Turnbull Wildlife Refuge

Winter 2014 4th Quarter | Friends of Turnbull N.W.R. Quarterly Report | Volume 17 Issue 4

Our yearly fund raiser is almost here!
Details of this event will be found on page 4.

2015 Wild Refuge Dinner & Auction

Saturday
March 14, 2015
5:30 to 9:00

Wren Pierson
Community Center
615 4th Street, Cheney, WA

WANTED: Volunteer Treasurer

Treasurer to serve on the Friends of Turnbull Board of Directors.

Applicant needs:

- Background in Accounting/Bookkeeping.
- Familiarity with non-profit organization government rules and regulations

Responsibilities: preparing standard paperwork related to a non-profit organization with a yearly budget of $25,000-$30,000 including:

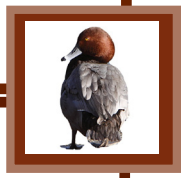
- Preparing reports to state and government agencies
- Filing federal tax returns
- Preparing reports For the board of directors.

Please send resume and inquiries to:

Molly Zammit, President
molly.z@comcast.net
(509) 487-3358

Wineracks or Wheelbarrows?

One man's junk is another man's treasure. If you happen to have an old wine rack (a large wine rack to hold 20-30 bottles of wine) or wheelbarrow lying around that you have been meaning to get rid of, the Friends of Turnbull would like to make these items treasures for the auction. Please contact Molly Zammit for pickup at 509 688 9244 or molly.z@comcast.net.



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Friends of Turnbull Bookstore & Gift Shop Report

Marian Frobe

We had a net profit this year of $1608.96, which includes Winterfest sales of $155.50. Along with sales, we also took in $175.00 in memberships and $681.76 in donations at the store. Our books and T-shirt sales were strong this year and we have sold out some of our books and some of the sizes of T-shirts and sweatshirts. Before we open this spring, I will be reordering the items we are out of and trying to find a new vendor for photo mugs, which are really popular, and determining a vendor for our pins, which we are also nearly out of.

Although we greatly missed MaryJane's expertise in scheduling the volunteers through the fall, I am happy to report that Jo Trilling, one of our newer volunteers, has agreed to do the scheduling for us this year. If you are a store volunteer, you can expect to hear from her before the store opens the first weekend in April.

If you would like to volunteer to help out at the store, please call me, Marian Frobe, at 328-0621 or at rrfrobe@msn.com or Jo Trilling at 456-8549 or j.a.trilling@comcast.net. Or check the "I want to volunteer" box on your membership form and we will contact you. Thanks to those new volunteers who responded last year and are now helping us out.

Membership: Just a reminder to renew your membership. We depend on your support to continue our important work with the Environmental Education program at Turnbull.

Thanks to Store Volunteers

Marian Frobe

Thanks to all our store volunteers in 2014. We had more volunteers to help us this year, although it was a sad year with losing MaryJane Booth in August. I appreciate those of you who were so kind to me as I tried to do the scheduling from August on. The good news is that Jo Trilling has volunteered to do the scheduling for the store next year, for which I am especially grateful. The following people worked for the Store during 2014 and deserve our recognition and gratitude:

Barbara Arnzen
John Barber
Kathy Barnard
Priscilla Bowen
Pam Carsey
Cynde Chatham
Nancy Curry
Ivy & Mike Green
Judy Hamel
Pete & Ruth Hinz
Pat & Jerry Johnson
Polly Kaczmarek
Barb Kehr
Cathy Lauritsen
Denise Mutscher
Kevin & Mary O'Reilly
Joanne Powell
Lizzie Riesenberg
Katherine Ryf
Richard & Sandra Sollie
Ken Swedberg
Jo Trilling
Kathy Wilkes

I hope I have not overlooked anyone. Thanks for all your help this year and I look forward to another year of everyone's help in keeping the store open for the public. We had a good year again this year. See the Store News for details. So if you would like to spend time at the refuge helping the Friends and the public, give me or Jo Trilling a call, or check "I would like to volunteer" on your membership application. See the Store News for contact numbers.

President:.....Molly Zammit molly.z@comcast.net
Vice President: Katherine Ryf FriendsofTurnbull@gmail.com
Treasurer: .....Robert Liepold rliepold@aol.com
Secretary: .....Joanne Powell...jopowell39@aol.com

Board Members:
John Barber.....pattiandjohnbarber@hotmail.com
Lorna Kropp.....lkropp@cet.org
Kelissa Owens.....Kellisa.Owens@hotmail.com
Peter Porter.....drpporter@yahoo.com

Visit our great website! www.fotnwr.org

Message from the President

Molly Zammit. President, Friends of Turnbull NWR

After a short walk one bitterly cold night when I was twelve, my father and I stood outside our home south of Bozeman, MT looking at constellations. It was 10 below 0. And yet, the cold didn't bother me. I was introduced to Orion, the Big and Little Dipper and shown how they were connected to the Big and Little Bear. I remember that night as if it was yesterday and it was one of those moments where my imagination and curiosity were awakened. This experience helped foster a life-long love of learning.

The Friends of Turnbull NWR is committed in continuing its support of the Environmental Education Program at the Refuge financially and with volunteers. This year over 7,000 students, elementary through high school, took part in classes offered by the refuge EE Program. I know from my own teaching experience at Turnbull and in talking with other educators, that these classes do inspire student curiosity, imagination, and love of learning in the way I was inspired on that cold night many years ago. I have seen struggling students turn around because of the hands-on, outside learning experiences at Turnbull. It was a priceless gift for them.

This is also a testament to the continuing support of our organization by you, the members of the Friends of Turnbull NWR. Without you the EE Program would not have interns to teach the classes. We would not be able to support the community tree planting and other activities at the refuge, or offer our own activities. With the new year, we graciously ask for your continued support of our organization in the following ways:

- Remember to renew your membership for this year.

- Attend our auction on March 14, 2015, at the Wren Pierson Building in Cheney, WA.

- Plan to give a tax deductible gift to the Friends of Turnbull.

- Volunteer your time to our organization. Our auction, activities, and board need help for a variety of events, which include the auction, Cheney Jubilee, Flood, Feathers, and Flowers Festival, Community Tree Plantings, and serving on the board.

- Plan to take part in the 'Tick Survey' Krisztian Magori is doing as part of his research on tick diseases. It is our hope that 100% of the Friends membership will help with this endeavor.

Finally, on behalf of the Board of Directors, I thank you all. We wish you the best as this new year progresses and look forward to seeing you at the auction or activities.

Wildlife Observations : Swan Update

by Mike Rule

Since all of our wetlands froze before Thanksgiving it has been a bit quiet at the refuge. The trumpeter swans came through in small numbers on occasion to look for open water, sometimes landing on Windmill Pond near the springs or near the Cheever Lake dam. On January 22, 13 trumpeter swans were observed in open water formed by springs on the east side of the dam. All were adult birds. Only 4 birds behaved like pairs. This early in the year they are likely related in some way to the Turnbull flock, Solo's Legacy. Eight are likely swans hatched on Turnbull. Most should be of breeding age this spring. Hopefully a new pair or two will form this spring when the few migrant trumpeters we see most years come through in February or March. Although we have had some recharge this winter from the periodic snowmelt and rain, our wetlands are still well below normal for this time of year. The lack of snowpack could have a real impact on the eventual recovery of our wetlands from last year's drought. If our summer is as hot and dry as it was last year, we could have some very low water conditions which is not great for our nesting swans and other wetland dependent species. We still have time though, and February snow has always been the most important source of water for our wetlands.

See photo page 10

Photo by Robert Bateman

2015 Wild Refuge Dinner and Auction

Saturday
March 14, 2015, 5:30 p.m.
Wren Pierson Community Center
615 4th Street, Cheney, WA

5:30p Doors Open & Silent Auction Begins; 6:00p Dinner & Keynote Speaker; 7:00p Live Auction

Since 1997, Friends of Turnbull, has been a major sponsor of the Environmental Education Program, outreach activities, habitat restoration and other projects at Turnbull National Wildlife Refuge. Each year we host various community events such as special speakers, festivals, guided hikes and education activites. We also coordinate volunteer efforts and offer financial assistance to support projects at Turnbull Refuge. We have a vision for 2015 to enhance several of the trail systems to allow for visitor enjoyment of quiet solitude and natural balance. As we look to the future we are teaming up with the Inland Northwest National Wildlife Refuge Complex in hopes to construct a new/larger Education Building at Turnbull Refuge.

Over our many decades of service, the commitment of our dedicated members and supporters like you remains our greatest asset. **Please support our organization by attending our 9th annual 'Wild Refuge' fundraiser event on March 14th, our primary source of funding, making a charitable contribution to our organization or offering an in-kind gift for the auction.** Your generosity goes directly to supporting our mission and that of the Turnbull National Wildlife Refuge.

This year's theme highlights moose that populate Turnbull Refuge. Those who attend will have a fun opportunity to pick next year's theme; start thinking of ideas…

Admission $35/person

Purchase at http://2015wildrefuge.bpt.me/
or mail your check/money order to
Friends of Turnbull c/o 2015 Wild Refuge
PO Box 294, Cheney, WA 99004-0294

Family Friendly $9/child ages 0-10

Onsite childcare offered by Cheney Parks & Rec.
$2 discount for Cheney residents
Please register by March 9 at 509-498-9250
Subway Sandwiches, cookies and more for the kiddos

Donate new work gloves, shovels or pliers at the door

to be used at the annual community work-party on May 2, 2015; an ongoing effort to restore native riparian habitat to benefit wildlife at Turnbull Refuge

Auction Donation

If you are interested in donating items of value, tax deductible as allowed by law, to be auctioned off in our silent or live auction contact one of our Board Members listed below.
Molly Zammit at 509-688-9244; molly.z@comcast.net
Joanne Powell at 509-999-2090; jopowell39@aol.com
Katherine Ryf at 509-993-6505; FriendsofTurnbull@gmail.com
Kellisa Owens at 509-629-1826; Kellisa.Owens@hotmail.com

No Host Bar

Beer and wine will be offered by the glass/bottle.
Photo ID required.

Basket Raffle

Tickets sold at the door: 1 for $5.00 or 3 for $10.00. Receive a free raffle ticket if you donate work gloves, shovels or pliers at the door.

The first 5 people to purchase tickets online will receive 1 free raffle ticket and 1 free drink ticket.

Celebrate International Migratory Bird Day

with a Community Work Day

at Turnbull National Wildlife Refuge

Turnbull National Wildlife Refuge, Spokane Audubon Society and Friends of Turnbull will host a community work party on Saturday, May 02, 2015. This is part of an on going community effort to restore native riparian habitat to benefit birds and other wildlife species. We have hundreds of native saplings to plant and fencing to erect to protect the trees from deer, elk and moose browsing.

Attention Groups: Please call in advance to register. It helps us in our planning if we know how many are coming. The Refuge will also host a "potluck" lunch. Please feel free to bring your favorite dish. Ask for Sandy (509) 235-4723 ext. 228.

Planting Time: 9 am to 12 p.m.

When: Saturday, May 02, 2015

Lunch: Potluck 12 p.m. (Friends of Turnbull will supply the hamburgers)

Where: Turnbull NWR Headquarters, 5 miles south of Cheney on Cheney-Plaza Road: turn left on Smith Road and drive 2 miles on gravel road to headquarters.

Clothing: Long-sleeved shirt, work pants, gloves, sturdy boots or shoes.

Equipment: (If you can) shovels and pliers.

Everyone is Welcome!

Refuge Happenings

by Sandy Rancourt
Visitor Services Manager

The end of an era (out with the old, in with the new).

The old public restroom was demolished in October. A new restroom will be constructed hopefully by the spring of 2015. This facility with its unique design serviced thousands of students and the visiting public since its construction in 1977. It was also a favorite roosting site for bats that used the roof design to their advantage which provided ideal temperatures for female bats to raise their young. The building and the bats will be missed.

Jefferson Elementary was the last school to use the old public restroom. (S. Rancourt)

Environmental Education & Outreach

Environmental Education

Fall Field Trips

It was nice not experiencing a government shutdown this fall which resulted in a fully booked Fall Field trip program this year. Turnbull staff and refuge volunteers also spent a few days in October facilitating refuge programs for Camp Wooten and Camp Cowles, programs that were missed last year due to the shutdown.

For the past 11 years Cheney High School has partnered with Turnbull NWR on a 2-day environmental education stewardship program. Normally 250 students participate in this wetland ecology and riparian restoration stewardship project but we hosted an additional 60 students this year when they brought all the classes out including their AP biology students. This integrated science program gets students outdoors and really connects them with nature. Teachers have informed us that the program not only helps them with their mandatory testing requirements, but it gets the students to experience science, hands on, in the field. Three hundred ten sophomore biology students conducted water quality studies, aquatic invertebrate surveys comparing 2 wetland systems, planted over 100 native trees, and erected 600 ft. of protective fencing in the refuge's Windmill Riparian Restoration Site. Staff providing instruction included the refuge biologist, visitor services manager, private lands biologist, environmental education (EE) contractor, temporary park ranger, and AmeriCorps members Brittany Moore and Collin Adkins. Several other long term volunteers also provided great assistance. Feedback from CHS was very positive including this year's comment "Turnbull's NWR staff and volunteers do an outstanding job year after year for our students and staff. The program carried out for the benefit of our community and wildlife should become a model for all NWR's."

Cheney High School Biology students really enjoyed their day in the field. (S. Rancourt)

Not always easy digging at Turnbull. Breaking through the upper layer of exotic grass is always a challenge. (S. Rancourt)

Sampling the waters. (S. Rancourt)

Bat House Bluebird Trail Project

Mike and I recently met with Nicole Simon and her students from Riverday School who presented us with their 2014 bluebird trail monitoring results. In 2003 we solidified a partnership with Discovery School and arranged for the School (3rd and 4th grade classes) to monitor a section of the refuge's Pine Creek stream reach. In March of 2005, Discovery's School second grade also adopted a refuge bluebird trail to monitor. When Discovery School closed, students from Riverday School continued with the tradition and have been annually monitoring one of the refuge's bluebird trails. In December, they competed in the Lego competition and used the bluebird project as part of their competition. The students made two movie trailers contrasting a public school experience with that of a school that includes service learning. The students really did a great job with these movie trailers. They were very creative and entertaining. The only thing missing was the popcorn.

Nicole Simon and her students from Riverday School. (S. Rancourt)

Outreach

Camps & Fairs

Turnbull participated in two camps this fall. Camp Cowles is hosted by the Boy Scouts of America at Diamond Lake. Over 650 scouts and family members participated. EE Facilitators Paul Reilly, Kylie Gaard, AmeriCorps interns Brittany and Collin staffed the popular refuge booth. Scouts participated in an aquatic invertebrate activity and also learned about the refuge, refuge system and other wildlife. We also set up information and touch tables of various items and other fun activities for the scouts to do. Annually we are asked to participate in St. Thomas More Camp Wooten, a 2-day event in Pomeroy. AmeriCorps members Brittany and Collin worked with 90 middle school students over the course of 2 days. Students sampled invertebrates from both a pond and stream in a remote setting. This is a pretty good deal all around. Not only do we connect students with nature, but the AmeriCorps interns get free food and nice lodging.

In September AmeriCorps interns Brittany and Collin staffed a refuge booth at SFCC Service Learning Fair. This is a great opportunity for us to get the word out about Turnbull, the AmeriCorps Program and volunteer opportunities.

Winter Festival

Friends of Turnbull and refuge staff worked together to host FOT's annual Winter Festival held at the refuge on December 6th. Pathways Intern Paul Reilly and refuge volunteer Rachel Rule did a great job cleaning and decorating the Environmental Education classroom for this event. Friends brought chili and holiday breads. Board member Robert Liepold brought another beautifully decorated cake for the festivity. The Friends opened their bookstore for this festivity and was staffed by Marian and Russell Frobe and Bob Liepold. We had our usual animal track corner where children could make their own tracks out of Plaster of Paris. FOT President Molly Zammit also provided a weather activity for participants. Although the turn out wasn't as large as usual, the WSU bear presentation was informative and enjoyable. Mike Rule led two refuge tours this year. Although no elk were spotted, folks participating on the tour reported seeing coyote, white-tailed deer, a great horned owl and a moose. Regardless of the wildlife observed, this festival provides a great opportunity to get out and about on the closed areas of the refuge. We have also been working with the state about possibly changing the hunt by a week to accommodate the Friends of Turnbull Winter Festival, providing greater access to the closed portions of the refuge as a possibility for future winter festivals.

The beautiful cake provided by Bob Liepold. (S. Rancourt)

Russell and Marian Frobe and Bob Liepold staffed the Friends Store at the FOT Winter Festival. (S. Rancourt)

Volunteer Program

The refuge partnered once again with Spokane Audubon Society and Friends of Turnbull to host a fall community planting event at Turnbull NWR on Saturday, October 4, 2014. It was a very busy and productive event with 115 volunteers participating. Volunteers and staff planted over 120 native saplings, and a group of 8 volunteers potted over 200 black hawthorn bare root stock. These potted seedlings will flourish in our nursery, and in about a year, will be used at one of the refuge's riparian restoration sites or in a private lands project. Although Mike and I lead this restoration project, the assistance of long term refuge volunteers including the AmeriCorps interns is always very much appreciated especially with such a large group of participants. Brittany and Collin were designated group leaders and worked side by side with their volunteer group providing guidance and helping them plant in the difficult, rocky soil. Virgil Bowen once again procured the donut donation from Cheney Trading Company who very generously supplied 10 dozen. Hamburgers, hotdogs and rolls were provided by Friends of Turnbull for the luncheon feast, and FOT President. Molly Zammit, grilled them to perfection. Marian and Russell Frobe signed in the volunteers which is not always an easy task especially when very large groups come in all at once. Keeping track of volunteer participation is vital not only for all those reports but for securing grants.

AmeriCorps intern Collin Adkins with long term refuge volunteers Peggy O'Connell and Jim Hallett. (S. Rancourt)

Volunteers potted over 200 black hawthorn bare root stock. (S. Rancourt)

Biological Program

This fall and winter has been a pretty busy season for the biological program AmeriCorps Member Collin Adkins. Besides his assistance with riparian restoration projects and environmental education and outreach he has been, tracking radio-collared elk, mapping invasive weed species, conducting bathymetric surveys of refuge managed wetlands, and monitoring water levels in refuge wetlands. Another tedious but very important job is the computer entry of the entire past field season's survey data into our refuge database. So far Collin has completed entry of last year's bird banding data, point count surveys, marshbird surveys and water level monitoring data. Collin will also be working with the Channeled Scablands Cooperative Weed Management Area to recruit volunteers to use their new smartphone app for identifying and mapping occurrences of weeds in the area around Turnbull NWR. If you are interested in using this new app you can got to the following website to download a manual that provides directions on the use of the mapping app and how to download either an android or iphone version (http://www.lincolncd.com/?page_id=93).

A new effort this year originating from an executive order of President Obama is the conservation and enhancement of Monarch butterfly populations and habitat on wildlife refuge throughout the country. The goal is to restore 100,000 acres of monarch habitat in the next few years. In support of this effort, members of the biological staff, Roy Brazzle, Collin and Rachel Rule, mapped milkweed populations on the refuge and collected over 5,000 seeds from mature pods to be used to expand milkweed habitat on the refuge and private lands. Milkweed is critically important in the breeding cycle of Monarchs http://www.fws.gov/refuges/news/MonarchButterfliesTrouble.html). More milkweed mapping, seed collecting and planting of seedlings grown from refuge seed will be occurring this summer.

AmeriCorps members Brittany Moore and Collin Adkins (S. Rancourt)

Blackhorse Beavers

A family of industrious beavers took up lodging inside one of the refuge's water control structures when the wetland's water levels dropped significantly. Their lodging is close to a riparian habitat adjacent to the refuge auto tour route, and the beavers have been harvesting large aspen in this habitat lining the roadside. Not only are the beavers removing some impressive trees they are also falling the trees on the roads which created a public safety hazard. AmeriCorps interns Collin Adkins and Brittany Moore spent two days remediating this problem by constructing and installing large protective cages around the remaining aspen.

Turnbull Ticks : A Study and Survey

By Krisztian Magori

Many of us are starting to get enough of winter and await the longer days and warmer weathers of the coming spring. With nature coming back to life around us, so are all of the animals, including some that we don't like as much, such as ticks. Given the relatively mild winter we had, some are suggesting that we can expect quite a lot of ticks this spring. Around here, the only ones looking forward to that are quite possibly me and my students at the Disease Ecology Lab at the Department of Biology at Eastern Washington University – while most of us will try to avoid finding ticks on ourselves, we will be actively looking for them! Fortunately, previous studies by my students last year at TNWR have only found ticks that have never been documented to transmit Lyme disease. However, the two Dermacentor tick species that they have found are capable of transmitting other pathogens. We're currently testing these ticks, in collaboration with Dr. Luis Matos at Eastern, for Rickettsia bacteria that could cause Rocky Mountain Spotted Fever. My students have found that the ticks at Turnbull tend to be associated with wildlife trails and other pathways that wildlife uses. They also found many more ticks just at the edges of those trails, relative to further away from those trails. In the upcoming year, we will start collecting ticks earlier and in more locations relative to last year, to better be able to describe the seasonality and geographical distribution of ticks at Turnbull.

While we wait for those ticks to emerge, I'd like to invite all of you to take part in a different kind of investigation, focused on how we humans interact with ticks and the diseases they transmit. The health impact of ticks and tick-borne diseases depends not only on the number of ticks waiting for us at different parts of Turnbull across the year, but also on what we do to avoid and remove them when we encounter them. If all of us would follow simple, generally recommended precautions (such as wearing long pants, tick repellent, etc.) and would check and remove the ticks embedded in us and in our animals, we would have to worry a lot less about ticks and the pathogens they carry. Every individual and family have their own practices and attitudes in relation to ticks and tick-borne diseases, shaped by how much and what they know about these creatures and the risks associated with them. In order to correctly gauge the potential impact of ticks and tick-borne diseases, we need to quantify these practices and attitudes and their variation among the community. In addition, I would really like to know what people think and do about these fascinating creatures! You, as members of the Friends of TNWR, represent those most likely to encounter them at the Refuge, making your inputs the most relevant. However, I can't do this without your help!

Please help me by completing an anonymous questionnaire on your knowledge, practices and attitudes towards ticks and tick-borne diseases at TNWR. The survey is short, and can be taken in a couple of minutes.Your responses to these questions will provide the first ever picture of what people who frequent TNWR know, think and do about ticks and the pathogens they transmit there, and will provide invaluable information for the future. If the results will show that most of you know a lot about ticks, follows all the guidelines for prevention and removal of ticks, and is not concerned about any pathogens, then we'll know that we're all doing a pretty good job. If the results will show the opposite, then we'll know that we have a lot of work to do to dispel myths and misconceptions about ticks and tick-borne diseases at Turnbull, and educate people better on the best ways to protects themselves from and remove ticks. The results of the study will be documented. I suspect that the truth will be in the middle, but I'm really interested to find out exactly where. Please help me figure it out by completing the survey right now at:

http://kwiksurveys.com/s.asp?sid=ps62evs1az8ivlu418682

(Editor's note: please click the address above, it's interactve.)

Thank you very much for your help!

Krisztian Magori
Assistant Professor, Disease Ecology Lab
Department of Biology, Eastern Washington Univ.

Summer/Fall Wildlife Observations

by Mike Rule

Thirteen Trumpeter Swans observed on Cheever Lake on January 22, 2015

Belted Kingfisher.
© Camden Hackworth

Both common and Barrow's goldeneyes, bufflehead and hooded mergansers have been seen recently on Windmill Pond.

A belted kingfisher and a couple of Wilson's snipe have been observed along Pine Creek and HQs Pond on a regular basis.

The beaver colony that was using the water control structure at Blackhorse Lake as a temporary lodge have now moved into their new lodge just north and east of the structure. They have been working on this lodge all winter long and now that the pond levels have come up a bit they have their preferred underwater access. You have probably seen the large number of aspen cut down near the parking lot. Although occasionally blocking the tour route, they provide the energy and building materials for this construction project.

Moose and elk sightings have been slim, but mule and white-tailed deer are often seen along the auto-tour route.

A hike around the Stubblefield Lake Loop Trail will occasionally provide views of several raptors; bald eagle, northern harrier, rough-legged and red-tailed hawks, and an occassional American kestrel.

Spending some quiet time in the pine forests of the refuge will result in the sights and sounds of our resident red-shafted flickers, mountain and black-capped chickadees, and pygmy and white-breasted nuthaches. A few of our mostly northern breeders are around too including red-breasted nuthatches, pine siskin, and if you're lucky, northern pygmy and saw-whet owls. Great-horned owls are reestablishing pairbonds and getting ready to nest, their calls are frequently heard near dawn and dusk.

Great Horned Owl & Chick.
© Herm Wallace

Friends of Turnbull NWR
P.O. Box 294
Cheney, WA 99004

FRIENDS OF TURNBULL
NATIONAL WILDLIFE REFUGE
CHENEY, WASHINGTON

The Friends of Turnbull National Wildlife Refuge, a nonprofit organization, supports the mandate of the refuge to protect and enhance wildlife and their habitats through education, research, habitat preservation and restoration.

Got email? Add it to your membership form for quick activity updates!

Membership Application

YES! I want to support the Friends of Turnbull National Wildlife Refuge and its programs with my membership.

Name _____

Address _____

City, State, and Zip_____

Daytime Phone _____

E-mail _____

Annual Membership: (Circle one)

Individual $15
Family $25
Business/Group $35
Patron $100
Benefactor $500
Donation $____
Endowment Fund Donation $____

Amount Enclosed _____

New ____ Renewal ____

I would like to volunteer_____
Bookstore_____
Committee_____
Environmental Education___
Where needed _____

My check is enclosed payable to
Friends of Turnbull N.W.R.
P.O. Box 294
Cheney WA 99004