

# ***5<sup>th</sup> Annual Floods, Flowers and Feathers Festival***

***Where: Turnbull National Wildlife Refuge***

***When: Saturday, May 14, 2016***

***Time: 8:00 am – 3:00 pm (Time of Activities will vary – See activity descriptions below)***

***Location of Activities: Numbers correspond to map locations***

## **Refuge Activities**

### ***1) Fire Demonstration***

Inland Northwest Wildlife Refuge Complex Fire Fighting Activity

The INWRC Fire staff will be on hand with a fire apparatus set up as an interactive display that allows participants to get hands on experience handling fire suppression equipment. We will also be displaying commonly used tools and equipment and have staff on hand to explain their usage and give a brief history on fire suppression and prescribed fire usage and its benefits. This display will also incorporate some prevention material to be distributed to the public, balloons, toy glider airplanes, post cards and coloring books.

*Drop In – All Day – 8:00 am – 3:00 pm*

### ***2) Explore the Wonder and Diversity of Aquatic Invertebrates***

Ever wonder what lives in the water? Come explore the world of aquatic invertebrates with biologist Sandy Rancourt and naturalist Jan Reynolds. This is a great hands-on activity for people of all ages.

Participants will learn about aquatic invertebrates, their adaptations and the ecological role they play in the environment. Everyone will have a chance to dip net and collect these awesome critters for identification and study. We'll supply the equipment and instruction.

*Reservations required - 1 session: 9:00 am – 11:00 am*

### ***3) Songbird Banding Demonstration***

Want a chance to see how biologists capture and band songbirds? Come to a 2 hour demonstration of the use of mist nets and bird handling and banding techniques by the refuge biologist. See some of our local songbirds up close and learn about the science of bird banding.

*Drop In – 1 session: 9:00 am – 11:00 am*

**4) Audubon Bird Walk with Expert Birder Marian Frobe**

We will take a leisurely walk around the Pine Lakes area with Marian Frobe to help us identify the birds we see and hear. We can expect many of the breeding birds and migrants, including many of the ducks, at this time of year. We also hope the swans will be there for us to see. Sign up early as there will be a limit.

*Reservations required – 1 session: 9:30 am – 12:30 pm*

**5) Audubon Bird Walk with Expert Birder Fran Haywood**

This is a family oriented walk along a mostly flat trail to see what birds are around. It will include information on behavior, habitat and seasonal occurrence and is aimed at beginning birders.

*Reservations required – 1 session: 10:30 am – 12:30 pm*

**6A) Can You Find that Bird?**

~Bird ID Scavenger Hunt Activity~

This family-oriented activity is planned to help people learn about our local birds and their habitat. Check out a bird identification booklet and stroll through the activity area, identifying each numbered bird photo and noting it on the sheet provided. When you finish, return your materials to the activity manager and check your success against the key. There are 20 birds to find so the activity, which may be started at any time, may take about an hour.

*Drop in – All Day – 8:00 am – 3:00 pm*

**6B) West Valley Outdoor Learning Center – Live Birds of Prey**

The mission of the West Valley Outdoor Learning Center is to instill an appreciation for fish, wildlife and our natural resources by giving teachers and students an opportunity to have experiences in an outdoor setting. We will have live birds and some coloring tracks for a hands-on experience.

*Drop in – All Day – 8:00 am – 3:00 pm*

### **7) *Birds, Flowers, and Mammals Walk***

“EWU biologists Becky Brown, Jim Hallett, Peggy O’Connell, and David Joyner will lead a nature walk exploring the plants, birds, and mammals of the wetlands, pine forest, and mima mounds. We will leave from the parking lot by the classroom at 9 am and walk for about 2 hours.” Binoculars recommended.

*Drop In – 1 session: 12:00 pm – 2:00 pm*

### **8) *Nature Exploring Walk***

Inland Northwest Land Conservancy works with willing private landowners to protect the region’s natural lands, waters, and forests for the benefit of wildlife, our community and future generations. Join us on our Nature Exploring – What Do You See? Walk with Rich Leon, a local hiking expert and photographer. Journals and pencils will be provided for you to start your own nature journal while experiencing Turnbull.

Be sure to visit our booth to learn more about the land we’ve protected and how conservation easements work.

*Reservations Required – 1 session: 10:00 am – 12:00 pm*

### **9) *Photography Walk with Professional Nature Photographer Chuck Kerkering***

This activity will consist of a 2 hour walk dedicated to learning about and photographing wildflowers and other small objects in nature. Principles of photographic composition, macro photo equipment, and macro photographic techniques will be demonstrated during the walk."

*Reservations Preferred – 1 session - 1:00 pm – 2:30 pm*

### **10) *Update on the Ice Age Floods National Geologic Trail***

Members of the Ice Age Floods Institute, Cheney-Spokane Chapter will discuss the planning and development to date of the Ice Age Floods National Geologic Trail.

*Classroom - Drop In – 1 session: 12:30 pm – 1:00 pm*

### **11) *Geology Tour with Gary Ford***

Legacy of the ice age floods – the geology, landforms and soils of Turnbull. A tour with Ice Age Floods Institute President Gary Ford to look for evidence of the floods.

*Reservations Required – 1 session 1:00 pm – 3:00 pm*

## ***12) Refuge Management & History Tour***

If you have always wondered what a National Wildlife Refuge is all about, join the refuge biologist on a 2 hour driving tour of Turnbull NWR. Learn about its wildlife and habitat, and how the refuge staff restore, protect and maintain the forest, grasslands, wetlands and riparian areas of this unique landscape.

*Reservations Required – 1 session: 1:00 pm – 3:00 pm*

## ***13) Catch Them Before They Catch You!***

Have you ever wanted to take revenge on some of the unwelcome bugs that make us itch and scratch at the refuge? Now is your chance! Eastern Washington University professor Krisztian Magori and his students will arm you with everything you need to bite back at the ticks and mosquitoes before they can bite you! If you're brave enough, you will get a tick collection kit and instructions which to capture the ticks that lie in wait for you. Once you have them, you will get help to figure out what kind of tick you captured under the microscope. Fearless folks will also be able to compete for the attraction of the most beautiful mosquito ladies around, as long as they can stand it! In return, they will capture them in their nets, and discover their mysteries under the microscope. But beware, as the bugs might try and bite back!

*Drop in – All Day – 8:00 am – 3:00 pm*

## ***14) Ride the “Bull”! – Explore the Wonders of the Refuge on Your Bicycle!***

Enjoy a slow-paced, 6-mile, guided bike ride that begins at the Pine Lakes Loop parking area, follows the Pine Creek Auto Tour Route – with periodic stops at interpretive sights – and ends at the Pine Lakes Loop parking area. Each participant must bring their own properly maintained bicycle, a helmet and a water container. Additionally, each participant must be very capable of riding 6 miles on an uneven, semi-rough, gravel road. Riders will be sharing the road with motor vehicle traffic so we will provide, and require each participant to wear, a high-visibility safety vest. Children are encouraged to participate in this event, but training wheels and tricycles are not allowed.

*Reservations Required – 1 Tour: 9 am – 12 pm*

## ***15) Welcome & Information Tent***

*~ All Day ~ 8:00 am - 3:00 pm*

Need assistance finding an activity or booth? Stop by our welcome and information tent for maps, cookies and coffee.

***16) Visitor Center & Friends of Turnbull Nature Store***

*~ All Day~ 8:00 am – 3:00 pm*

Hands on activities and additional information on the refuge's history, wildlife and management can be found at Turnbull's new Visitor Center.

The Friends of Turnbull Store will be open during the Festival. The store is located in the Visitor Center at refuge headquarters and has a wide variety of nature and children's books. We have T-shirts, hats, and sweatshirts in various colors and designs, plus gift items such as pins, earrings, hand-made ceramic plates and gorgeous pine needle baskets. We also carry Audubon bird toys, coffee mugs and more. Drop in to see our selections.