



Calliope Crier

The Yakima Valley Audubon Society is people dedicated to the enjoyment and preservation of the natural world. Through birding, education and conservation activities in our community, we raise awareness and promote the cause of global environmental protection.

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A Chapter of the National Audubon Society

March 2015



MARCH PROGRAM

BILL DRENGUIS



Come join YVAS member Karen Ireland when she talks about wildlife of the Falkland Islands. Her FIFTH trip to the Falklands was for two weeks in October, 2014, and included stays on three (of the 700) islands. There are approximately 60 common resident and non-breeding visitor bird species in the Falkland Islands; 5 of these are penguins. Share a visit with 34 of these species during the early part of the breeding season.

Karen Ireland, M.D. is almost retired, having been a surgical pa-

thologist for 31 years, and now (sometimes) employed as the over-worked (and underpaid) assistant to the local forensic pathologist, Jeffrey Reynolds, M.D. He is currently in his third and fourth occupations as a forensic pathologist and photographer, having previously been an aeronautical engineer and urgent care physician. They both love to travel and have been to all 7 continents, camping (Karen 6, Jeff 5) on most.

Mark your calendar for Thursday, March 26, at 7:00 pm to see this presentation at the Yakima Area Arboretum



PRESIDENT'S COLUMN

ANDY STEPNIEWSKI

Make plans to visit Toppenish National Wildlife Refuge! As you may recall, YVAS entered into an agreement with the refuge, a MOU. One of the goals of this agreement is to increase opportunities for the public at the refuge, especially in spring. The refuge has been closed on weekends for many years, frustrating birders and the visiting public. Starting February 15, Kerry Turley, YVAS "Refuge Keeper," began the pilot program to increase public access to the refuge on Sundays this spring. Anyone who has been out to the refuge in spring can attest to the extraordinary wildlife spectacle out there at this season. Thousands of geese, ducks, and swans crowd the refuge ponds. Overhead, numerous raptors and swallows fill the sky. Shorebirds and many other birds add to the show, making this truly an exciting natural venue. The refuge will be open Sundays; 10-2 pm. Kerry welcomes your help! You certainly don't need to be an expert birder to help. Besides the spectacle of birdlife out on the refuge ponds, another exciting viewing opportunity is observing the nesting

Great Horned Owls directly above the visitor center. Just helping folks see these regal owls through a scope is sure to please! Please consider volunteering to help staff the refuge on Sundays. If you are interested, you can contact Kerry either at kdturley@embarqmail.com or 837-6930.

Scott Downes, Field Trip chair, reports a "full" program of field trips is on the schedule for March and April in addition to the weekly Poppoff Walks led by Karen Zook. Spring is the very tippy top of species diversity in south-central Washington. Make plans to attend these fieldtrips that will showcase the wonderful spring migration.

On March 5, Christi Norman, Audubon Washington and Doss Dingli, National Audubon IT expert on ARC GIS, presented a tutorial on this mapping tool for those participating in the "Sagebrush Songbirds." This Audubon Washington and Washington Department of Fish and Wildlife project heads to Wenatchee later this month for a field and class training session led by Matt Vanderhagen, WDFW biologist

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Visit the Yakima Valley Audubon Society's website at: <http://www.yakimaaudubon.org>

President's Column (continued from page 1)

and researcher. This will be Year 2 of this project that focuses on censusing key species in the beleaguered shrub-steppe ecosystem.

The Education Committee, chaired by Ellen Stepniewski, announces an introductory birding class on "Waterbirds in the Yakima Area" to be held March 28 at the Yakima Area Arboretum. Sign-ups will be through the arboretum. This class is designed to introduce you to the spring avian spectacle at Toppenish National Wildlife Refuge. Waterfowl will be the focus, including swans, geese, and ducks, because this group forms the bulk of the "spring show" of migratory birds at the refuge. Other groups of birds associated with water: herons, loons, grebes, cormorants, pelicans, and gulls and terns will be introduced, too. Instructors for the course this year will be Denny Granstrand, Jeff Kozma, and Andy Stepniewski. Others helping with this course will be April Adamson, Ellen Stepniewski, and Karen Zook. There is still time to signup. Contact the Yakima Area Arboretum to enroll!

In the Conservation arena, several Yakima Auduboners, Greg Bohn, Teresa Lorenz, and Karen Zook, have been addressing the Yakima River Basin Integrated Plan. Karen recently submitted written comments to aspects of this plan. Thank You Karen!

Karen is also exploring "a possible collaboration with the Back Country Horsemen on keeping the BBQ Flats area in

the Wenas open, i.e. making sure any garbage is picked up and keeping an eye out for troublemakers. I talked with a couple of the Back Country Horsemen members at the TWIG meeting. They are open to having one or more of us attend one of their club meetings to discuss possible options. I am going to go and would like to have others join me."

On another conservation theme, Scott Downes, YVAS Field Trip Chair, reports WDFW is greatly concerned about a proposed power line project through sage grouse habitat on the Yakima Training Center. Scott and WDFW Director Mike Livingston will confer on a letter to emphasize the project's potential negative impacts on this imperiled grouse that YVAS may choose to endorse.

Bluebirds are back and after a winter break, preparations for the upcoming nesting season are planned for the Vredenburg Trail on April 4.

Regarding bluebird boxes, Richard coordinated a project with Dean Leenhouts, who was looking to satisfy a Master Hunters volunteer project to renew his permit with WDFW. Richard has picked up 24 boxes from Dean. Richard reports these boxes are, "well constructed with a design developed by YVAS member Larry Robinson when he rebuilt all 132 boxes on the Vredenburg Bluebird Trail at the turn of the century." Your board voted to give Dean an honorarium of \$100 to reimburse him for out of pocket expenses incurred in this project.



MEMBERSHIP

JOY MCKINNEY

Welcome New YVAS Members!

Yakima: Cowiche Canyon Conservancy, Sherrie Prentice

Thank you for renewing your YVAS Membership!

Anacortes: John O'Connell

Grandview: Janet White

Naches: Teresa Lorenz, Marilee Yearout

Moxee: Debie Brown

Selah: Jan Brydsen, Cindi Confer Morris, Sally Rodgers, Doug and Marjorie Peters

Tieton: Sandra Wasson

Toppenish: Lois Bourgeois Jones and Dick Jones, Kathleen Ross

Yakima: Julie Johnson, Earl Derry, Karen Hyatt, Jenifer Parsons, Terry Davis, Ron Sell and Linda Knutson, Kathy and Ed Medford, Joyce Lucas, Margaret Morris and Ken Tolonen



YVAS MEETINGS

Mar 26 Audubon Chapter Meeting at the Yakima Area Arboretum at **7:00 pm**.

April 14 Board Meeting at Denny Granstrand's house (2011 S. 47th Ave., 453-2500) at **7:00 pm**.

The Yakima Valley Audubon Society meets on the fourth Thursday of January, February, March, April, May, August, September, and October at 7 pm at the Yakima Area Arboretum, located at 1401 Arboretum Drive, Yakima, WA. Guests are welcome at these meetings. The Annual Meeting of the Society is held the first Thursday of December at 6 pm. The Board of Directors meets each month except December at 7 pm at locations announced in the Calliope Crier. Members may attend Board meetings; however, please notify the host because of possible space restrictions.



CONSERVATION

GREG BOHN

Shading of crops - another way to conserve irrigation

Water. A French agricultural scientist Christian Dupraz wondered if crops and solar panels could both be productive on the same plot of land. It is typically thought that one or the other, but not both could be productive. He hypothesized that the solar panels could provide an additional source of income to farmers while at the same time sheltering crops from the rising temperatures and destructive hail and rain storms associated with climate change. So, in 2010, Dupraz built the first-ever “agrivoltaic” farm, near Montpellier, France. They planted lettuce in four adjacent plots - two in full sun as “controls”, one under a standard-density array of solar panels, and one under a half-density array of solar panels.

The researchers assumed crop productivity would decline in the shade, but were not completely convinced. “Shade will reduce transpiration needs and possibly increase water efficiency,” Dupraz wrote. The key would be finding the right balance between electricity produced by the solar panels and crop production. At the end of three growing seasons, the researchers found something surprising: that the crops under the half-density solar panel shading were just as productive as the ones in the unshaded “control” plots. In a few cases, they were even more productive!

The reason for this surprising outcome was the ability of plants to adapt to lower light conditions. Lettuce plants adjusted by increasing their leaf area and by altering leaf arrangement to harvest light more efficiently. With half-shade, the lettuce achieved a 29% saving of evapotranspired water. Within the context of global warming and water shortage, reducing water demand by shading plants could represent a significant development in the future.

Native birds saved by invasive toads. Australia's crimson finch is being helped by the invasive cane toad which was imported by that government in 1935 to control a beetle pest of sugar cane. Although the toads have proven to be an unstoppable scourge in the following years, they have also been killing off predators of the Australian finch. The predators die when they eat the poisonous cane toads.

A research team surveyed 13-kilometer-long stretches of a road near the Ord River in western Australia from 2009-2013. During the same time period, the team looked for the monitor lizards, crocodiles, Gilbert’s dragons, and common tree snakes on the shores of the Ord River and on nearby piers, docks, logs, trees, and other plants. The researchers

also studied crimson finch nests in the area from 2011-2013, searching for holes and other signs that the nests had been attacked. And they monitored 12 nests with cameras to find out which predator species were eating the eggs and nestlings.

The cane toads likely invaded the area in 2010-11, the team found. The populations of two monitor lizard species, the Mitchell’s water monitor and Mertens’ water monitor, dropped by 49 and 41 percent, respectively. As those lizards declined, the crimson finches’ fledging success rate increased by 30%. The researchers concluded that other birds could benefit as well. The threatened purple-crowned fairy-wren lives in the Kimberley region, which will likely soon be invaded by toads. About half of the wrens’ nests are usually attacked, but the birds could fare better as the toads poison more predators.

This example of conserving the crimson finch should not be repeated since it really represents an unintended consequence of bringing in a non-native species as a biological control of a specific problem, and the having it blast out-of-control throughout the ecosystem. The way to improve a native species is by improving its habitat, not by bringing in a non-native species.

Wineries and winged-friends help each other. The threatened New Zealand falcon (*Falco novaeseelandiae*) is helping winemakers by hunting birds that damage grapes. Now a new study has shown that the arrangement also benefits the falcons: these raptors take better care of their chicks when they live in vineyards. A program called Falcons for Grapes, started in 2005, brought the birds back to wine country. Previous research found that the falcons helped control pests such as starlings and blackbirds in vineyards, but whether there is a simultaneous benefit to the falcon population was unknown.

The researchers set up video cameras near four nests in or near vineyards and near six nests in the hills. The team monitored the birds and their chicks from 2008 to 2011, gathering more than 2,800 hours of recordings. Vineyard falcons spend more time feeding their chicks and guarding their nests. As the chicks grew, the falcons in vineyards also provided more food than the falcons in the hills. And the vineyard-dwelling falcons did a better job of preparing the chicks’ meals: they plucked all the prey’s feathers and decapitated prey more frequently.

The falcons in vineyards had an automatic advantage because they received supplementary food. But even when the researchers didn’t count the extra food, they found that the vineyard falcons tended to feed their young bigger prey than their hill-dwelling counterparts.

Trails and Wilderness Interest Group (TWIG) Update

I attended the U S Forest Service TWIG meeting on March 3. Good things are happening in the Naches Ranger District.

Jeff Leisy, Lead Wilderness/Trails Coordinator for the Naches Ranger District, introduced Bill Hawley, the new North Cascades Regional Representative of the Pacific Crest Trail Association. Bill spoke briefly about current projects on this 2,650 mile border to border trail and gave us his contact info: bhawley@pcta.org.

Jeff then updated the group on upcoming USFS volunteer training and classes, and trail repair projects that are in the works for this year. He also updated us on the helicopter logging that is currently being done in the Nile area. At present, the helicopters are working 7 days a week, and trucks are hauling 5 days per week. The need for signs to alert road users was discussed. They should be there, but are not. Jeff will look into that. The logging project should be completed by mid-April.

Jeff then spoke about a new program at the USFS Naches District. It is called Trail and Wilderness Management Partners. I like this program. It has the potential to benefit all trail and wilderness users, not just the ones with larger numbers. TWIG is designated as the "umbrella" group where issues are discussed and information shared.

Under TWIG, there will be Trail Management Partners Oversight Groups, which are focus groups with at least one member of each Trail Management Partner Group i.e. Jeep clubs, Backcountry Horsemen, ATV groups, hiking groups, environmental groups. These work groups will each have a specific geographical area they are most concerned with. These groups will be the primary decision making groups,

although only the USFS can make legal decisions (such as road closures). These groups will meet twice per year, in spring and in fall.

Under the Oversight Groups, there will be Work Groups. These are subcommittees that work on specific tasks.

I am trying to be brief and this may sound more complicated than it is. But this program is designed to give all of the Trail Partners an equal voice in what happens in our forests. It is also designed to help the USFS be more efficient. By having trail partners as "eyes and ears" in the forest, they can better allocate staff time and resources. Staff will be more aware of areas of concern that need immediate attention and can focus on those areas first.

Unfortunately I was not able to attend the meetings of the Oversight Groups, as I had schedule conflicts, but I plan on contacting Jeff about possible future involvement.

There are other projects in the works, including possible corridors which will allow forest users to drive up to 300 feet to a campsite. USFWS has concerns about this and will ask for monitoring for impact on species if this is implemented. WATV group is asking for USFS roads to be opened to all licensed ATV's. The ATV groups are also asking for (new) designated ATV routes - up to 500 miles system wide. Four routes have been suggested and they are asking for two. The USFS has the final word on this, and environmental groups have or will be consulted. This is currently under review, and there is no guarantee that any routes will be approved.

I think I have gone on long enough. The next TWIG meeting will be April 7 at 7:00 PM at the Naches District Ranger Station. TWIG is open to all interested people - anyone is welcome to attend.

— Karen Zook —



FIELD TRIPS SCOTT DOWNES

Mar 26, April 2, 9, and 23 - Thursday Morning Bird Walk – (Note – the April 16 walk will be at the TNWR!)

Meet the group at the new Poppoff Trail/Jewett Pathway parking lot at the east end of Valley Mall Blvd., at the north side of the easternmost roundabout at 8:30 am. Tour Yakima's birdiest close-in venue with the folks that know it best! **If you have questions, contact Karen at gadzooks7@charter.net.**

March 28 - CLASS: Spring Waterbirds around Yakima. - This class will be presented by YVAS members at the Yakima Area Arboretum. Class will be from 9-11 am, followed by a field trip to Toppenish NWR. This should be a great opportunity to learn about and see many of the waterbirds in our area. See the article on page 6 for details about participation, or volunteering to help. **Contact Ellen Stepniewski for further information (steppie@nwinfonet, 877-6639), or the Yakima Area Arboretum to sign up (www.ahtrees.org, 248-7337).**

March 27, 28, and 29 – Othello Sandhill Crane Festival – On your own. View cranes on bus tours (\$12 adult, \$7 Sr./Student) Friday evening, Saturday morning and evening and Sunday morning. General Admission (\$10 adult, \$7 Sr.) on Saturday allows you to tour exhibits, vendors and/or pick from five lectures every hour from 9 am to 3 pm. **For full details see <http://www.othellosandhillcranefestival.org/>**

April 4 - Bluebird Box Cleanout - It is spring and once again time to clean out and inspect the 132 nest boxes on the Vredenburg Bluebird Trail in preparation for the upcoming nesting season. To facilitate the assignment of boxes to teams, please **contact Richard Repp (rich712@aol.com or 965-1134)** if you wish to help or for further

Field Trips (continued from page 5)

Field Trips (continued from page 4)

information. A half-day event but bring snacks, drinks, and work gloves. Clothing for wind and rain protection recommended as are sturdy footwear.

April 11 - Arborfest - YVAS will again participate with a booth in the Yakima Area Arboretum's community event for families, celebrating nature and Arbor Day with displays, hands-on learning and crafts. Please see the article on page 6 to volunteer with us, or to bring your family and friends. **Contact Karen Zook, (gadzooks7@charter.net, 225-9494) or Ellen Stepniewski (877-6639, steppie@nwinfo.net).**

April 16 - A Thursday morning birdwalk at the Toppenish National Wildlife Refuge. Join YVAS and the Pokies hiking group for a reasonably slow-paced walk at the refuge. Bring your scope if you have one as well as snacks and drinks. Expect to finish by noon. For starting time and place, **contact Richard Repp (965-1134 or rich712@aol.com).**

April 18 - Zimmerman Ponds - Each spring, snowmelt in the Cascades rushes down Toppenish Creek filling ponds and flooding valley bottoms, creating a bonanza for water and marsh birds. The marshes, fields, and riparian patches in the lower valley rise to their birding peak in late April. Look (and listen) for Black-necked Stilts, American Avocets, Cinnamon Teal, Virginia Rails, and Yellow-headed Black-birds. The Zimmerman property is being restored by the Yakima Nation and is normally closed to the public. This is a great half day field trip with birding opportunities close by for those who want to extend the day. Meet at 7:30 am at the Valley Mall parking lot north of Sears (old I HOP location). **Contact Kerry Turley (840-0980 or email him at kdturley@gmail.com).**

April 27 – Snow Mountain Ranch - Please note that this is a Monday. Join Joe and Karen Zook for a hike around this parcel of land west of Yakima, which is preserved by the Cowiche Canyon Conservancy. We will be looking at all birds, but specifically passerine migrants, such as Western Tanager, Lazuli Bunting, Loggerhead Shrike, flycatchers, sparrows and warblers. Perhaps even an early Oriole? Snow Mountain is also a great place for Horned Larks. Meet at the trail head on Cowiche Mill Road at 7:30 AM. Be prepared for 2-3 miles of hiking, and bring sun screen and insect repellent, as mosquito and tick season will be upon us by then. Trails at Snow Mountain are narrow and somewhat uneven (rocky) but otherwise they are in good shape. Questions? **Contact the Zooks at gadzooks7@charter.net.**

Arborfest—"The Giving Tree" and You Are Invited!

It is almost time again to celebrate nature with families at the Yakima Area Arboretum's annual Arborfest on **Saturday, April 11th, from 10am to 3pm.** This is a **FREE** family community event, celebrating Arbor Day, spring, conservation and nature. It is held at the **Yakima Area Arboretum.**

The theme for this year's Arborfest is "The Giving Tree", and it will emphasize the benefits of trees, from wood to cleaning the air we breathe - and of course the benefits for birds!

The event has something for everyone, young and old. Over 30 local organizations sponsor booths and stations with a wide variety of activities and crafts to learn about the environment, science and art in environmentally friendly ways. Kids and adults thoroughly enjoy this fun event!

Yakima Valley Audubon Society will host a booth with displays showcasing the benefits trees provide for birds, from shelter to food. Materials will be provided for partici-



pants to create their own colorful bird button. This activity always brings smiles to children of all ages. The location of our booth near the arboretum's pond provides a variety of birds to share with the families.

Hundreds of kids and families will participate in our activity and we need volunteers to help. Please consider joining us for this fun and educational activity. The event runs from 10 to 3 and we will need **volunteers** to help for all or part of that time. Volunteers assist with setting up and taking down the booth as well as interacting with the participants. Set up will start at 8:30 am. Contact Karen Zook by phone at 225-9494 or email her at gadzooks7@charter.net or Ellen Stepniewski at 877-6639 or steppie@nwinfo.net for more information and/or to volunteer.

Arborfest is fun! Plan to attend and please alert family and friends about this fun-filled family event.

— Ellen Stepniewski —

Birding Class – Yakima Area Waterbirds in Spring

Act now to sign up as time is limited! Class will take place **Saturday March 28** at 9:00 am at the Yakima Area Arboretum (doors will open at 8:30). This class will include a morning lecture at the Arboretum followed by an optional fieldtrip to the Toppenish National Wildlife Refuge. Members of the Yakima Valley Audubon Society will introduce you to birds in the Yakima area that live in or by water. A primary focus will be on the wide variety of "waterfowl," which includes geese, swans, and ducks. Birds in this group migrate through our region in huge numbers in spring creating a grand display at Toppenish. The class will focus on waterfowl and how to differentiate between these species plus tidbits on their biology and habitat requirements.

We'll introduce you also to the various other "waterbirds" such as loons, grebes,

cormorants, pelicans, shorebirds, gulls, and terns. These birds are frequently less conspicuous, but many species occur locally and we will introduce you to the common ones.

After the class session, which will end about **11am**, we'll carpool to Toppenish National Wildlife Refuge, which should be alive with waterbirds. **Bring a bag lunch as well as binoculars and scopes if you have them.** On this field trip, you'll get a chance to view many of the colorful and abundant waterbirds present on the refuge in spring. Experienced birders will assist with identification and key field marks. The field trip will end around 3:00 pm.

The class fee is \$ **25**, (**\$20 for Audubon or Arboretum members**). Sign-up with the Yakima Area Arboretum: **248-7337** or through their website, www.ahtrees.org.



Ring-necked Duck
Photo by George Vlahakis



BIRD SIGHTINGS **DENNY GRANSTRAND**

One of the big surprises in birding in Yakima County in the past few years has been the activity at the settling pond at Costco in Union Gap. Two years ago or so it became a magnet for ducks that are uncommon in most areas of the county away from Priest Rapids. The ducks seemed to be quite tame and allowed good views for the birders who stopped by.

On Feb. 28, Richard Repp, probably on his way in to get a hot-dog and chocolate yogurt (my favorites), found a male Canvasback on the pond. This large, diving duck, which is more usually seen in the deep water at Priest Rapids, stayed until at least March 6.

Other ducks on the Costco Pond recently include Lesser Scaup, Ring-necked Duck, American Wigeon and the ever-present Mallards. A single American Coot has been hanging out with the group, too.

A Blue Jay was reported to BirdYak on Feb. 28 by Brock Weimer. It had been hanging out near Summitview Ave. and 32nd Ave. in Yakima. Brock's friends own Corvid Coffee, which is at that intersection. They told Brock they had been seeing it for nearly two weeks. It was a very elusive and generally offered just brief views to the birders who searched for it.

A Blue Jay spent several weeks in the neighborhood



Canvasback at Costco
Photo by Karen Zook

south of Tieton Drive and west of 16th Ave. in October and November. The Blue Jay Brock reported is possibly the same bird, just hanging out in a different neighborhood. Though, of course, it just might be a different one.

A Eurasian Wigeon has been seen regularly on a pond north of Pumphouse Road at about Milepost 4 on the Toppenish NWR for the past couple of weeks. A Snow Goose and two Greater White-fronted Geese were seen in a large flock of Canada Geese flying east of Old Goldendale Road on March 8. The Snow Goose hung around until March 12 when Jeff Kozma spotted it. Quite a few Tundra Swans and a several Trumpeter Swans have also been regular in

that area.

A group of Sandhill Cranes spent a week or so at the Zimmerman property south of Marion Drain Rd. in early March. The group included both Lesser and Greater Sandhill Cranes and gave several viewers good side-by-side views of the size difference of these two subspecies.

With our weather turning spring-like so early in the year, it is no surprise that early migrants are showing up. It is time to dust off your binoculars and enjoy the birds in your neighborhood or favorite birding area.

— Denny Granstrand —

Yakima Valley Audubon Society Membership

Renew my annual membership to the Yakima Valley Audubon Society to receive 10 issues of the Calliope Crier and all chapter benefits. National Audubon membership and Audubon Magazine are not included.

Yakima Valley Audubon Membership\$ 25.00 per household
 Yakima Valley Audubon Senior (62+) OR Student Membership\$ 15.00 per household
 (please circle which apply)
 Yakima Valley Audubon Society Life Membership\$ 500.00 per household

I do not want to receive any solicitations or communications from NAS (please check if applicable)

I prefer to read the Crier online and not receive my copy by mail (please check if applicable)

Please make any corrections to your contact information as needed.

NAME _____ PHONE _____
 ADDRESS _____
 CITY _____ STATE _____ ZIP _____
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Please return this form and your check payable to: **Yakima Valley Audubon Society (YVAS)**

Send the form and your check to: **YVAS Membership, P. O. Box 2823, Yakima, WA 98907**

If you have any membership questions, contact Joy McKinney at joycatbird@gmail.com or 698-4110.

2015 YAKIMA VALLEY AUDUBON OFFICERS AND BOARD

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			YVAS Email	(birds@yakimaaudubon.org)	

THE GATE IS OPEN!

The Visitors' Center at the Toppenish Wildlife Refuge will be open this spring on Sundays from 10 am to 2pm. Drop by to visit with YVAS volunteers headed by Kerry Turley and learn what species are close at hand. Great Horned Owls have a nest in one of the Center's trees. A nearby pond will have Cinnamon Teal,

Northern Shovelers and other treats. Yellow-headed Blackbirds and Black-necked Stilt will soon arrive. Ravens and raptors will patrol the skies and the sound of winnowing Wilson's Snipe will rain down. Arrive early as the sights and sounds are abundant!



Coming Attractions:

Chapter Meeting - Mar 26

T.M.B - Mar 26, Apr 2, 9, and 23 - (Apr 16 at TNWR)

Waterbirds Class - Mar 28

Bluebird Box Cleanout - Apr 4

Arborfest - Apr 11

Zimmerman Ponds - Apr 18