



INDIAN TRAIL MARKER

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

Fall
2019

From the Desk of the **PRESIDENT**

Elaine "Muffi" Ruby

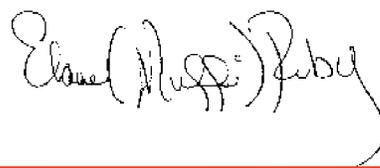
AS WE ARE ENTERING INTO THE FALL OF 2019, our hope is that the horrific heat is behind us and that we will begin to be able to get back outside and work in our gardens, take pictures of the beautiful plumage of our local birds, and go camping to our Wonderful National and State Parks.

We, as Master Naturalist's, have a hand in the public's everyday interactions with nature. We play a key role during scheduled outreach events by educating the public concerning natural resources, wild flowers, and conservation, archeology and the list is limitless, even though we don't know everything.

Our 2019 Class started on August 20, with 17 new Master Naturalists. The Texas State Master Naturalist Annual Conference is in Rockwall, Texas this year and will be held October 18-20, and our Indian Trail chapter is responsible for Registration. Also very exciting is that Ellis County is celebrated by having a tour of Kachina Prairie in Ennis, a wildflower walk at Mockingbird Nature Park in Midlothian, and the Fossil Tour at the Quarry of the Ash Grove Cement plant.

All these events are in our immediate area and are scheduled as part of the 2019 State Conference.

Join us this fall in all the activities we as Master Naturalist's enjoy sharing and teaching about being in Nature.



Monarch Rodeo

By Jim West

You may recall a few years ago that I went to Acton to help out the Rio Brazos chapter tag Monarchs during their migration. That opportunity is now open to our chapter, thanks to the efforts of Madeline Kelley. All of that information is at the end of this newsletter for your perusal. To find out what my experience was like, it's on the next page, reprinted from the JBS Wetlands newsletter. Over twenty ITMN members had signed up to be Monarch Butterfly taggers so drag out your running shoes, here's your chance.

We had lots of events this summer in spite of the heat, most of which are covered here.



COVER: Grub Hub (literally). Red-bellied Woodpecker parents hustle to get their chicks fattened up and self-sufficient. They need the break. They've gone back and forth to a wood about 1/4 mile away, bringing back pretty much anything that crawls, all day long.

ROYAL FLUSH

Or, how to catch and tag that Monarch of butterflies, the Monarch, with the Rio Brazos Master Naturalist chapter whereby, 108 Monarchs were caught and tagged, a number of Queens and Fritillaries were traumatized and a good time was had by *(almost)* all.

Photos © Jim West

By Jim West

The Rio Brazos chapter of Texas Master Naturalists over in Hood County needed a little assistance with their third annual Monarch tagging event at the Acton Nature Center October 10th and 11th. I was able to go and, being retired, I thought it best for me to go on Friday as I have no job to take off from like many others would have to.

So, here's how it went for me. They assigned me an enthusiastic teenager whom I could send charging through the briars, cacti, snakes and chiggers with a net to flush them out and catch them. After a couple of failed attempts, I explained to him to; A. Wait until they land. B. Make sure that your shadow doesn't reach them before you do and, C. That is a net in your hand, not a sword, their capture rate goes way up.

Once in the net, you grab their wings between your thumb and forefinger, like a pinch of Copenhagen, put this little adhesive sticker on their hind wing and pinch it lightly. The heat from your fingers will set the adhesive in a few seconds and then just let them go.

The event was deemed a success. It was indeed educational and fun. Maybe the Wetland could hold one next October. A Monarch Rodeo.



I shot these photos down the road from my house the following Monday. I took an informal census and came up with about 1,200 an hour going by me.

**Reprinted courtesy John
Bunker Sands Wetlands**



MEMBER P | R | O | F | I | L | E

Debbie Pierce

By.....Debbie Pierce

What activities do you enjoy when you're not busy with chapter programs?

DP: When I am not busy with chapter activities I am still busy. I love to read and I am always reading at least two books at the same time and I belong to a book club. Book club expands my horizons because I read books I never would have chosen myself.

I work in my garden and my hothouse. My hothouse is filled with Aloe Vera and airplane plants, ivy, and begonias. In the garden I have onions, asparagus, tomatoes and peppers. This year I also planted a blueberry bush and a blackberry vine. I am looking forward to having berries to eat next year.

I enjoy traveling. I like to camp and especially enjoy the wilderness. I enjoy the solitude and the sounds of silence and the sounds of nature.

Three times a month I deliver for Meals on Wheels. On Friday afternoons I take art classes.

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

DP: I learned about the Master Naturalist program via

an email my husband received. I did some research and decided it would be a worthy thing to spend my time on. I enjoy my time working at Dogwood Canyon.

Because I volunteer at Dogwood, I have a new appreciation for turtles as well as snakes and salamanders. They each have their own unique personalities.

Volunteering at BRIT is fascinating to me. I am always amazed at the plant specimens and how well they are preserved.

What nature/environmental issues interest you the most?

DP: Habitat loss is an issue that hurts my heart. I would like to see programs to better educate people and address the issue for change.

I don't believe in wasting anything. So recycling is another issue that I actively participate in.

Recently I started collecting Styrofoam to recycle. It is surprising how much you can collect in just drinking cups.



DID YOU KNOW?

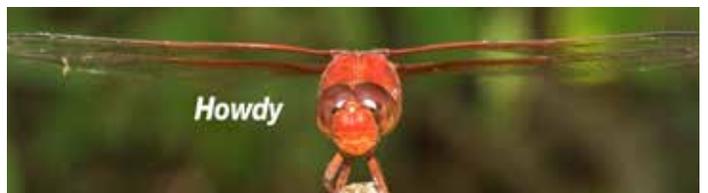
By Debbie Pierce

Our Fall training classes began on August 20, 2019 and will run through November 12, 2019 from 6:00pm till 9:00p. If you missed a class or would like a refresher on a specific topic, this is your opportunity. The training schedule was sent to everyone via email and is also on our website for reference.

There are 17 trainees and I would encourage everyone to seek out the new class members and get to know them. They will be attending meetings

and other chapter activities, so please introduce yourself and make them feel welcome.

Let us not forget to acknowledge our guests and make them feel welcome as well. Here's a thought, consider forming a team, 2 or 3 of our members, to greet guests at the door and introduce them to one or two other people. If there are other thoughts or ideas that could be implemented to acknowledge our trainees and guests better please let us know.



Summer Social



By Madeline Kelley

How do Indian Trail Master Naturalists get some relief from weeding, making bowls, creating crafts, hauling “stuff” around, walking in the heat? They go to a summer social at Rena Sutphin’s house on the lake in Corsicana, eat some great food, drink some cold drinks, and tell stories to one another. Everyone who attends brings some dish and their drinks.

There are no power point presentations, no minutes to take, no voting on projects....just a relaxing time at a very giving couples house in a beautiful setting. There’s even a boat dock where one can fish.

The Sutphin’s have provided this space for several years to the ITMN and their families at the beginning of summer and I, for one, am thankful we have this social time together.

Giant Swallowtail © Jim West



Making Bowls



By Charlie and Paul Grindstaff

Back in January when we first started talking about what ITMN could do for the 2019 Annual State Meeting in Rockwall, we were in the middle of creating centerpieces for the Ellis County Volunteer Dinner. So naturally centerpieces for the State Meeting came up in conversation. From there it was a quick jump to "Would Paul turn wooden bowls?" and let's use nature quotes somehow. Well, yes, Paul would if chapter members would help. After receiving enthusiastic approval from Michelle Haggerty and Mary Pearl Meuth for those ideas; chapter members have indeed helped.

Sharon Lane found a large mesquite tree on her ranch of the necessary size; Don Happ (until his allergy to mesquite kicked in and sent him to the doctor) and Aaron Gritzmaker helped saw the tree down into workable sized pieces, while Eileen's grandson Connor and Sarah's son John did the heavy lifting to load the trailer. Their youth and strength were greatly appreciated.

Then after drying the wood, the turning, sanding and lacquering began. Again, members have been extremely helpful and generous with their time. Sharon, Aaron, Jim Patak, Sandra Minatra, Jim Bush, Sandy Ashbrook, Matt Bacon, Sarah Gouge, Elaine Ruby, Dianne Frossard and Dawn Wheeler have

completed and turned over to the centerpiece committee 39 bowls to fill and 240 cardholders. 6 more bowls are near completion and we are awaiting confirmation of the total number that will be needed. Three cardholders will be placed on each table; two will hold cards with the State Meeting logo on one side and a nature quote from our "Soul Deep in Nature" booklet on the other side. The third cardholder will hold a nature photograph taken by a chapter member.

The centerpieces will be sold at the State Meeting with all of the proceeds going to the Endowment Fund

When asked for comment about this project, Paul said it has been fun working on the bowls with so many members and that he thanks all of them A LOT. Together we can do anything!



Notable NATURE

Nature Journaling 101

By Matt Bacon

On August 10th, my family and I went to Cedar Hill State Park. They offered a class called Nature Journaling 101. We found the event through their Facebook page. The event stated it would be held at Perch Pond. We had never been to the park before, so I thought Perch Pond would just be some little side parking lot by the entrance. This was not the case. The park is huge. But with maps and good signage, we were able to find the right location for the class.

The class is well named 101, because it is a basic intro targeting families. Ranger Dani, our guide, explained to us that one of the wonderful things about nature journaling is that each person can do it as they desire. There is no exact formula that must be followed. Maybe we want to sketch a beautiful landscape. Maybe we want to draw details of a particular flower. Maybe we just want to write out how experiencing nature in a certain location makes us feel. It's not about skill, it's about expression. Journaling is not submitting drawings or ideas for review. It's personal and can be as abstract or as detailed as one desires.

After Ranger Dani's explanation of what we can put into our journals, she explained how to make them. This portion was really geared towards the children, but the adults liked it, too. I thought it was a great method



of outreach to kids, although the supplies could get pricey.

We liked the journal making so much, Maegan used the process in her class. She is teaching a class titled The Art of Nature with the Kaufman homeschool co-op. The class is made up of twelve 6-10 year olds. For their first class, all the students made a journal using this method. Then each student drew a picture of their favorite nature scene on the inside cover. Maegan used the following recipe.

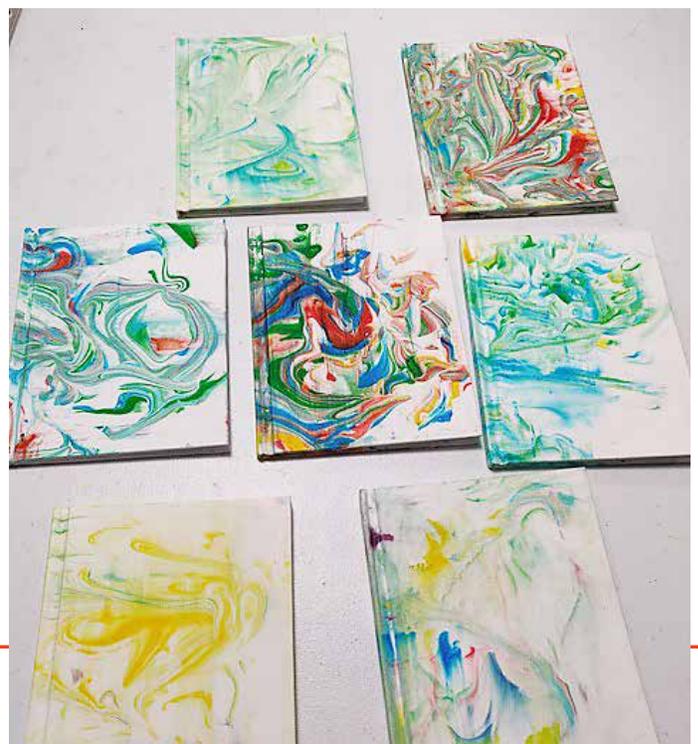
SUPPLIES:

- Large, flat pan, such as a cookie sheet
- Shaving Cream
- Food Coloring
- Journal with a Blank Cover (such as found at barebooks.com)
- Something flat and firm, such as a thick strip of cardboard
- Something with which to stir, such as an old plastic knife or a stick

INSTRUCTIONS:

1. Spray a thin layer of shaving cream, covering the bottom of the pan
2. Drip a few drops of whichever color(s) you want
3. Use the stick to slightly swirl the colors together – be careful not to overmix the colors
4. Place the covers of the journal into the colored shaving cream completely
5. Remove the journal and scrape the excess shaving cream into the trash with your firm scraper
6. You might need some paper towels to blot up any leftover shaving cream chunks
7. Happy journaling!

Here are some great examples of the artwork created.



Waxahachie Farmer's Market

By Madeline Kelley

Farmer's markets are popping up everywhere. People are shopping for homegrown veggies and communities across our area are offering small local farmer's markets.

In June Indian Trail Master Naturalists had booths at Ennis (Joan Mahony, Matt & Maeghan Bacon); Waxahachie (Sandy Ashbrook & Debbie Pierce) and Midlothian (Elaine Ruby & Sarah Gouge).

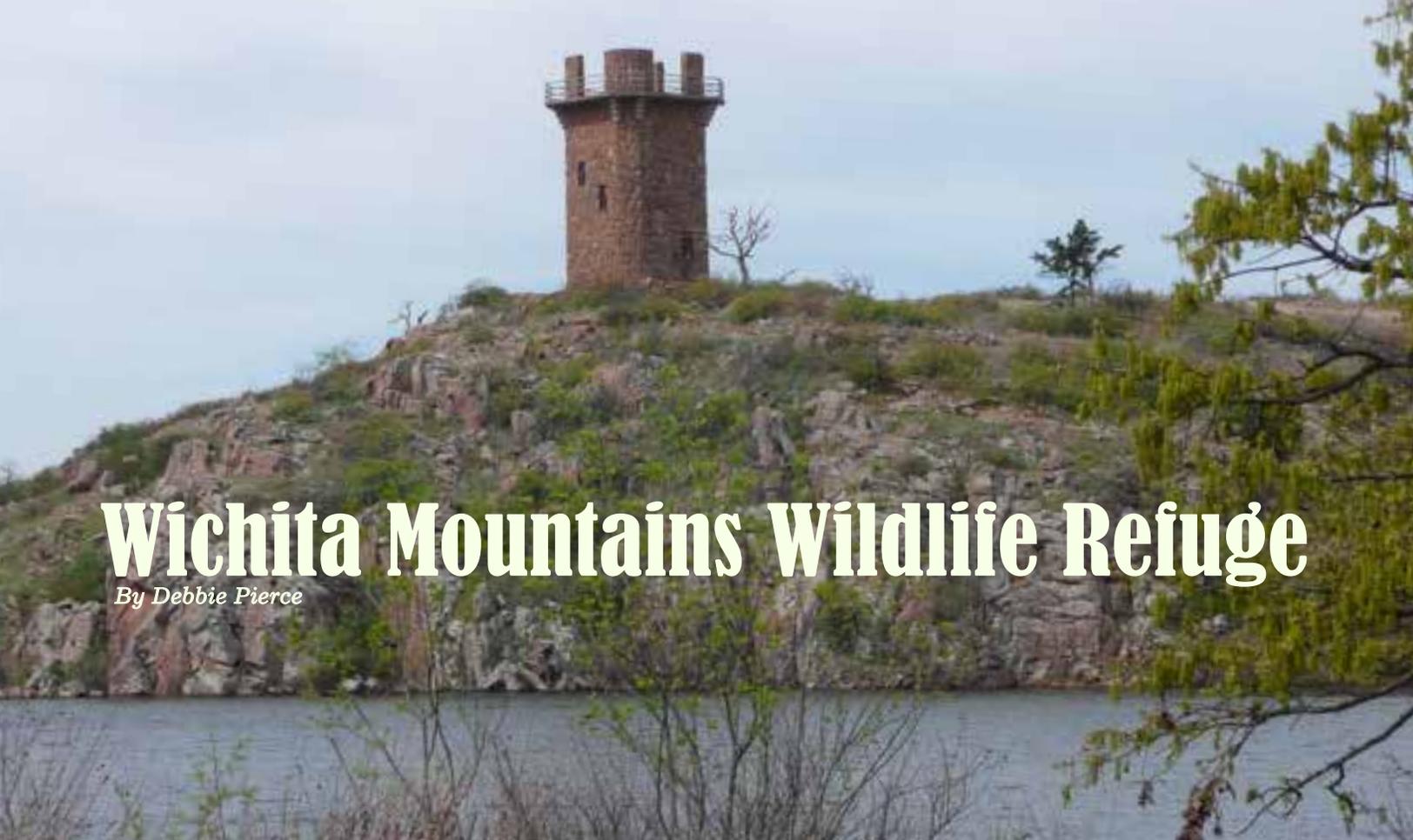
In July Paul and Charlie Grindstaff along with Kathleen Mack had a good time at the Waxahachie Farmer's Market. They hosted 37 children and 27 adults. The toilet paper roll kaleidoscopes were a big hit with the kids. Being in the airconditioned building was a big hit with the adults!

In an article in the local newspaper the comment was that Master Naturalists always bring exciting outdoor experiences to the market while teaching young people how to care for plants and wildlife while helping our world.

ITMN will be looking at providing activities at other local farmer's markets in the future.

The Board also voted to do three outreaches per city per year for Farmer's Markets in Corsicana, Ennis, Midlothian, and Waxahachie. So, get ready for the action!





Wichita Mountains Wildlife Refuge

By Debbie Pierce

In April of this year I went on a camping trip to Wichita Mountains Wildlife Refuge and had a great time watching the wildlife there. On the first night in camp at dusk, there were lots of different animal sounds birds, crickets, turkeys and others that were unidentified. Turkeys gobbled and coyote howled near by. At first they called individually first one group and then another. Then as if they had a music director, turkeys and coyote suddenly began to sing together a duet in perfect harmony. It was amazing! I listened every evening at dusk for a repeat performance. Unfortunately, that did not happen.

Wichita Mountains Wildlife Refuge is located in Indianahoma, Oklahoma approximately 235 miles from where I live in Oak Leaf. It is one of the oldest and most prestigious national wildlife refuges in the United States. It encompasses 59,020 acres of mixed

native grass prairie and the wildlife that call it home. In 1901 it was set aside as a forest preserve and a game reserve in 1905.

The refuge is good for picnicking, hiking, photography and fishing. The visitor center has a great exhibit on wildlife and the ecology of the area. Be alert and careful when you visit. It is open range here so buffalo and longhorn cattle are sometimes on the road and copperheads and rattlesnakes are common. There is a large Prairie Dog Town with lots of prairie dogs. They are cute and fun to watch. Other animals we saw were turkey, roadrunner, chickadee, turkey vultures, scissor tail, geese, buffalo, longhorn, deer, coyote, tarantula and bats.

Another interesting place in the park is Holy City. There is a chapel and other buildings made of cobblestones. The passion play is performed there



continued from previous page

every year on the grounds and admission is free.

The Ferguson's old homestead site is inside the park. Rancher, Ben Ferguson and his family lived there from 1927 till 1942. After the park was proclaimed a reserve, ranchers in the area continued to retain grazing rights. Fees were required for each head allowed on the pastures. Ben Ferguson was one of the ranchers who took advantage of the concession to cattlemen and ran cattle on the reserve until grazing rights ended in 1937. The Ferguson house stands today as a monument to the cattlemen who once grazed thousands of cows on the Wichita Mountain Reserve. In 1981, the homestead was listed on the National Historic Registry.

In many native cultures, the people were known for where they lived. The name Wichita comes from the native "weets" or "manandee-taw" meaning "of the north". These words originated 4,000 to 10,000 years ago. The Wichita people believed their ancestors rose from the rocky points of the mountains.

Outside the park is a town called Medicine Park. It is a quaint tourist town about 9 miles east of the park. Cobblestones are everywhere. They range in size from 4 inches to 8-10 inches. There are cobblestone houses, businesses, as well as fences and walls.

The Museum of the Great Plains, located in Lawton, Ok. is about 27 miles from the park. It is an awesome museum. There are lots of hands on exhibits for kids young and old.

The Comanche National Museum and Cultural Center is also in Lawton, Ok. In the gallery there is a multimedia canvas of Johnny Depp created by Johnny Depp. After asking a few questions, it turns out Mr. Depp is indeed an artist and has been adopted into the Comanche Tribe.

So, whether you are an avid animal watcher, a history buff or simply a fan of Johnny Depp, Wichita Mountains Wildlife Refuge has something for everyone. It is a land full of nature, historical significance and ancestral pride. I am looking forward to my next visit!

Parktopia

By Elaine Ruby

Midlothian's First Annual Parktopia began at 5:00pm on July 26, 2019 at the Midlothian Community Park. What is Parktopia, well it is Midlothian's way of partnering with Midlothian City Parks and Recreation Department and the Midlothian Community to celebrate National Parks and Recreation month.

Everything was focused on Natural, Native, and down to earth old-fashioned fun.

When we arrived at the Midlothian Community park we discovered sidewalk chalk, kites we could fly, pick-up sticks, as well as checkers to sit with your friend and just play, there was face painting, and a balloon wizard who was making all sorts of animals and other fun things to play with like pirate swords.

The ITMN Naturalist Chapter was there with educational information about how trees benefit the environment and had an activity for the kids decorate tree cookie necklaces. The Midlothian Fire Department brought a fire truck that was at the park spraying water for anyone to get soaked if they wanted. The snow cone truck was ready and waiting for your ticket that you got at the main tent and there was pizza for everyone. All events and food were free!!

The families enjoyed the evening with friends and many children playing at the park playground and getting a snow cone and a piece of pizza and getting their face painted and making a tree cookie necklace. The Police and Fireman were present to play and interact with the community. Everyone had such a great time...thanks to Midlothian Parks and Recreation.





MR. WEST'S NEIGHBORHOOD

By Jim West

A friend called me to let me know about a family of Red-bellied Woodpeckers that had set up camp in a tree that he had planned to cut down. I told him what was going on and he left the tree so they could raise their family and I could watch. When I first started, I could see them coming from a woods across the field. They would fly all the way around so that they could

land on the other side of the tree from me. After a while they got used to me parking under their tree and treated me like you'd treat wallpaper.

The last few days before their two young fledged, they were coming in with food about every 3-4 minutes, even during the hottest part of the day. They even took the time to attend to the unpleasant task of removing the chicks' waste from the nest (*top*) and dropping it a ways off.



NATURAL reads

By Bob Strom, Managing Editor National Wildlife/ International Wildlife

Strictly for the Chickens

Fran Hamerstrom's poetic language makes *Strictly for the Chickens* a delightful narrative one of the most absorbing nature books I've ever read.

A lighthearted account of a half a century as a wildlife biologist is re-counted by Fran Hamerstrom. Together, with her husband Hammy, Fran set it out to study the nearly extinct prairie chickens of central Wisconsin in the 1930s.

Originally from Boston, the Hamerstrom's share a common love of wildlife and of roughing it. Their mutual dedication to what became a fascinating and absorbing life work has buoyed them through the trials and triumphs encountered in the Wisconsin wilds. Fran's irrepressible humor brightens some otherwise daunting experiences, such as their first long winter in Wisconsin in a ramshackle house full of mice.

Along with one amusing anecdote after another, Fran imparts a good deal of scientific lore and regional color. They begin their pioneering work during the Depression, and the local attitude was generally hostile toward any government interference. The Hamerstrom's first had to convince the people that they weren't game wardens.

Then as students under the great wildlife biologist, Aldo Leopold at the University of Wisconsin the Hamerstrom's received a field assignment to research prairie chickens. They became great improvisers and

built chicken blinds from an old circus poster and a bedspread salvaged from the town dump.

After a time Fran and Hammy bought a rundown old farmhouse that was a former mansion (it even had a ball room!) They settled down to continue their research and raise their family.

By 1950 their research was flourishing to the extent that they needed outside help to collect data during the "booming" season. Out went a call for free assistance and the response was great and an amazing variety of people volunteered their efforts and so began the "boomer" phase.

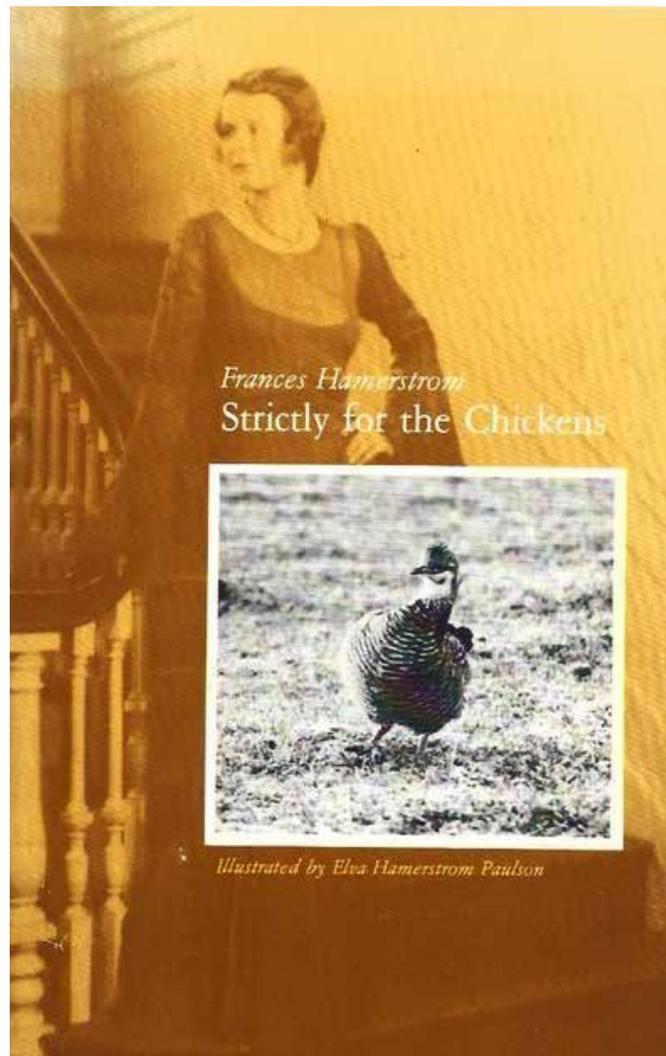
The Hamerstrom children dubbed the old house Grand Central West and Fran harkens back to her

parent's aspirations for their only daughter to become an international hostess—little dreaming how this would be realized. The house was filled with seasonal boomers as well as "gabbons" or apprentices and visiting scientists. Some hilarious mishaps occur with such a motley crew of well-meaning amateurs mixed in with the trained scientific researchers.

The work goes on and the prairie chickens of central Wisconsin are no longer in danger of joining the dodo on the extinct list thanks in large part to the unflagging efforts of their effervescent Fran and her Hammy. Enjoy this vivid first person story by one of a kind woman.

Fran Hamerstrom, high school dropout, went on to receive a B.S. degree from Iowa State College under Paul Errington, a M.S. from the University of Wisconsin

under Aldo Leopold and a honorary doctorate from Carroll College. One of the earliest woman wildlife biologists, she is listed in the "Worlds Who's Who of Women (4th ed.) and American Men and Women of Science (14th ed.) She has received numerous awards from wildlife organizations.



Saving Bluebird Habitat

By Don Mitchell



Photos © Jim West

In keeping with the mission statement of master naturalist the Indian Trail Master Naturalists have developed several projects which are as broad and diverse as its members while staying within the guidelines to “provide education, outreach, and service dedicated to the beneficial management of natural resources and natural areas within communities of the state of Texas”.

One such project is building nest boxes for native cavity nesting birds. Having met Rex Reyes, fellow ITMNER, in 2013 and discussing habitat loss in Ellis and Navarro counties, I became aware of The Texas Blue Bird Society and Rex’s involvement in that organization. The Bluebird Society is trying to provide habitat for bluebirds that were threatened to become extinct due to loss of their normal nesting places, namely tree cavities.

In June 2014 the ITMN board approved helping

The Texas Blue Bird Society in our area by building nest boxes to their specifications and help store and distribute them. Most of the boxes you see at the Ellis

County Garden Expo were built by ITMN. Within the last five years ITMN have assembled stored and transported hundreds of nest boxes in the area.

Each year The Texas Blue Bird Society determines how many boxes they are to build statewide. At this time, they have about five certified builders across the state. The Texas Blue Bird Society furnishes the material and determines how many boxes are to be built by ITMN based on area demand and storage space.

Once the material arrives, the wood is cut to size by Don Mitchell, Tavis Edwards, and Jack Dunaway. The boxes are assembled by volunteers most of whom are ITMN. Building the boxes is the most enjoyable part of the project. Everyone is welcome, especially those who can operate a screw gun. We usually work in groups of two, at our own pace. Plenty of food and drink is available in a casual atmosphere. The only downside is the project only last a few weeks each year and varies due to the number of boxes being built, the weather and other variables.



Aaaand, he dropped it.

About 8' above the aforementioned woodpeckers was a family of Lark Sparrows who pretty much escaped my notice as well as that of the woodpeckers.

Midway up the tree between them and the woodpeckers, a pair of Scissortailed Flycatchers began a nest but decided there was too much commotion for one tree and they left after a few days. JW



Audubon for Everyone...

A snapshot into the National Audubon Convention in Milwaukee, Wisconsin

By Katy Christman

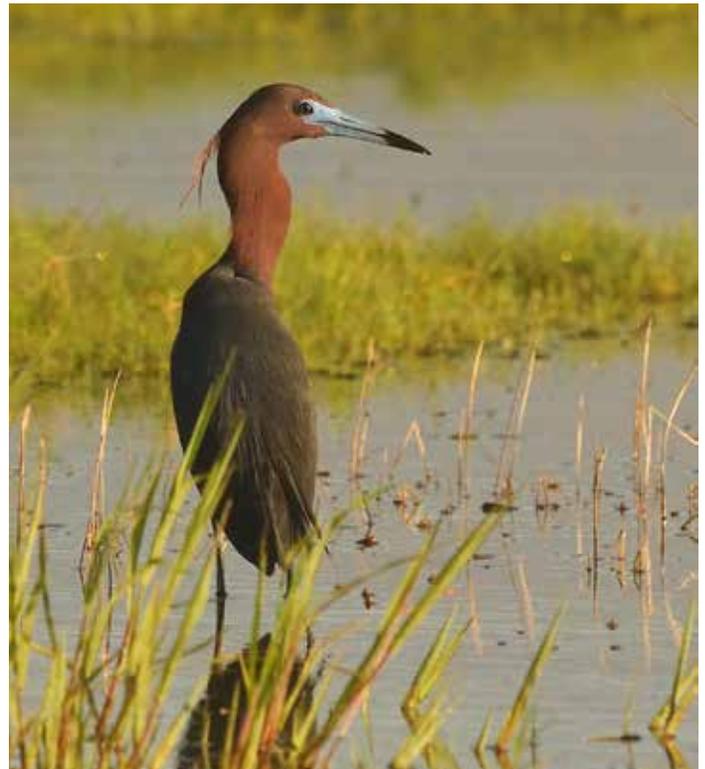
Milwaukee, Wisconsin. The land of cheese curds, beer, Harley-Davidson motorcycles and this year's National Audubon Convention. Occurring every two years, the opportunity to attend was sponsored by the Audubon Dallas chapter, one that I couldn't turn down. Staff, chapter members, board members and students gather together to celebrate the success and discuss the challenges that we (and birds) face as an organization.

While it is overwhelming to be embraced by over 500 people at a conference, the energy that permeated throughout the conference was contagious. "Audubon for Everyone," was the over-arching theme that was woven in to our guest speakers, presentations and engaging sessions. One of our guest speakers, Winona LaDuke, who passionately spoke about her activism at Standing Rock, expressed the notion that as we advocate for environmental issues, we are also advocating for the rights of the people involved with those issues.

As an educator and a volunteer Master Naturalist, I want to encourage "everyone" to be involved with the things that we're doing. I was challenged at many of these sessions to rethink what that means. How am I

incorporating an environment that builds relationship with my local communities? How am I engaging my communities with the programs that are being offered at Dogwood or through the volunteer work that I do?

If you're interested in attending, the National Audubon Convention will be held in July of 2021 in Washington State.



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>

Monarch Tagging Project

By Madeline Kelley

In July the ITMN board approved a new project for the chapter....participating in the Monarch Watch program through the University of Kansas. When I was a member of North Texas Master Naturalists I got involved with the Monarch Watch program.

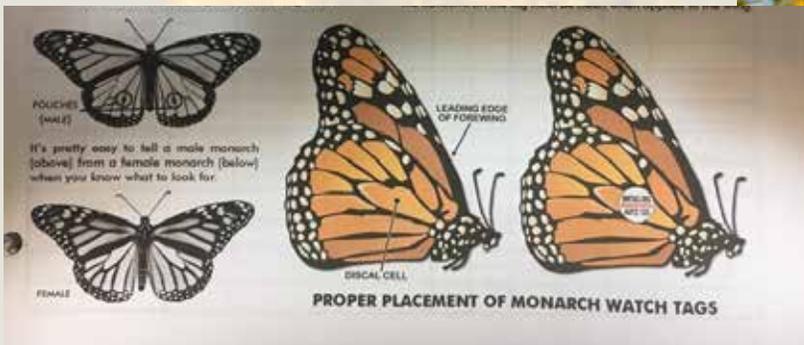
ITMN chapter graciously allowed me VH time to continue this project when I changed my membership to ITMN—to avoid “Dallas traffic”. The project person with NTMN, Ellen Guilling, suggested ITMN take on the project and that I could be the facilitator. So, we are starting our new program as soon as the tags arrive. Two hundred tags were ordered in early August for the 23 brave souls who volunteered to do the tagging. They are: Sandy Ashbrook, Maegan Bacon, Matthew Bacon, Laura Beattie, Eileen Berger, Jim Bush, Chris Cook, Travis Edwards, Dianne Frossard, Sara Gouge, Denise King, Sharon Lane, Lois Lyon, June McDarby, Cheryl Michael, Sandra Minatra, Debbie Pierce, Carolyn Ross, Elaine (Muffi) Ruby, Kathy Rushing, Amanda Weatherly, Jim West and Jennifer Zarate. I will also be tagging.

A presentation was made at the July meeting about tagging monarchs and those in attendance who were interested signed up to do the tagging. If you missed the meeting and want to tag, let me know.

If you see folks running around in your neck of the woods hitting at flowers and bushes with big nets, they are not trying to catch fish....they are trying to “gently” catch the beautiful monarch butterfly. They will then place a small round tag (about the size of a pencil head) on the lower wing. Hopefully they have recorded the number of the tag on a sheet of paper before tagging the butterfly. The butterfly is then released to travel on its’ journey south. The tagging datasheet is mailed to the Monarch Watch in Lawrence Kansas or it can be logged in online.

The normal tagging time for our latitude is between August and November. Every year is a little different. Sometimes the butterflies are in our area in July; sometimes it has been as late as October. I see them most often on my butterfly weed flowers and zinnias. They also like my salvias, vitex and frost weed (see above). I have found their caterpillars on my milkweed. A show and tell presentation were made at the August meeting how to tag the butterflies. You can also learn much more about this project at www.monarchwatch.org

Hopefully the monarch you tagged makes it to its’ wintering place in Mexico. You can actually determine if your tagged butterfly made it by checking out the monarch website as they list, by number, the ones that made it. All of this so we humans can have food to eat!



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.

INDIAN TRAIL CHAPTER BOARD OF DIRECTORS

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