Floods, Flowers and Feathers Festival Activity and Booth Descriptions

***Numbers correspond to map locations*

Activities

1) Blue Bird Nest Box Building Demonstration

Dallin Olson from Boy Scout Troop 329 is demonstrating how to build and place a bluebird box for his Eagle Scout project. This demonstration is hands-on and you will leave with a bluebird box of your own. Stop by to see and make a nesting box for the western bluebird.

Drop In – 9:00 am – 12 pm

2) Fire suppression activity and outreach for the FFF spring festival

The INNWRC 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

3*) Underwater World 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 - 2 sessions: 8:00 am – 10:00 am & 12:30 pm – 2:30 pm

4) Songbird Banding Demonstration

Want a chance to see how biologist 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.

Reservations required – 8:00 am – 10:00 am

5) Water Quality

Families can stop by the water quality activity station to learn all about the importance of water quality and what may affect water quality in our area. Participants will have an opportunity to do their own water quality tests for pH, nitrates, phosphates, and dissolved oxygen. They will also be able to see some of the instruments that professionals use in the field when testing for water quality.

Drop In - 2 sessions: 10:00 am - 12:00 pm & 1:00 pm - 2:00 pm

6) Bird Walk with 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 – 2 sessions: 8:00 am – 11:00 am & 12:30 pm -3:00 pm

7) Audubon Bird Walk

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 – 2 sessions: 9:00 am – 10:30 am & 1:30 pm – 3:00 pm

8) Can You Find that Bird?

~Bird ID Scavenger Hunt~

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

9) 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."

Drop In – 9:00 am – 11:00 am

10) Nature Exploring Walk

Inland Northwest Land Trust works with willing private landowners to protect the region's natural lands, waters, and working farms 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, and visit our booth to learn more about how you can help with our mission.

Reservations Required – 11:00 am – 12:30 pm

11) Photography Walk with 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 Required – 2 sessions- 9:00 am – 11:00 am & 12:30 pm – 2:30 pm

12) Wildflower Walk with Ken Swedberg

Come join Professor Emeritus Ken Swedberg on a 3-hour hike to learn about the wildflowers of Turnbull. Emphasis will be on plant identification.

Reservations Required – 9:00 am – 12:00 pm

13) Introduction to Ice Age Floods Presentation:

A brief (30 minute) introduction to the ice age floods and how they impacted the local landscape.

Drop In – 2 sessions: 10:30 am – 11:00 am & 2:00 pm – 2:30 pm

14) ***Geology Tours***

Legacy of the ice age floods – the geology, landforms and soils of Turnbull. A tour to look for evidence of the floods.

Reservations Required – 2 sessions: 9:00 am – 11:30 am & 12:30 pm – 3:00 pm

15) Refuge Management 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 – 1:00 pm – 3:00 pm

16) <u>Activities Tent</u>

~ All Day~ 8am – 3:00 pm

Eastern Washington University Live Animals of Turnbull

EWU wildlife students will have a display of some of the amphibians and reptiles of TNWR and will be available to answer questions about their habits and habitats.

Exploring Families – Animal Signs

In a zoo, there are signs that tell you what animal to look for, such as "Beaver." But in their natural habitat, animals don't stand in front of a sign that labels them. However they do leave us clues as to who was there, in the form of scat. Come learn to identify some Turnbull animals by their scat. We don't have any real scat at our table but we have marshmallows, jelly beans and other foods, which have the same size and shape as some of the animals at Turnbull. Exploring Families offers terrific tours, fantastic field trips and spectacular special events helping students and their parents explore, discover, and learn outside of school time and beyond the books. We specialize in a great variety of educational activities with a S.T.E.M. focus (Science, Technology, Engineering, Math).

Friends of Little Pend O' Reille Owl Activity

Want to learn what owls eat? Take a closer look at an owl's role in the food chain. Come and learn how to dissect an owl pellet.

Ice Age Floods Institute Cheney-Spokane Chapter Hands-on Science

Hands on science activities related to the ice age floods include: model a glacier, look for clues of breakout flooding and investigate the Spokane-Rathdrum aquifer. Fun for all ages.

Inland Northwest Wildlife Council

Our booth will be an interactive booth, where visitors can test their knowledge of Northwest wildlife. We will have a variety of furs, skulls, and antlers that visitors can pick up, examine, and guess which local critter it comes from. This is an educational booth. Our goal is give people a unique opportunity to get a closer look at wildlife in our area.

Spokane Clean Air

Spokane Clean Air's is a local agency whose mission is to "preserve, enhance and protect the quality of Spokane County's air resource for the benefit of current and future generations." At the festival, we will have a hands-on activity for participants to learn more about local air quality concerns and solutions. Go ahead and take a deep breath of fresh, clean air!

Turnbull National Wildlife Refuge Animal Tracks

Wildlife leave behind many clues for the observant visitor that tell their story including tracks in snow or a muddy bank. Here is an opportunity to learn who those tracks belong to. Children will be able to make their own animal tracks out of Plaster of Paris.

West Valley Outdoor Learning Center – Live Raptors

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.

17) <u>Information Booth Tent</u>

~ All Day ~ 8:00 am – 3:00 pm

Channeled Scablands Weed Management Area

Formed in 2008 by a group of landowners and local staff of several natural resource agencies, members of the CWMA work cooperatively to control and manage invasive plant species (noxious weeds) to promote healthy rangelands through public education, mapping, and technical and financial assistance. CWMA members will be at the booth to provide information on weed identification, control methods and a cost share program to help local landowners.

Ducks Unlimited

Wetlands are among the earth's most productive habitats. Ducks Unlimited conserves, restores, and manages wetlands and associated habitats for North America's waterfowl, other wildlife, and people. Our vision is to have wetlands sufficient to fill the skies with waterfowl today, tomorrow and forever. In Eastern Washington alone, Ducks Unlimited has been working for over a decade, and has helped conserve and restore more than fifty thousand acres of habitat. At the Spring Festival, talk with a DU biologist, learn about waterfowl, and take a guided walk to see restored wetlands.

Ecological Services

"The Ecological Services branch of the Fish and Wildlife Service (separate from the Refuges branch) will be staffing an information table where you can ask questions about Endangered Species, other wildlife laws, and other activities the Fish and Wildlife Service gets involved in. Educational information and pamphlets will be available."

Eastern Washington University Recycling Department

TBA

Friends of Little Pend OReille

The Friends of the Little Pend Oreille National Wildlife Refuge is an independent, volunteer, non-profit 501c (3) organization chartered in 2000. Our organization is dedicated to promoting the conservation of native fish, wildlife, plants and their habitats on the Little Pend Oreille National Wildlife Refuge, providing educational opportunities, and fostering understanding and appreciation of the Refuge.

Friends of Turnbull

The Friends of Turnbull (FOT) is a nonprofit organization that supports the mandate of the refuge to protect and enhance wildlife and their habitats through education, research, habitat preservation and restoration.

Ice Age Floods Institute Cheney-Spokane Chapter Information Booth

Members of the Ice Age Floods Institute, Cheney-Spokane Chapter, further educational objectives by answering questions and showing materials related to the floods, Institute organization and Ice Age Floods National Geologic Trail development.

Ice Age Floods Institute Cheney-Spokane Chapter Mount St Helen's Display

Mount St. Helens erupted on May 18, 1980, 33 years ago. An anniversary exhibit serves to remind those who were downwind and informs those who were not.

Inland Northwest Land Trust

Visit the Inland Northwest Land Trust booth and learn about how you can protect our region's natural lands, waters, and working farms and forests for the benefit of wildlife, our community and future generations.

Natural Resources Conservation Service

NRCS will be highlighting 20 years of the Wetland Reserve Program in the nation, as well as some specifics about the program in Washington State. The booth will have a set of banner displays and some brochures on the program, as well as information about other NRCS conversation programs.

Spokane Audubon Society

21st-century conservation must be supported by "Citizen Science"...by YOU, your family and friends, your children. At the Spokane Audubon display booth, you'll find suggestions on how you can participate...both at Turnbull Refuge and in your community. Scientists can use data supplied by citizen observers to document patterns and changes in the natural world and help us learn how to preserve our wonderful biological diversity.

Spokane Tribe of Indians

The Spokane Tribe of Indians are of the Interior Salish Group, which has inhabited northeast Washington, northern Idaho and western Montana for many centuries. The Spokane Tribe now lives on 159,000 acres in Wellpinit, Washington, and continue to contribute to the larger community of Spokane, Washington. We welcome you and thank you for wanting to learn more about the proud Children of the Sun.

U.S. Fish and Wildlife Service – The Partners for Fish and Wildlife Booth

The US Fish and Wildlife Service provide technical and financial assistance to private landowners to restore and manage wildlife habitat. A private lands biologist will be on hand to answer questions and provide information about the many programs available through the Service and its many partners. If improving your land is something you value, you can make arrangements for a free on-site consultation to look at your options.

Veterans Conservation Corps

The Veterans Conservation Corps (VCC)
The mission of the Veterans Conservation Corps is to assist veterans by providing training and volunteer opportunities that help to restore and protect Washington state's natural resources.
Volunteer and Internship Opportunities Include:

- Stream Restoration & Monitoring
- Re-vegetation of Native Plants
- Restoration of Watersheds, Forests, Prairies or Native Grasslands
- Office or Clerical Duties
- Environmental or Community Education
- Other Protection or Restoration Activities

Washington Department of Fish and Wildlife - Private Lands Access and Habitat Enhancement Programs

Since 1948, the Department of Fish and Wildlife has been helping private landowners who open their lands to public hunting. The Department helps landowners manage hunting on their property by providing technical assistance and signs.

Many of the private landowners who are part of the private lands access program also get technical assistance from WDFW Private Lands Biologists to help improve fish and wildlife habitat on their lands. Department biologists are available to help landowners plan habitat improvements and may also be available to help landowners apply for or implement federal programs administered by the Farm Service Agency (FSA) or the Natural Resource Conservation Service (NRCS). There are also WDFW funded habitat programs that are also available in some parts of the state. Biologists will be on hand to answer questions regarding the access programs and/or habitat questions.

Washington Native Plant Society

"Stop by the northeast Chapter of the Washington Native Plant Society's booth to learn about the mission of the society, the events we have scheduled, chat with a member about the local flora, peruse a sampling of our favorite books from field guides to gardening or consider becoming a

member of the only non-profit in Washington dedicated exclusively to the conservation, study and appreciation of native plants!"

West Plains Beekeepers Association

The West Plains Beekeepers Association is a non-profit organization dedicated to the education and training of those interested in the support of beekeeping. We provide classes to help people get started with bee keeping and monthly education for it's membership, as well as the community at large. In addition, we are involved in research that will increase knowledge on how to better assist the survival and growth of bees. We meet the 1st Friday of the month at 6 pm at the Pizza Factory in Medical Lake. All are welcome.

West Plains Chamber of Commerce

The West Plains Chamber of Commerce serves the communities of Airway Heights, Cheney, Medical Lake and west Spokane City and County. The chamber promotes economic development, tourism, and area promotion. Visit our table to receive a map of the West Plains, and to pick up flyers and brochures from area businesses and organizations.

18) 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.

19) Visitor Center & Friends of Turnbull Book Store

~All Day~ 8:00 am – 3:00pm

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 new refuge headquarters and has a wide variety of nature and children's nature books. They also carry T-shirts, hats, and sweatshirts in various colors and designs, plus some gift items such as pins, earrings, hand-made ceramic plates and gorgeous pine needle baskets. There are Audubon bird toys, coffee mugs and more. The Store is located in the Headquarters Building. Drop in to see our selections.