousands of area residents.

McAllister Creek originates from three large springs and many additional smaller springs, located just north of Old Pacific Highway near State Route 510. Running roughly parallel with the Nisqually River, it flows north for almost six miles where it enters Puget Sound at Nisqually Reach. Its major tributaries are Little McAllister Creek and Medicine Creek.

Just south of McAllister Creek lies the Eaton Creek sub-watershed. Eaton Creek also originates from a spring influenced wetland and then flows three and a half miles through the Evergreen Valley where it enters Lake St. Claire. Lake St. Claire is the largest of several "pothole" lakes which dot the watershed and as such have no surface water outlets. However, huge quantities of water from Lake St. Claire penetrate into the gravelly outwash soils that underlie the lake, contributing to an immense groundwater aquifer which feeds McAllister Springs, its wetlands and the City of Olympia's McAllister well-field. The City gets about 70% of its drinking water supply from this watershed. These springs ensure that McAllister Creek

maintains a constant flow – even through the driest parts of the summer. Thus, Eaton Creek is "plumbed" to McAllister Creek via an immense groundwater connection.

It isn't just today's residents who rely on this incredible resource. The Nisqually Indians resided in and around these streams for thousands of years. Archeological evidence includes shell middens (piles of oyster and clam shells) at sites along the west bank of McAllister Creek.

On December 24, 1854 the first territorial governor, Isaac Stevens, negotiated a treaty with representatives from southern Puget Sound tribes, including the Nisqually, Puyallup and Squaxin on the banks of Medicine Creek, then known as She-nah-nam creek. This highly flawed agreement led to unforeseen implications including a war in the short term and the famous Boldt decision in the long run.

McAllister Creek still supports a variety of native salmon runs, if only in modest numbers. Typically, this includes a fair chum run, some Chinook and a small number of coho. In 2007, three sockeye salmon even showed up near the springs to spawn! Eaton Creek supports a resident trout population but since it is not connected to Puget Sound, it is not home to any species of salmon.

Today, the McAllister/Eaton Creek Basin contains several protected areas. The upper portion of the Eaton Creek sub-watershed lies within Fort Lewis,

precluding it from development. Surrounding McAllister Springs is a Wellhead Protection Area. Extra precautions are required as this aquifer has been deemed critical to the region.

The lowest reach of McAllister Creek lies within Nisqually National Wildlife Refuge. Here, along the western side of the dike trail you will find easy access to the tidally-influenced part of the creek where it opens up and becomes quite broad and heavily influenced by the Puget Sound tides. During low tides, the margins of the creek take on characteristics of a salt marsh, including rich odors of decomposing organic material. During high tides, McAllister Creek seems as broad as a river. In spring and summer, trail walkers can see a vast display of birds and one of the largest colonies of nesting great blue herons in the state.

The next decade holds big changes for lower McAllister Creek as dikes in the wildlife refuge are breached to return the fresh water wetlands to estuarine salt marshlands and recreate valuable habitat for juvenile salmon and aquatic organisms. It will be fascinating to see how the estuary restoration unfolds as the U.S. Fish and Wildlife Service moves forward with their commitment to restore the Nisqually estuary.

For more information on McAllister/Eaton Creek visit [www.co.thurston.wa.us/www/](http://www.co.thurston.wa.us/www/) and click on "Basin Plans."



## June

June 4 - August 27

**Wed. Evenings • 6pm-7:30pm**

**Seedling Watering at**

**Woodland Creek Community Park**

For information and directions,  
call Tim @ 360-438-2687

Sat. June 7 • 10am-3:30pm

**Meet the Trees of WA Field Class**

Olympia area location.

Registration required. Call 360-754-3588  
(ext. 110 or 109) or e-mail [ericag@wsu.edu](mailto:ericag@wsu.edu)

Wed. June 11 • 6:30pm-8:45pm

**Rain Gardens Workshop**

Olympia area location. Registration required.  
Call Chris at 360-357-2491 or email  
[maunc@co.thurston.wa.us](mailto:maunc@co.thurston.wa.us)

Tue. June 17 • 6pm-8pm

**Woodard Creek "Weed & Feed"  
Maintenance Party**

For information and directions,  
call Anne Marie @ 360-357-2491  
or e-mail [finanam@co.thurston.wa.us](mailto:finanam@co.thurston.wa.us)

Thu. June 19

**"Stream Bug" Monitoring Training**

Registration required.

Call Anne Marie @ 360-357-2491  
or e-mail [finanam@co.thurston.wa.us](mailto:finanam@co.thurston.wa.us)

## July

Tue. July 8 • 6pm-9pm

**"Stream Bug" Monitoring Training**

Registration required. Call Ann Marie @  
360-357-2491 [finanam@co.thurston.wa.us](mailto:finanam@co.thurston.wa.us)

Tue. July 15 • 6pm-8pm

**Woodard Creek "Weed & Feed"  
Maintenance Party**

You help water and weed – we'll provide the  
"feed" (pizza & beverages). For info and  
directions, call Ann Marie @ 360-357-2491  
or e-mail: [finanam@co.thurston.wa.us](mailto:finanam@co.thurston.wa.us)

Tue. July 22 • 6pm-8pm

**Percival Creek "Weed & Feed"  
Maintenance Party**

You help water and weed – we'll provide the  
"feed" (pizza & beverages). For info and  
directions, call Debbie @ 360-754-4148

## August

Tue. August 12 • 6pm-9pm

**Salmon Stewards Basic Training:  
Classroom Session I**

Registration required. Call Chris at (360)  
357-2491 or email [maunc@co.thurston.wa.us](mailto:maunc@co.thurston.wa.us)

Wed. August 20 • 6pm-9pm

**Salmon Stewards Basic Training:  
Classroom Session II**

Registration required. Call Chris at (360)  
357-2491 or email [maunc@co.thurston.wa.us](mailto:maunc@co.thurston.wa.us)

Sat. August 23 • 9am-11am

**Salmon Stewards Training:  
5th Ave. Bridge Field Visit**

Registration Required. Meet at 5th Ave.  
Bridge. To register call City of Olympia  
Stream Team at 360-753-8454

## September

Sun. September 14 • Noon-3pm

**Stream Team 2008**

**Volunteer Party**

Join fellow Stream Team volunteers as we  
celebrate our accomplishments, enjoy some  
swingin' live music, play volleyball, and much  
more! Last year volunteers enjoyed a BBQ,  
live marine animal touch tanks, children's  
activities and a lively volleyball match.  
We'll provide hamburgers, hot dogs, veggie  
burgers, refreshments and desserts.  
You're welcome to bring a potluck dish  
to share! For more information, contact  
Debbie at (360)754-4148.

Sat. September 20 • 10am-12pm

**Salmon Stewards Training:  
Tumwater Falls Field Visit**

Registration Required.  
Meet at Tumwater Falls Park. To register,  
contact Debbie @ 360-754-4148

### OTHER LOCAL EVENTS:

Sun. July 27 • 8am-10am

**Bike the Deschutes Watershed**

Tumwater Historical Park  
777 Simmons Road SW  
Registration required.

For information, see article on page 5.

June 22-28, 2008

**Natural Resources  
Youth Camp (NYRC)**

Cispus Learning Center - Randle, WA  
For youth ages 12-17.  
Registration required.  
For information, see article on page 5.

**PLEASE NOTE:** Citizens requiring special accommodations should call the Event Coordinator at least one week prior to the event.

# Stream Team Volunteer & Staff News

## Habitat Enhancement Continues Along Percival Creek

Thanks to many hard-working Stream Team volunteers, habitat enhancement along Percival Creek is paying off in increased water quality and wildlife habitat. Under the leadership of Stream Team Site Steward Steve Parks, the crew of Bucky Simmons, Caleb Stoddard and Zachary Taylor are keeping the invasive Himalayan blackberry and reed canary grass along the creek at bay.

Steve and his dedicated crew, along with long-time Stream Team volunteer Dennis Matsuda, have spent many hours cutting and pulling weeds along the creek. They placed landscape fabric over the areas most overrun with blackberry. Tumwater Old Town Center youth, under the leadership of Charlie Groth, have also been volunteering their time to weed around native trees and shrubs previously planted by Stream Team volunteers.

On Saturday, April 26, Stream Team volunteers celebrated Earth Day at Percival Creek by adding native shrubs to the previous plantings. It was a gorgeous spring day, perfect for the families, teens and adults who came to plant. Since there had been snow the weekend before (in April!), volunteers were especially grateful for the sunshine, songbirds and the gracefully meandering creek.



*Capital High School horticulture students pot-up bare-root plants for future projects.*

## Woodland Creek Community Park Sees Increase in Volunteer Tree Plantings

Over the last eight months, Stream Team volunteers and other local action groups have planted nearly 1,000 seedlings within the 200 foot buffer of the creek at Lacey's Woodland Creek Community Park.

Revegetation efforts at this site are nothing new, as volunteer plantings date back to at least 1997.

A quick walk of the area reveals trees in various stages of maturity, ranging from newly planted Douglas-fir seedlings to 20-foot-tall shore pines. Traditionally, establishment of new plantings in this area has been difficult due to the gravelly, well drained soils. Because of the high mortality rate of seedlings, recent planting efforts included a higher density of trees per acre and the purchase of a truck-mounted watering tank to facilitate weekly watering of each seedling during the late spring and summer.

Over the next two years, Lacey Water Resources has a goal of planting at least 1,000 trees at this site annually. This will be a tremendous task, as all of the planting and maintenance efforts will be completed by hardworking volunteers.

To view the decade long efforts of Stream Team, stop by Woodland Creek Community Park at 6729 Pacific Avenue SE. If you or someone you know is interested in helping with revegetation or assisting with the much needed watering and maintenance at the site, please call Tim at 360-438-2687.



*Jeff and Nate Smith, from Bear Cub Den #123 apply the finishing touches to a newly planted Douglas-fir at Woodard Creek.*

## Woodard Creek Planting Continues

On a sunny February 24, 10 volunteers (including Bear Cub Den 123) joined Stream Team to help plant a variety of native trees and shrubs along Woodard Creek. The plants were donated by the Native Plant Salvage Project (NPSP) and WA State Dept. of Transportation (WSDOT). The cub scouts and their families were quite enthusiastic and quickly planted over 50 plants.

A special thank you goes to Bernd Pielmeier, who arrived early to help set up and stayed late to load tools and materials. Bernd also spent two other Saturdays planting western redcedars. Thanks, Bernie, and thanks to the rain that appeared to water the newly planted trees and shrubs just as we finished!

On March 22, five volunteers continued planting more native trees and shrubs at Woodland Creek. A special thank you goes to Roberta Woods and Nicki Johnson, who helped set up and pack up.

Thanks again to NPSP and WSDOT for donating plants that will enhance stream health, riparian area and provide food and habitat for wildlife.

Usually, Stream Team volunteers remove plants from pots before planting them in the ground. But on March 30, four volunteers (Steve Parks, Chandelle Hazen, Bucky Simmons and Caleb Stoddard) showed up at the NPSP plant-holding beds to help pot some bare-root plants purchased from the Thurston Conservation District's annual plant sale, to be used in future habitat restoration plantings. The eager volunteers quickly potted up over 100 bare-root plants, some of which required 5 gallon pots because their root systems were so large! Thanks to WSDOT for providing potting soil, mulch, potting tables and wheelbarrows. Thanks also to NPSP for providing the planting pots! Later, Capital High School horticulture students finished the job, potting over 200 bare-root plants. Special thanks to CHS teacher Cathy Watts and her wonderful students!

Snowy weather caused the April 19, Arbor Day planting along Woodard Creek to be cancelled. There will still be more opportunities to help out at the site later this summer during our mulching parties. We all know how fun and satisfying it is to plant trees, but removing pesky weeds and tending newly planted seedlings can be equally rewarding knowing that you are helping fledgling trees and shrubs to become successfully established.

If you are interested in participating in a Woodard Creek "Weed & Feed" event (you help water and weed and we bring the refreshments!), check the calendar on page 3 for dates and times.

# Events and Opportunities



## **Bike Your Watershed!** **Featuring: Deschutes Watershed** **July 27 • 8am-10am start time** **Tumwater Historical Park** **777 Simmons Rd SW**

Cyclist of all ages and skill levels are invited to participate in the 2nd Annual Bike Your Watershed Event. This year's event will once again be held within the Deschutes Watershed and start from Tumwater Historical Park. The event is designed to promote physical fitness, encourage muscle-powered transportation, and increase awareness and appreciation for our local Deschutes Watershed.

Participants must supply their own bicycles and helmets (required). Cyclists will have a choice of 5, 20 or 30 mile loop routes. Route directions will be provided at the start site. Points of interest along the routes will be listed to inform participants about the watershed. Snacks and a "sag wagon" will be provided. The event is free; there is no registration fee.

Watershed-related, family-friendly activities, including a Stream Team booth, will be featured at the starting/ending point at Tumwater Historical Park. To volunteer for the Stream Team booth, please contact Debbie at 360-754-4148.

To register for the cycling event, please contact Brian Walsh at [bwalsh902@yahoo.com](mailto:bwalsh902@yahoo.com) or 360-407-6647. Registration may be done at the park on the morning of the event. For more information or to pre-register, please visit <http://web.mac.com/bikeyourwatershed/iWeb/Site/Welcome.html>



## **Natural Resources Youth Camp (NRYC)** **June 22-28** **Cispus Learning Center , Randle WA** **(For youth ages 12-17)**

NRYC has offered week-long, hands-on outdoor learning experiences for 25 years. Many Thurston County 5th and 6th graders are familiar with Cispus through the outdoor school experience offered by the Olympia and Tumwater School Districts. NRYC expands on that for a week of exciting activities designed to build confidence and develop team-building and leadership skills.

The regular camp program is geared for campers ages 12-15. The Counselor in Training (CIT) program provides increased leadership training for returning campers ages 15 to 17. Counselors are selected from graduates of the CIT program and serve as mentors to younger campers.

Campers learn from career professionals in forestry, soils, water resources, and fish and wildlife. Tumwater Stream Team Coordinator, Debbie Smith has been involved in NRYC since 1993. She is currently Vice-Chair of the board and teaches courses at the camp.

Lodging is in comfortable, heated cabins with hot showers (and flush toilets!) Family-style meals are served in the main dining hall. A registered nurse, camp director, program coordinator, recreation coordinator and other staff are available 24 hours a day. Vanpool transportation is provided from Olympia. Scholarships are available. For more information or to register, visit [www.nryc.org](http://www.nryc.org) or call 360-754-3588 x114.



## **Storm Drain Marking Season is Here:** **Volunteers Needed**

As warmer, drier weather approaches, it's time once again to turn our attention to storm drain awareness. Over the past several years, Stream Team volunteers have installed thousands of storm drain markers with the regional message, "No Dumping — Flows to Waterways," in Lacey, Tumwater and north Thurston County neighborhoods. The effort has helped educate countless residents, who, after seeing the markers, better understand the link between stormwater runoff and water pollution.

Stormwater runoff is the leading contributor to water pollution in our local waterways and the Puget Sound. By placing the markers in local neighborhoods, Stream Team volunteers take an active roll in educating the public that storm drains are not the place to dump pollutants such as oil, paint, chemicals and household products.

If you, your group or family would like to be involved with this important program and help protect local streams, groundwater and the Puget Sound, please contact your local Stream Team Coordinator.

In Lacey, call Tim at 360- 438-2687. In Tumwater, call Debbie at 360-754-4148. In Thurston County, call Chris Maun at 360-357-2491.



# Surprising Household Sources of Water Pollution

As surprising as it may seem, there are additional sources of potential water pollution from households besides the relatively well-known motor oil, paints, pesticides and household cleaners. Your family's cute little Fido or Fluffy can lead to the pollution of our local waterways, including lakes, streams and Puget Sound. Disposing of medicines down the drain or toilet has the potential to cause harm to Puget Sound, too. While the effects of minute amounts of pharmaceuticals in our surface waterways are not yet well understood, the potential harm to wildlife is enough to warrant caution in the disposal of both pet waste and medicines.

Most of Thurston County obtains its drinking water from underground aquifers, so the potential harm to drinking water from household pets and medicines is very low. Still, fecal coliform from animal waste is known to bio-accumulate in shellfish which are filter-feeders, and can render them unsafe for human consumption.

From DNA studies of fecal coliform in one of our local watersheds, we now know that dog feces can and does contaminate water resources. Cat feces are less of a problem because cats bury their waste where soil microorganisms help break down the material. But when it rains, dog waste left on the surface of the ground is picked up by stormwater runoff and carried to the nearest storm drain. Cat litter or small animal waste left on the ground can cause the same problems as runoff carries bacteria through storm drains to local streams and ponds.



Most storm drains flow directly into nearby lakes, streams or Puget Sound with minimal treatment. In newer neighborhoods, stormwater flows to a storm retention pond where some contaminants settle out before the water flows to water bodies.

In northern Thurston County, most substances disposed of down sink and toilets flow through underground pipes to LOTT's Budd Inlet Treatment Plant. There, the wastewater undergoes a multi-step cleaning process. Although the process works well, it is unable to remove every possible contaminant. The best solution to this potential problem is to avoid putting potentially hazardous materials, including medications, down the drain.

**Here are some tips to remember to keep pollution of our local waterways:**

- To dispose of expired or unwanted medications, add water to make the medicine unusable, wrap it in a dark plastic bag, and put it in the garbage. An even better solution is to drop it off at one of the following disposal sites:  
Olympia: Group Health Pharmacy, 700 Lilly Rd NE  
Yelm: Tim's Pharmacy, 106 First St South  
Keep medicine in its original container and mark out personal information. For more information or a list of accepted items, call 1-800-732-9253 or visit [www.MedicineReturn.com](http://www.MedicineReturn.com).
- When walking your dog, bring something to pick up its waste such as a plastic bag tied to the leash.
- Regularly pick up dog waste from your yard and curbsides. If you are a LOTT sewer customer, pet waste may be flushed down the toilet. If your home is on a septic system, put the waste in a plastic bag and place it in the garbage to avoid overloading your septic system.
- To encourage citizens to prevent pollution from pets, the cities of Lacey and Tumwater as well as Thurston County offer free dog waste signs, with optional dog waste bag dispenser, and educational brochures for neighborhood associations and other public use areas. To find out if your neighborhood qualifies for a free dog waste sign, please call the Stream Team Coordinator for your local jurisdiction, listed on the back of this newsletter. Simple actions such as properly disposing of pet waste and medicines can go a long way in protecting the health of local streams and Puget Sound.

**Salmon Stewards** (continued from page 1)  
the public and talk about our local salmon runs. In late August through September, Salmon Stewards discuss the hatchery run Deschutes River Chinook at the 5th Avenue Bridge in downtown Olympia and Tumwater Falls Park. In November, the Salmon Stewards migrate to McLane Creek Nature Trail to greet hikers and talk about the naturally spawning chum salmon.

If you enjoy talking to people, being outdoors and watching salmon, sign up to become a Salmon Steward! It's a great way to learn more about our local salmon runs and share your knowledge with others. All you need to do is attend two classroom trainings and two field trainings for the Deschutes River and/or one field class for McLane Creek (see calendar on page 3 for dates/times). In return for the free training, Salmon Stewards are asked to volunteer 8 hours in 2-4 hour blocks

on weekends or evenings (Sep. through early Oct. for the Deschutes River / late Oct. through early Dec. for McLane Creek). For more information or to register, call Chris or Ann Marie at 360-357-2491.

# Don't Miss 13th Annual Garden Rhapsodies Tour

The 2008 Garden Rhapsodies Tour is scheduled for Saturday, July 26, 10am-4pm. Featured gardens are the private sanctuaries of local gardeners who open their gates for a day. The gardens utilize "Common Sense Gardening" techniques such as composting to increase organic matter in the soil, mulching to prevent weeds and safer strategies for dealing with unwanted pests. Beginners and experienced green thumbs will find new ideas to incorporate into their own landscapes.

Master Gardeners will be on hand in every garden to answer questions and share their knowledge. Demonstrations and informative signs help visitors

learn more about a wide variety of topics including water-wise gardening, landscaping for birds and non-toxic weed control.

Garden descriptions, a map and driving directions, are included with tickets. Visitors may view the gardens in any order they wish and stay as long as they like during tour hours. A free shuttle provides easy transportation to the gardens. Many people pack a lunch and make a full day of the event.

Tickets are \$15. Youth 16 and under are free with accompanying adult. Tickets may be purchased after July 1 at local nurseries, Olympia Federal

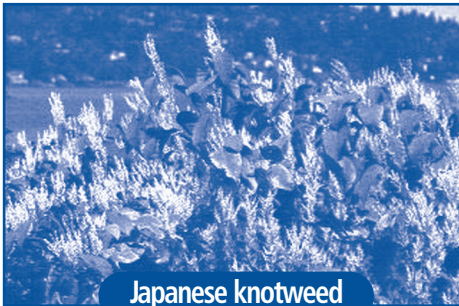
Savings branches and the Master Gardener's booth at the Olympia Farmers Market.

Garden Rhapsodies is sponsored by the Common Sense Gardening Program of Thurston County, Thurston County Stream Team, City of Olympia Water Resources, Thurston County Master Gardeners, Olympia Symphony Guild and the Native Plant Salvage Project. Proceeds benefit the Master Gardeners, the Symphony Guild and the Native Plant Salvage Project.

For more information, contact Jennifer Johnson, Event Coordinator at (360) 754-4411.

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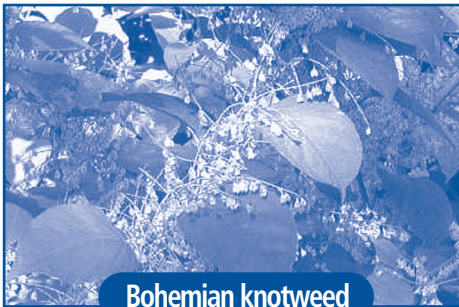
## Noxious Weeds: Report These Riparian Invaders



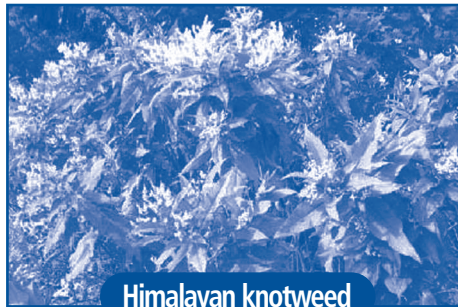
Japanese knotweed



Giant knotweed



Bohemian knotweed



Himalayan knotweed



Yellow flag iris

Northwest streams and lakes are major conduits for the propagation and spread of noxious weeds. While more terrestrial weeds rely on animals, wind and vehicles to spread beyond the local proximity of the mature plant, riparian weed seeds and fragments can be transported by water for miles. For this reason, Stream Team volunteers must be diligent in their awareness of invasive noxious weeds within wetlands and riparian corridors. Two specific riparian weeds are of concern to the Thurston County Noxious Weed Control Board:

the knotweed species and yellow flag iris. According to the Weed Board, all four species of **knotweed** (Japanese, Giant, Bohemian and Himalayan) are spreading in the Pacific Northwest at exponential rates. Once introduced, knotweed spreads quickly and forms dense thickets, or monocultures, that exclude native vegetation and destroy natural ecosystems. Knotweed spreads primarily by stem and rhizome fragmentation. For this reason, cutting is not generally recommended as a control option.

Like many weeds on the State Noxious Weed List, **yellow flag iris** is an escaped ornamental plant. Although beautiful, it can cause serious damage to native ecosystems because it is invasive and crowds out native vegetation.

If you spot these or any other potentially noxious weeds, call the Thurston County Weed Board at (360) 786-5576. For more information about noxious weeds found in Thurston County visit [www.co.thurston.wa.us/tcweeds/index.htm](http://www.co.thurston.wa.us/tcweeds/index.htm).



**ADDITIONAL SESSION ADDED!**  
**Rain Gardens: Your Key to Managing  
Rainwater and Protecting Puget Sound**  
**Wednesday June 11 • 6:30-8:30pm**

Due to extreme demand, Stream Team has added an additional session of *Rain Gardens: Your Key to Managing Rainwater and Protecting Puget Sound*.

Join us for a free, informative workshop and get all the details you need to design and install your own beautiful rain garden. Find out how these shallow depressions in your home's landscape help protect local waterways by collecting and absorbing rainwater from downspouts, driveways and sidewalks. Learn which flowers, shrubs and grasses to select and plant to attract birds, butterflies and bees to your yard.

Participants receive a free Rain Garden Manual and other helpful materials.

*Workshops are free, but advanced registration is required. For more information, workshop location, or to register, contact Chris at 360-357-2491 or email [maunc@co.thurston.wa.us](mailto:maunc@co.thurston.wa.us)*

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**STREAM TEAM MISSION:** To protect and enhance the water resources, associated habitats, and wildlife of North Thurston County through citizen education and action.

*Stream Team is funded by Storm and Surface Water Utility revenues.*

**STREAM TEAM INQUIRIES:**

**In Lacey:** City of Lacey Water Resources Program  
P.O. Box 3400, Lacey, WA 98509-3400  
Attn: Tim Wilson – Tel: 360-438-2687 / TDD: 1-800-833-6388

**In Olympia:** City of Olympia Water Resources Program  
P.O. Box 1967, Olympia, WA 98507  
Attn: Patricia Pyle – Tel: (360) 570-5841 / TTY: 360-753-8270

**In Tumwater:** City of Tumwater Public Works Water Resources Program  
555 Israel Road SW, Tumwater, WA 98501  
Attn: Debbie Smith – Tel: 360-754-4148 / TDD: 1-800-833-6388

**In Thurston County:** Thurston County Water Resources Program  
929 Lakeridge Dr. SW, Olympia, WA 98502  
Attn: Chris Maun – Tel: 360-754-3355 EXT6377 / TDD: 360-754-2933

**NEWSLETTER CONTRIBUTORS:**

Tim Wilson, *Lacey Stream Team*; Debbie Smith, *Tumwater Stream Team*;  
Chris Maun & Ann Marie Finan, *Thurston County Stream Team*

**DESIGN & LAYOUT:** Barbara McConkey, *Inform Design*

*PLEASE NOTE: Citizens requiring special accommodations should call one of the coordinators listed above at least one week prior to an event.*



929 Lakeridge Dr. SW • Olympia WA 98502

PRSR STD  
US POSTAGE  
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OLYMPIA, WA  
PERMIT NO. 6