



 **INDIAN TRAIL MARKER** *Spring 2020*

News, events & calendar of the Indian Trail Chapter, Texas Master Naturalists...Serving Ellis and Navarro Counties

**Rise up Brothers and Sisters...  
I implore you, Rise up!  
Spring is here!**



## *From the Desk of the* **PRESIDENT**

Elaine "Muffi" Ruby

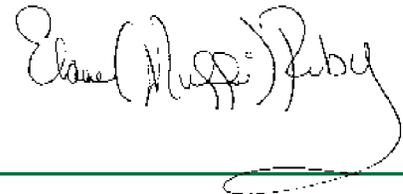
**IT IS ALREADY APRIL. THE DINGINESS OF** winter has past, not that we had much winter this year. What do you suppose this means for our upcoming summer?

Spring is here – enjoy it for whatever short time it lasts. Spring is almost our busiest season as Naturalist's. We educate and learn at the same time. Building relationships, while teaching the Farmers Market attendees. Educating many people and children at the EXPO in Waxahachie. Plus,

both learning and contributing to the Bio-Blitz at Bardwell and at our Moth Night at Mockingbird Nature Park. Plus, our April farm day at Ellis County Heritage farms.

We have many events where we teach and eagerly show active things in Nature that we hope inspire and bring joy to all those we meet, as Naturalists. Enjoy the spring!!

Elaine Ruby,  
President



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Monthly meetings are held on the 4th Monday (usually) of each month at 6 p.m., program at 7 p.m. at the First United Methodist Church, Waxahachie. Our office is located in TexasAgrilife at 701 S. I-35E, Suite 3, Waxahachie, TX 75165 | 972-825-5175  
Visit our website at <http://txmn.org/indiantrail>

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## **Kachina Prairie Jan-Feb 2020**

*Jim Patak, KP Project Chair*

2020 has been a very slow year for the Prairie so far. The weather was totally uncooperative, in terms of scheduling workdays. The first three scheduled workdays were cancelled due to wet conditions. Last Saturday's workday went off without a hitch. Sandy Ashbrook and I were able to tighten and retreat all the benches and the bug house roof with Water Seal.

As recommended by our TLC Land Steward last year, the Prairie dormant season mowing was completed on 21 January by the City Parks Department. The Prairie looks really great. Those of you who participated in the "Feed the Birds" Day saw it for yourselves. Those who have not been able to come by, see attached pics. The bluebonnet stand looks a little thin to me. However, they are beginning to transition out of floret stage. It will be interesting to see what else pops up.

I mentioned before that I have started attending the City's Parks Board meetings. At the last meeting Wednesday night, the Board was briefed on the "Keep Ennis Beautiful" campaign. This campaign

includes an "Adopt-a-Park" program. The local Lions Club was granted sponsorship of a neighborhood park that they were instrumental in providing funding for the playground equipment a few years ago and their club helps to maintain. I petitioned the Board to consider our Chapter as sponsors of the Prairie, given the 9+ years we have been working to preserve the Prairie. The petition was accepted.

Looking forward to the spring warmup.



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**COVER: Common Yellowthroat.** Why some animals are referred to as "common" escapes me. Case in point, this cover. Secretive and quick, 1/2500 of a second is all I see of it.

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# HIDDEN TEXAS TREASURE



Photo © Mary Welty

*By Matt Willis*

Winter on the Texas Coast may be off-season for tourists, but it is the place to be for North America's tallest native bird. Weighing in at up to 17 lbs. and standing about 5 feet tall and standing about 5 feet tall, the 7.5 foot wingspan is second only to the California Condor. In case you have not already guessed, I am referring to the Whooping Crane (*Grus Americana*) and this bird is every inch an American treasure. Their sleek, brilliant white plumage is easy to spot against the dark greens and browns of the coastal marshes where they forage for blue crabs. While they will also eat small fish, frogs, and other aquatic life, it is the blue crab population that is critical for successful nesting. Perhaps it has something to do with the 2500 mile migration to reach their nesting grounds in Northern Canada.

Nothing can compare to seeing these beautiful birds in person. They have a blunt beak of moderate length with a black mask at its base and a red patch on top of the head. They have a solid, pure white body with black tipped wings. They fly with head and neck stretched out ahead and feet stretched out behind. This is distinct from egrets and herons who fly with their necks scrunched up in an "S" shape. They only travel

in small groups of 2 to 8, but will often be found in the company of Sandhill Cranes. Sandhills are grey and smaller than the whooping cranes so it is important to know that juvenile Whooping Cranes are born red. As they grow, they become mottled red and white before gaining their solid white color. On my last trip to Rockport, I got to observe a "large" flock of 8 whooping cranes. When I arrived, I saw a group of 5 hanging out in the marsh. Then a group of 3 flew overhead. Since they usually stay in pairs, I think one in flight was the mate of another on the ground. It called out as it approached the group on the ground and landed close to one particular individual. The one on the ground stretched its head so that it pointed to the sky and lifted its leg. The one that landed seemed to take a bow and they both vocalized. It sounded sweet, like they were happy to see each other. I noted that this property was also used for cattle grazing and had a small herd present. On a previous visit I saw the cranes foraging behind the cattle as they moved. The property is probably around 5-10 acres in total, but it seems the cranes are happy. It is clear that the cranes can coexist with human development if only we take care to preserve chunks of habitat they need.

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The whooping crane population has never been huge, but they nearly went extinct in 1941 when 15 were counted in Texas and 6 in Louisiana. It would be another 13 years before conservationists found out where whooping cranes were nesting in northern Canada. Two wild life refuges were created to protect the last remaining migratory flock of Whooping Cranes: Wood Buffalo National Park in Canada and Aransas National Wildlife Refuge in Texas. Thanks to the hard work of conservationists, their population has increased to a few hundred. Additionally, people are trying to start a new migratory population that would travel between Florida and the northeast coast of North America. Unfortunately, it is still a difficult struggle for this bird for many reasons. They will lay 2 eggs in the spring. Sadly, only one chick usually survives. There are some natural predators that will try to take a chick left unguarded, especially in dry years when the nest is no longer surrounded by water. Even the adults

can fall victim to difficulties. Overhead powerlines are difficult to see and is the leading cause of fatalities. Illegal poaching or accidental shooting during snow goose season is the second most common loss for adult whooping cranes.

The Whooping Crane's survival comes down to the preservation of habitat and food resources. Even if the habitat is divided by private property boundaries, it is possible for neighbors to work together. If we make efforts to preserve blue crab habitat, then Whooping Crane numbers should continue to rebound. As their numbers increase, so does their range of occupancy. As my recent trip to Rockport has revealed, they are already starting to show up in locations outside the Aransas National Wildlife Refuge. Next time you are on the Texas coast in winter, keep an eye open for a pair of large white birds. Bird enthusiasts come from around the world hoping to see a Whooping Crane in person.

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# TASTE BUDS

It's Spring, get it?  
Spring.  
Buds.  
Whatever, enjoy.

## DELICIOUS WAFFLES or PANCAKES

**2 cups biscuit mix**                      **1 egg**  
**1/2 cup vegetable oil**                **1-1/3 cups club soda**

Mix the ingredients together well and pour on your waffle iron or griddle. This batter WILL NOT keep, So cook the entire batch and freeze the cakes that are left over in a baggie. Reheat in your toaster.

## THE BOMB (PUDDING CAKE)

**1 Large Box of Vanilla Pudding**  
**1 Large Box Chocolate Pudding**  
**1 Large Container of Cool Whip**  
**1 Chocolate Layer Cake**  
**6-10 Heath Candy Bars**

Make each pudding according to directions, then mix them together. Slice the cake layers in half horizontally to make 4 layers. Crush the (chilled) candy bars. In a large bowl, about the size of your cake layers, put the ingredients in layers:

**#1** - Cake.....pudding mix.....cool whip.....sprinkle candy pieces

Layers **#2.....#3.....#4.....**Repeat as above. Chill before serving.

## MAKE-AHEAD CHINESE COLESLAW

**1 Pkg. Chicken Ramen Noodle (not instant)**  
**Open pkg. and remove Flavor Packet to use for the sauce. SAVE noodles to add tomorrow or when ready to serve.**

**8 oz. package chopped cabbage**  
**1 bunch green onions, chopped**  
**1/2 cup baked slivered Almonds (250 for 20 min.)**

**2 Tbsp. sunflower seeds**

### **Mix Sauce:**

**Chicken Flavor Packet**                **1/2 cup oil**  
**1/4 cup sugar**                                **1 Tbsp. vinegar**

Stir sauce into cabbage mixture (*DO NOT include Noodles yet.*) Cover and refrigerate. Let set overnight for flavors to blend. Stir in noodles shortly before serving.

# HI HO, HI HO, IT'S OFF...

**TO DIG WE GO...** to look for fossils at the Ash Grove Cement Quarry in Midlothian last January. Shells and shark's teeth were found as well as some

remarkable pieces of iron pyrite and other minerals. A big thanks to the folks at Ash Grove for allowing us in and to Francisco Pinta for leading us safely around.

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## NEST WATCH

*By Jennifer Zarate*

NestWatch is a citizen science program developed by Cornell Lab of Ornithology. Monitoring reproduction, nesting and survival of nesting birds are some of the data points collected. Nestwatch.org has the information for someone who would like to start this project in the backyard. A brief training program is available on the website to become a certified nest watcher. Nest watching is a simple process. Follow a few guidelines and choose which species to monitor. Then, select a proper nest box for your chosen species and you are ready to nest watch. This project is suitable for kids with help from an adult.

I monitor Purple Martins and Barn Swallows. This year, I will be adding Bluebirds to my monitoring project. My first year of monitoring, I observed 6 Purple Martin nest sites located in a single Purple Martin house. I observed and recorded 20 eggs, 12 hatching and 12 fledging. The exciting process helps teach the different nest building stages and the growth and development of the birds. For example, the Purple Martins begin by laying a neat straw nest. Right before egg laying begins both parents will add fresh green leaves to the top of the nest. If the female needs to leave the nest, she will hide her eggs under the leaves. The different stages of development are evident and fun to watch when monitoring. Nest watching offers the opportunity to learn at a closer level about the birds and to gain experience in data collection. My tool of preference when data collecting is my cellphone. I snap a picture and it is an easy reference when

compiling the data. The user can record the data on the website or the app.

If you already have a nest box or birdhouse for songbirds, it is important to nest watch. By monitoring regularly, it helps to prevent predation and/or competition from other species like the house sparrow, European Starling and the Brown-headed Cowbird. More predators like raccoons, opossums and snakes are a danger but nothing a pole baffle will not fix. Wasp and fire ants can also be problematic and something to be watchful of and help prevent infestation. Some may have the impression that monitoring will cause the birds to abandon their nest. However, this is not the case. Many species like Purple Martins, Barn Swallows and Bluebirds seem to be just fine with human assistance.

There are many options of species to monitor. Things to consider are the local habitat of the placement of the nest box and the particular type of nest box. The ones I monitor are common nesting birds. Other common nesting birds are Cardinal, American Robin, Carolina Wren, Chickadee, Tufted Titmouse and American Kestrel all of which are plentiful in Texas. Specific information is available on Nestwatch.org to help with choice of bird species and a proper nest box.

A study published in the journal of Science along with migration data and ground data indicates that bird population in the U.S. and Canada have declined 29% since 1970, this represents a loss of about 3 billion birds. Nest monitoring allows us to have a positive impact on songbird nesting success. Each spring one person really can make a difference.

# MEMBER

## PROFILE

### Matthew Bacon

By Debbie Pierce

**DP** Tell us a little about your life outside of Texas Master Naturalists.

**MB** Well, I work full time at Bank of America. Been there for almost 19 years. I met Maegan while working there, and now we've been married for almost 12 years. We have four children, Justice (10), Liberty (8), Jubilee (6), and Courage (4). Like most children, they're incredibly sweet and wonderful as well as crazy and infuriating. Maegan home schools them. Sometimes I get to shout helpful encouragements down the hallway to the children during school time. So outside of TMN, I'd say it's pretty busy, insane, and rewarding.

**DP** How did you become interested in Texas Master Naturalist? What projects do you enjoy the most?

**MB** At the Mother Earth News festival, the local chapter had their TMN booth. I had a little chat with them where they explained that even though I wasn't local to them, there were chapters all over Texas. I said thank you and took a pamphlet. When we got home, we started looking around the website and visited a couple chapter meetings. Loved it! As far as projects go, I really love Kachina Prairie. I love the work there, the progress there, the whole place. I love the workdays when I can find that sweet overlap of "not rained out" + "no demands from work" + "no demands from family stuff" + "my back says it's okay."

**DP** What nature/environmental issues interest you the most?

**MB** I'm still pretty new at it, so my biggest interest is

still learning all I can. I'd say I have a big interest in healthy land management, but that's so I can better take care of my own land and encourage it to be wilderness friendly.

**DP** What is the most rewarding thing about volunteering?

**MB** Oddly enough, it's the outreach. Some of you who know me may doubt this, but I HATE talking to people. Well, I hate talking to people I don't know. Especially when I don't know much about my subject. But as I'm learning more, it's getting easier. Then sometimes I'll just get going and good luck trying to shut me up. And it doesn't always happen, but when I see that gleam in the eye of that recipient of my tirade, I know I've made that connection, and here's someone who wants to truly do more and get involved.

**DP** When you're not involved with Master Naturalists, what types of things do you enjoy.

**MB** Board Games – Love them! From random luck to pure strategy. From worker placement to 4x. And now that the kids are getting older, we can have more than two players!

Camping – I've always loved camping, especially the idea of camping. But as I get older, it's getting much more difficult to get up from lying prone on the ground. So, as a mild acceptance of getting older, we recently got a new-for-us camper, and we're hoping the experience will be even better than a tent.

Knitting – Last year I realized that I spent too much time watching TV. Well, I'm not yet ready to go all-in and toss the TV, but I wanted to find something I could do so it wouldn't feel like a completely idle waste of time. Around the same time I was thinking this, I heard about a lady who was

offering some intro to knitting at the local library, and I started there. Now I'm doing a "temperature snake" where I change the color yarn depending on what the high is for that day. Does that make it naturalist related?



# MY FAVORITE STATE PARKS

By Eileen Berger

I first thought about camping in our Texas state parks after I became a Texas Master Naturalist. I was volunteering at Dogwood Canyon Audubon Center in Cedar Hill, Texas and discovered that I was interested in watching birds and identifying them. Since we Master Naturalists are sponsored by Texas Parks and Wildlife Department as well as Texas A&M AgriLife, I decided that I would try to visit as many of the state parks as I could. I was also interested in wildflowers and all kinds of plants, so that was something else I could enjoy in the parks.

In the spring of 2011, I started by visiting those parks that were close to home, but as you may remember, that was the year of the terrible drought, and it was also a very hot summer. Even if I left home very early in the morning, by the time I arrived in the park, it was almost too hot to be outside, and most of the birds were hiding out. I had camped out in tents several times back in the 1990's with my family in some of the parks, and reasoned that if I camped out, I could wake up early or stay out later in the evening and see more wildlife and birds. I started out camping in screened shelters, progressed to a truck tent, and finally bought my Forest River R-Pod in 2016.

Some of my favorite state parks are unfortunately the farthest away from Waxahachie, but that doesn't stop me. I love Davis Mountains State Park in Ft. Davis. The birding is great during any season whether at the new bird blind or on the trails, but I like to go there in spring and summer because of the abundance of wildflowers. You can visit without camping as there are several motels in the area, too. Don't forget to visit McDonald Observatory and the Chihuahuan Desert Research Center which has desert plants and many rare cactuses. The drive from Ft. Davis to Marfa to Alpine and back is an easy one-day drive with several great birding sites along the way.

Another of my favorites is South Llano River S.P. in Junction. Of course, the beautiful Llano River is the centerpiece and is a favorite for floating in innertubes, but the park itself is full of wild animals including a ringtail cat that I spied in the old barn near the great bird blind. At certain times of the year you may see flocks of wild turkeys which nest there each year.

For sheer numbers of birds identified in one visit, Lake Colorado City S.P. on Interstate 20 wins the prize. It is an under-visited state park or seemed so when I was there, but the moment I stepped out of my truck and heard bob-white quail, I was hooked. I saw 38 species of birds on my 3-day visit.

Lost Maples S.P. in Vanderpool sits on the Sabinal River. It is heavily visited during the fall when the big tooth maple trees are red, but I visited in January and saw few people, which is the way I like it. The hiking is great, and can be strenuous, but there are also easy walks.

Goose Island S.P. located in Rockport/Fulton is near Aransas National Wildlife Refuge, where you may view the whooping cranes during their winter visits. It is popular with fishermen as well as birders like me. It did receive extensive damage from the hurricane, so the campsites on the bay side are not available, but those in the oaks are open. I stayed there when I attended the hummingbird festival that occurs during September. Use plenty of insect repellent and I would recommend treating your clothes with the spray-on repellent before you come, as the mosquitoes are bad all year long.

Finally, Palmetto S.P. in Gonzales is small state park which has many structures built by the Civilian Conservation Corps during the Depression of the 1930's. The most striking feature of the park is the occurrence of the palmetto palms which shouldn't be there but are. Gonzales is in the Coastal Plains region, but the surrounding area looks like goat and cattle country. It only has 18 campsites which stay full. To book a site I would recommend that you look ahead five months to the date you wish to camp, count back exactly five months, and apply on that date. Good luck.



Hooded Mergansers



# MR. WEST'S NEIGHBORHOOD

*By Jim West*

The Common Yellowthroat, as near as I can tell, just isn't all that common. My Stokes bird guide says that they prefer dense underbrush. That would be a study in understatement.

I do much of my bird hunting from my car and one benefit of waiting for something to show up is all of the other wildlife I see while I'm there, bobcats, otters, wood ducks...

I have only seen one Common Yellowthroat in this same spot every year. Slightly smaller than a sparrow, this one has some white behind its eyes which may be an age thing as it isn't there in any photos from previous years, assuming this is the same bird.



## On Looking: Eleven Walks with Expert Eyes

Alexandra Horowitz, Scribner, 2013

**WHAT A FUN BOOK!** While walking her dog, Finnegan, around her familiar New York City block...down the street, three right corners and home again; the author Alexandra Horowitz realizes that she experiences almost an entirely different block than the dog. She began trying to see what her dog was seeing and smelling that was taking them so far afield so often. She determined to pay closer attention to the surroundings....and that led to an examination of what “attention” actually is. When you move to a new home, your senses are alert to the newness and differences in your environment. After a period of time you “fall asleep” to your environment. The familiar is forgotten not because nothing happens but because we fail to pay attention to the journey to begin with. Evolution has taught us that some things are good to eat, and some things are trying to eat us. At the most basic level we just need to be able to distinguish between these two categories and rest of the world....selective attention. In an effort to “wake up” she invites eleven “experts” to take the walk with her.

I wish she had explained how she chose the experts and it would have been good if they had all walked the same block, but that wasn't possible. Expert No. 1 was her 19 month old son, who made her realize that a walk is exploring surfaces and textures with finger, toe, and –yuck—tongue; seeing so many things a child has no concept or words yet to explain; and that a walk has nothing to do with getting from point A to B. Expert No. 2 was a geologist who pointed out that there are only two things on the earth: minerals and biomass (plants or animals), even asphalt pavement is just rocks, sand, and sticky stuff. Even the buckling of asphalt reveals something of the natural topography of the earth underneath. Geology is not just what is underfoot but also what surrounds us...buildings are like giant rock outcroppings with distinctive characteristics: minerals, grain size, the overall look. They even weather under the pressure of rain, water and time like all other rocks do.

Expert No. 5 was an entomologist, who pointed out

that few insects are humanitarians and that most are messy eaters, like to storm a place, live it up and rarely clean up after themselves...they shed their skin, excrete willy-nilly, plunder and pillage, and move on. He pointed out webs, egg cases, discarded exoskeletons, droppings, leaf mines, galls, mounds, and pieces of parasitized insects. Turned out they were looking for signs that insects were there as much as for the insects themselves. And the more they stopped in one spot and looked, the more they found of both.

The other experts included an illustrator, a typographer, an animal behavior researcher, a doctor (who diagnosed the aches and pains of everyone they passed), a traveler, a sound designer/engineer and her dog; each of whom made the author appreciate another aspect of the ordinary in her walk. My favorite was the public spaces designer, who studied the theater of the sidewalk: where people loitered, where they sat, how they negotiated walking past one another, how they queued up at a bus stop, etc. Looking at schools of fish, flocks of birds and armies of ants; there are three rules for navigation in crowds;

- 1) avoid bumping into others, while staying comfortably close.

- 2) follow whoever is in front of you and
- 3) keep up with those next to you. People pretty much follow the same avoidance, alignment and attraction rules instinctively with the exception that we prefer to look over the shoulder of the person in front of us instead of following directly behind. When traffic is moving in both directions on the sidewalk and collision seems imminent, the native New Yorkers know to do a little step and slide, turning slightly so they lead with a shoulder instead of their nose. Crossing paths may require one party to slow their step by a fifth of a second to avoid collision, this maneuver seems to be instinctive also. Of course, all of these rules have been totally abandoned by the phone gawker talker walkers. Sorry, my fault, Pardon me, Are you okay...

An expert can only indicate what they see; it is up to your own head to tune your senses and your brain to see it. There is no mandate; only opportunity. So, of course, I think it would be good to invite a few experts to walk at Mockingbird. I know a geologist and an entomologist...anyone know a ufologist out there who would like to walk the trail at Mockingbird Nature Park with me?

# TEAM+WORK

By Deborah Rayfield

I wonder if Emerson was watching a Blue Jay carrying acorns when he made this statement? Over the past few months, I've observed a group of Jays gathering the abundant acorns that have fallen under the oak tree in our front yard. The birds go about collecting the acorns methodically, flying first to the bare red bud tree, swooping down to the ground, securing an acorn in their bills, returning to the red bud, then swooping off to the north over the cedars along the fence line. They make an efficient work team, refraining from eating the acorns while "on the job." This gathering behavior would go on for thirty minutes or more, only interrupted if we ventured outside. What once was a large covering of acorns under the oak tree has been greatly reduced.

***"The creation of a thousand forests is in one acorn."***

*Ralph Waldo Emerson*

Research into this behavior brought a quick answer, the birds were caching the acorns for a later winter meal. Other birds do also this, with nuts and seeds, but Blue Jays are the stars when it comes to acorns. Remarkably, the jays have the ability to remember



where these hidden caches are, using landmarks like rocks, for locating the acorn. Of course, not every acorn is retrieved, leading the Blue Jays to be responsible for the majority of oaks sprouting each year.

The next time you stand under the canopy of a magnificent oak, somewhere away from the sidewalks of the city, look to the sky and listen for the harsh cry of the Blue Jay. Each caw will be a reminder of the wondrous ways of nature.



## PADDLING TOWARD THE MOON

By Jim Bush

Our paddles dip and swirl,  
water gurgles in our wake,  
the night gives way and we glide.  
All around the sounds blossom  
out of the dark silence.  
Chatter from the reeds  
the banjo bonk of frogs,  
low croak of a night heron,  
swish of wings though thick air.  
Up ahead, the ivory moon shimmers  
across the black water as we paddle  
toward that opening light.

**MASTER NATURALIST PROGRAM MISSION:** To develop a corps of well-informed volunteers to provide education, outreach and service dedicated to the beneficial management of natural resources and natural areas within their communities.

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## INDIAN TRAIL CHAPTER BOARD OF DIRECTORS

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President: Elaine "Muffi" Ruby..... [elaineruby@wgfhc.com](mailto:elaineruby@wgfhc.com)  
Vice President/Programs: Jessica Willis ..... [ndlsdrmr@yahoo.com](mailto:ndlsdrmr@yahoo.com)  
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Secretary: Jennifer Zarate..... [jen\\_zarate@att.net](mailto:jen_zarate@att.net)  
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## COMMITTEE CHAIRS

---

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Office Manager: Lois Lyon..... [loislyon@gmail.com](mailto:loislyon@gmail.com)  
Newsletter Co-editor: Madeline Kelley ..... [m.a.kelley@sbcglobal.net](mailto:m.a.kelley@sbcglobal.net)  
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Scholarship Chair: George Lawton ..... [micromanwaxa@yahoo.com](mailto:micromanwaxa@yahoo.com)  
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Publicity Co-Chair: Joe Mundo..... [joe@mundoandassociates.com](mailto:joe@mundoandassociates.com)  
State Representative: Pam Mundo..... [pmundo@mundoandassociates.com](mailto:pmundo@mundoandassociates.com)  
Training Chair: Rena Sutphin..... [renasutphin@yahoo.com](mailto:renasutphin@yahoo.com)

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## SUPPORT

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Social Media/Webmaster: Matthew Bacon ..... [matthew.bacon@gmail.com](mailto:matthew.bacon@gmail.com)  
Social Media: Josh Stanfield ..... [jstanfield00@gmail.com](mailto:jstanfield00@gmail.com)

---

## PROJECT CHAIRS

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Bullard Heights Neighborhood Park: Don Happ..... [donnahapp.happ@gmail.com](mailto:donnahapp.happ@gmail.com)  
Cerf Park Butterfly Garden: Chris Cook..... [chriscook17@sbcglobal.net](mailto:chriscook17@sbcglobal.net)  
CoCoRaHS: Carolyn Gritzmaker ..... [cgritzmaker@gmail.com](mailto:cgritzmaker@gmail.com)  
Kachina Prairie: Jim Patak ..... [jpatak@sbcglobal.net](mailto:jpatak@sbcglobal.net)  
Matthews Park: Wendy Shappard ..... [wendyshappard@gmail.com](mailto:wendyshappard@gmail.com)  
Mockingbird Nature Park Butterfly Garden:  
Mockingbird Nature Park: Elaine "Muffi" Ruby ..... [elaineruby@wgfhc.com](mailto:elaineruby@wgfhc.com)  
Project Wild: Rebecca Schumacher ..... [rebeccaschumacher@sbcglobal.net](mailto:rebeccaschumacher@sbcglobal.net)  
Urban Forestry: Josh Stanfield

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## VOLUNTEER OPPORTUNITY LIAISONS

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Botanical Research Institute of Texas (BRIT): Debbie Pierce..... [debbiekpierce@att.net](mailto:debbiekpierce@att.net)  
Dogwood Canyon Audubon Center: Michaela Kral ..... [michaelarkral@gmail.com](mailto:michaelarkral@gmail.com)  
John Bunker Sands Wetland Center: Don Happ ..... [donnahapp.happ@gmail.com](mailto:donnahapp.happ@gmail.com)  
Trinity River Audubon Center: Kayleigh Medeiros..... [kmmedeir89@gmail.com](mailto:kmmedeir89@gmail.com)

*The mission of this newsletter is to inform, educate and entertain  
Texas Master Naturalists and their circle of friends.*

# March 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3 Texas Wildlife Assn. L.A.N.D.S. TRP Panther Island	4	5 Texas Wildlife Assn. L.A.N.D.S. Intensive <u>Leo</u>	6	7  BRIT
8 Daylight Savings Begins Clocks Spring Ahead!	9 MN Newsletter Deadline to turn in Articles	10	11	12	13	14 Mockingbird Park Wildflower Walk NHG: Tomatoes! 9:30 am
15	16	17 Texas Wildlife Assn L.A.N.D.S. TRP Panther Island	18	19 Texas Wildlife Assn. L.A.N.D.S. TRP Panther Island *****	20	21 NHG/Spring Gardening 9:30am NHG/Botany w/Dana Wilson 1:00 pm
22	23 MN Monthly Meeting Tabernacle Church Ennis	24 Trinity Wildlife Assn. L.A.N.D.S. TRP Panther Island	25 TXAgrLife/W.U. Landscape CPR in Plano	26	27 L.A.N.D.S. TCC NW Campus <u>11:30 – 4:00</u> <u>EXPO Set-UP</u> <u>Bioblitz/Bardwell</u>	28 Ellis County EXPO Civic Center Waxahachie  Bioblitz/Bardwell
29	30	31	1	2	** 3	4

Bioblitz @ Lake Bardwell	Bioblitz @ Lake Bardwell	Bioblitz @ Lake Bardwell			Bio-Blitz at Lake Bardwell from March 27 – April 3 *****	
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## APRIL 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
29	30 ***** Bio-Blitz at Lake Bardwell March 27 to April 3rd *****	31 Thursday, April 16 L for L - \$14 Wax. HS Career & Technology Dept. Cut Water Bill in	1 Bioblitz @ Bardwell	2 Texas Wildlife Assn. L.A.N.D.S. Intensive Make-Up Day	3 Bioblitz @ Bardwell	4 <u>BRIT</u> NHG/9:30 am Tomatoes! Free Class
5	6	7 Texas Wildlife Assn. L.A.N.D.S. TRP Panther Island	8	9 Texas Wildlife Assn. L.A.N.D.S. TRP Panther Island	10	11 Mockingbird Park Wildflower Walk
12	13 Practice Wildflower Walk @ Kachina	14 Texas Wildlife Assn. L.A.N.D.S. Intensive AG Center	15 Taxes Due	16 <u>.PFSG – 6:30</u> L.A.N.D.S. Intensive AG Center	17 Ennis Bluebonnet Festival	18 Ennis Bluebonnet Festival Dogwood Native Plant Sale 10 am
19 Ennis Bluebonnet	20 ITMN Board Meeting	21 Texas Wildlife Assn. L.A.N.D.S. Intensive AG Center	22 EARTH DAY	23 Texas Wildlife Assn. L.A.N.D.S. Intensive AG Center	24 ARBOR DAY	25 Dogwood Audubon Workday 9-noon
26	27	28	29	30	1	2

<b>Ellis County Rural Heritage Farms Prairie Life &amp; Wildflower Adventure</b>	<b>ITMN Monthly Meeting</b>	<b>Texas Wildlife Assn. L.A.N.D.S. Possible Make-Up Date</b>		<b>Texas Wildlife Assn. L.A.N.D.S. TRP Panther Island</b>		
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L.A.N.D.S. Intensive  
Leo Ranchnnn

## MAY 2020

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
26	27	28	29	30	1	2
3	4	5	6	7 <b>Texas Wildlife Assn. L.A.N.D.S. Intensive</b>	8	9 <b>Mockingbird Park Wildflower Walk ***** Eureka Herb</b>
10	11	12	13	14 <b>Texas Wildlife Assn. L.A.N.D.S. Intensive</b>	15	16
17	18	19 <b>Texas Wildlife Assn. Quail Program Eagle Mountain</b>	20	21 <b>Texas Wildlife Assn. Quail Program Eagle Mountain</b>	22	23 <b>Dogwood Audubon Workday 9-noon</b>
24	25	26	27 <b>Texas Wildlife Assn. L.A.N.D.S. TRP Panther Island</b>	28	29	30

31	1	2	3	4	5	6
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