

The Tracker

The Central Texas Master Naturalist Newsletter

October 2013

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Photo Banner by Zoe Rascoe is Gayfeather blooming in a Temple Prairie. See story on page 4.

Calendar at a Glance

Check out "On the Calendar" on page 16.

October 8th, 6 pm, CTMN General Meeting, Belton Church of Christ, see page 15.

Bird Fest, October 12th, Lake Waco Wetlands, see page 15.

Texas State Master Gardener Conference, October 25-27.

CTMN's Complete Advanced Texas Stream Team Training

- Patricia Wyman

On Saturday, 7 September, a large crowd gathered at the Waco Wetlands to become advanced Texas Stream Team water quality monitors. Most trainees are currently sampling water at their designated sites, but this extra training allows them to now check their water for its nitrate, phosphate and E. coli levels. This additional information will be loaded into Texas State University's database painting an even more



Kevin working with his samples.

accurate picture of the state of Texas waters and assisting scientists and other professionals in diagnosing and treating the problem waterways.

The training was led by Travis Tidwell, who is Texas State's Stream Team Monitoring Program Coordinator. He presented the class with an overview of our state's 6313 sub-watersheds that eventually drain into our tributaries, creeks, larger water

Continued on page 6...

Chapter Motto

**Earth Day,
Every Day**



From the President's Pen

Goodbye to Summer

We have now crossed the Autumnal Equinox off the calendar for 2013. The word *equinox* comes from the Latin words for "equal night." The fall and spring equinoxes are the only days of the year in which the Sun crosses the celestial equator. The days are getting shorter and there is change in the air and on the ground.

Fall is always welcome to me because of the changes that come with it. Many of the grasses complete their growing cycle and put on their last show of plumes before being zapped by frost and freeze. Indian grass, with its yellow orange tops, is so pretty when it sways in the breeze. The fluffy, silver-blue stem tops are equally attractive even though it isn't the best forage grass out there. Also preparing for winter is bushy bluestem that has started

being used as a landscape plant. This year, I transplanted some little bluestem from the pasture to our flowerbed in between purple fountain grass. With a little help from the soaker hose, it is holding its own and I hope to see it really take off next year. The natives are our best bets during this enduring drought.



Indian Grass



Texas Rat Snake

ranged with the equinox passing. My favorite spring harbingers, the scissortails, are being replaced by American kestrels. I have been fortunate this year to see two unusual bird events. On my way to the Mother Neff ground breaking, I saw a group of about

25-30 Mississippi kites circling to gain altitude and then head south. I read that they follow the migration of dragonflies—pretty good plan—meals on the wing. The second cool bird sighting was after the Colorado flooding. My son was plowing and about 50 Swainson's hawks were either circling above the tractor or sitting in the field. They stayed around for the next couple of days and then moved on, heading to South America. Plows are like dinner bells to a lot of birds because they stir up all kinds of critters, like rats, mice, rabbits, and snakes. Easy pickings for the raptor claw and sharp egret beak.

Speaking of rats, apparently the Texas rat snakes did well this year. A few days ago, we accidentally ran over one and she zipped up a small tree.

She was as big around as a pint mason jar and at

The bird populations are also beginning to get rear-

Continued on next page...

Goodbye to Summer...continued

least six feet long. She had her colors on and was not happy with us at all. She flattened out her head and was getting in position to strike when I decided to retreat. I hope she makes it through the winter to consume her share of rats.

Polistes exclamens, even the name sounds painful—wasp, yellow jacket or whatever you call it, the paper wasp prospered in 2013, that's for sure. Nests were everywhere. I spent a little time observing one that was on a fence post and close to eye level. Their social behavior is amazing and similar to honey bees. Each time an individual comes to the nest, they are inspected to make sure they are at the right house. If not, they get the boot. They also would drum their front two legs on the nest as if signaling something to each other. Maybe where the best aphids could be found—who

knows? As the afternoon would heat up, they would just hang around the nest and rest with their wings



folded back. Soon the queen wasp will go looking for somewhere to overwinter and the workers will die off. You may think I don't have much to do if I just stand around looking at wasp nests, but I find their behavior amazing.



So summer is doing its swan song and we are headed into fall. The changes that occur every year are somewhat comforting because they are predictable. How lucky we are to live on a planet that has seasons and are able to enjoy the plant and animal behaviors that have evolved over millions of years. - Lynn

Above: *Polistes exclamens*; left, Rain Lillies.

Photos by Lynn Fleming

Spotlight on Natives



A Pocket Prairie Park (Proposed)

- Joanne Millican

One October a few years ago, I was on the hunt for a tree that rumor said was a resting place for Monarch butterflies during their migration. I drove down a country road east of Temple, not finding the tree described, and spotted instead a few blue flowers and butterflies by the roadside. Interested, I stopped the car, peeked through a gap in the hedgerow bordering the road, and was overwhelmed by the sight that greeted me. The hidden field was simply teeming with an explosion of sky blue and deep gold—*Salvia azuria* (pitcher sage) and Monarch butterflies. To this day, it makes my heart sing to think of it.

In the years since, my friend Mickey Burleson and I have gotten permission from the renter of the small acreage to hand-gather seeds from the little hidden prairie remnant and have visited it many times in all seasons--always beautiful and ever-changing.

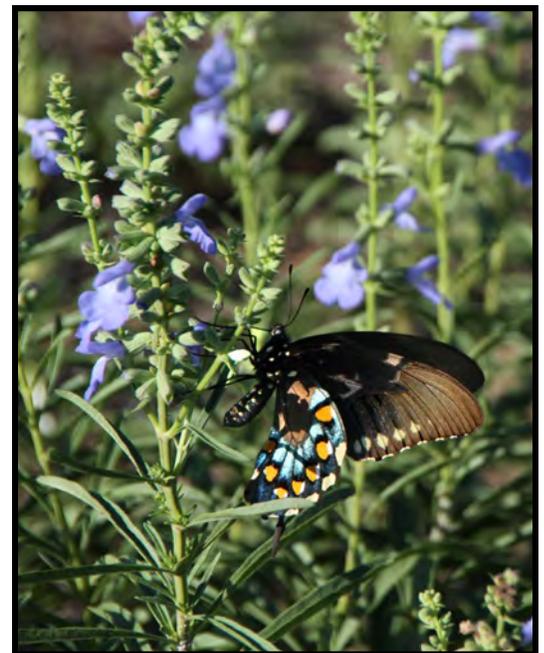
Now we find that the absentee owner of the 10-acre property within the Temple ETJ wants to sell it. CTMN, Mickey Burleson, and members of the Native Plant Society are working on a proposal to make



this site open to the public as parkland. The diversity and enduring nature of the true Blackland Prairie are qualities so difficult to replicate that few reestablishment projects are truly successful, but here we have an original little remnant that just begs to be preserved. Also, by highlighting the prairie that was essential to the economic development of the area—and was consumed in



the process—a bit of history would be illustrated. We're looking for input from Master Naturalists to guide us in envisioning how a park of this nature would be valuable to the community, i.e. interpretive center, nature walk, outdoor classroom, etc, as well as being a preserved part of history. Can you help?



Left: Joanne Millican records prairie plants in an area covered with non-native KR Blue Stem; top: Maximilian Sunflower; above: Prairie Sage feeds an Eastern Black Swallowtail.

Photos by Zoe Rascoe.

Spotlight on Natives



Horned Lizard

- Zoe Rascoe

Do you remember seeing your first horny toad? Bet you called it a horny toad. But now that you've had a herp class and are enlightened, you know the little prehistoric critter is actually a lizard. But for nostalgia sake, we'll call it a horny toad here. I remember my first: it was at Bring Your Pet To School Day when I was in kindergarten in Houston. On September 17th, CTMN reached out to educate our communities in a new way: we hosted a film screening of an independent film produced by Stephanie Leland of Jar of Grasshoppers Productions in Oklahoma City. Her film is called "Where Did the Horny Toad Go?" CTMN is grateful to George Lee of Horny Toad Harley-Davidson in Temple for underwriting the film screening cost. Bill Brooks, President of the Horned Lizard Conservation Society (it would have just been wrong to call it the Horny Toad Conservation Society) and Carolyn Todd, HLCS Treasurer, helped us kick off the event. Darla Menking was kind enough to donate a James Avery horned lizard charm for a raffle, which raised \$102. Admission to the film was \$5 and HLCS memberships were available. At the end of the eve-



ning, CTMN - thanks to the donations of those attending - presented the Horned Lizard

Conservation Society \$477! The movie interviewed both experts and everyday horny toad lovers about their memories of the playmate of choice in their youth as well as the research behind their demise in recent decades. I'm pleased to announce that we received a photo of a horned lizard taken a few days before the Temple Telegram article ran about our

film. They are here! There were nearly 80 folks who attended the film screening including about 35 Master Naturalists from 3 chapters. If you want to know how the movie ended, find someone who was there and ask!

From top: the Horny Toad, aka Horned Lizard; Bill Brooks introducing the film; Yvonne Eele, Darla Menking Horner and Shirley Watts raffling the James Avery charm; the crowd at the event.

Photos by Zoe Rascoe.

Lizard photo from the Horned Lizard Conservation Society website - www.hornedlizards.org.

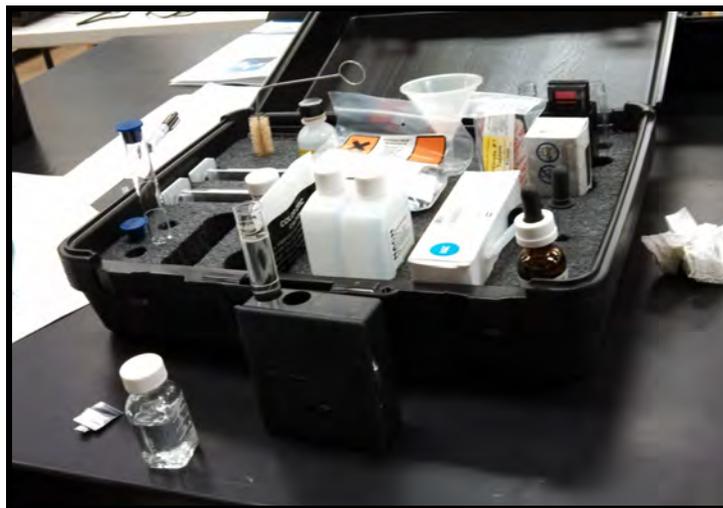


Stream Team Training...continued

sheds, rivers, lakes and, ultimately, the oceans. Keeping this water as clean as possible affects every living plant and animal living near, along or in each body of water, as everything depends on water to sustain life. One shocking thing Travis mentioned, was that every sample of sand collected on Corpus Christi's beach will have small bits of rubber in it. This is due to wear and tear of tires and pieces from tire blowouts on our Texas Roads and highways. These pieces find their way into the creeks, and you know where they go from there.

We reviewed point source pollution (we can see where it comes from, such as the tire rubber), and non-point source pollution, where we cannot determine exactly where it originates. Since the way we use our land determines the quality of our water, and regardless of the source of pollution, it is important that we all make efforts to cease the buildup of trash

Above: Our new kit! Right: Miriam and Gerrie; below: Kevin and Gerrie demonstrating stream flow measurement.



and chemicals being dumped into our waterways. Another problem is construction. With it comes water runoff. If water cannot soak into the ground, it heads toward the tributaries and rivers at a high speed, which erodes the banks, sending silt and other suspended particles directly in the faces of aquatic wildlife, that do not



care for dirty waters. This is called turbidity, and monitors can check our water using either a sechi disk or a turbidity tube. The more suspended sediments there are in water means the water will absorb more heat, which make plants and animals susceptible to dangerous living conditions. Turbidity is even a threat to the hatching of shallow egg nests, because the particles hamper the carbon dioxide and oxygen exchange. Bottom line: the less turbid the water, the healthier the water.

The advanced training was specific on the following points that the monitors will now be able to add to their sampling:

Orthophosphates: They are an essential nutrient for aquatic plants and animals. The downside, though, is when too many orthophosphates are dumped into a waterway, which leads to eutrophication, a process



Continued on next page...

Stream Team Training...continued

where sub vegetation dies and its decomposition depletes the water's oxygen.

Phosphates: In water, they are in high demand but short in supply. Once they enter a waterway, they are immediately consumed. It is like candy for algae. Today's laundry soaps are, thankfully, phosphate free. Dishwashing soaps and other cleaners are phasing out their phosphate additives as well. But it is still a threat to aquatic life, so a Stream Team Monitor will look for it. How much do algae like it? Travis said that all it takes is an amount equal to the weight of 1/3 of an eyelash in a liter of water to cause an algal bloom!

E. coli: Only from warm-blooded animals, it is an indicator species. The type we look for is not harmful to us; what its presence reveals is feces in the water that contains parasites and/or pathogens in our water.

Travis mentioned the "naughty list," also called the 303(d) list. This is where bodies of water go that do not meet the environmental standards. Since bacterial levels are the number one cause of water quality impairment in Texas, and 50% of Texas water bodies are impaired, it is important that Ecoli levels are monitored. In our testing, we will look for colony forming units, or CFU's. If our individual sites show more than 126 CFUs on a consistent basis, then our waterway is

considered impaired. Rain makes our CFU counts rise due to the extra manure and pet feces that wash into the system, but this is not a diagnosis of impairment since the levels will drop after the rain ceases.

Of the 17 people Travis presented this advanced training to, most were Master Naturalists, with the Central Texas Chapter dominating the audience.



Kevin Prince, Miriam Jordan, Gerrie Johnson, Marilyn Whitworth and Patricia Wyman were from the Killeen/Salado area. Kevin, who is tirelessly working to improve Nolan Creek so that someday it can be used as a recreational waterway, is perhaps the one in attendance who really will benefit from this training, as his results will benefit his research.

Anyone can log on to the following website to see the results reported from sampling sites across the state. Monitors will be updating their data monthly, so if you are interested, check it out!

<http://txstreamteam.meadowscenter.txstate.edu/>



Above: Marilyn, working with her sample; left: Kevin, Marilyn, Gerrie and Miriam.

Photos by Patricia Wyman

Stream Team Training (Basic)

- Marilyn Whitworth

There was a basic Stream Team Training course conducted at the Killeen Community Center on September 14, 2013. Twelve students attended and completed the course. Travis Tidwell, Monitoring Program Coordinator, Texas Stream Team Texas State University-San Marcos was the instructor. Six students from Central Texas Master Naturalist Chapter participated. They were Carolyn Stewart, Darla Menking, Kevin Prince, Jerry Lewis, Gail Hughling, and Yvonne Eele. One student from the Heart of Texas Master Naturalist Chapter and one student from Hill Chapter Master Naturalist participated. Three students from

the city of Killeen Public Works participated and one student from Belton New Tech High@ Was-kow participated. Ursula Nanna, Marilyn

Whitworth and Patty Wyman assisted the instructor. The subjects covered in the Stream Team Monitoring included: Dissolved Oxygen, pH, Temp, Clarity, Conductivity, and Field Observations. The water used for monitoring was collected from South Nolan Creek at the Rotary Club Children's Park off of W.S.Young Drive in Killeen. The field observation portion of the training was conducted at the same place. There were kits provided by the instructor that contained all the equipment necessary for conducting all of the other portions of the training. The training was from 10:30 until 3:30. All the students seemed to enjoy the training and asked about selecting some sites to monitor in the near future.



Photos by
Marilyn
Whitworth



Top clockwise: Travis Tidwell checking transparency of the water with a Secchi Disk; Yvonne Eele and Chris Noll (Killeen City Employee) who are in the final stage of titration; checking water clarity and odor; Gail Hughling and Carolyn Stewart starting to titrate the Dissolved Oxygen samples.



Frogs and Toads

- Patricia Wyman

The heat and dryness of a great Texas summer sometimes mean that wildlife struggle to stay hydrated. A good way to help is by filling a container with water and leaving it outside where it is accessible to thirsty critters. (If you notice mosquito larvae after a few days, just pour out the water and refill it.)

For a while, I had an aluminum pie plate in my flowerbed but it dried up daily and I would forget to fill it, so I replaced it with a half-gallon ice cream container that would be more forgiving when I did not check on it daily.

Always concerned for my family of toads who live under the sidewalk, I found that the water container had coaxed them closer to the house and into my flowerbed. They have taken over the new "swimming pool" and can at times be seen all day long, soaking in the cool water. My son Steven renamed our front porch, "The Lilly Pad Restaurant" for as soon as the porch light comes on, the toads exit the pool and come to eat. They are important participants in our food chain, as they keep our insect and pest population in check by consuming large quantities of bugs every night.

Taking a quick look at the toads when they are eating or swimming can tell us a lot about their health. Because they do not actually drink water and instead absorb it directly into their lower body cavity without being filtered through the stomach, toads are one of



Earth's little indicator species. Just as the name implies, if there are harmful substances in the air, water or soil, it could show up in the toad population in the form of birth defects, sickness or even death. Frogs and toads with missing, deformed, or more than two back legs tell the observer that something is amiss in our environment. We call this ecosystem stress. Reasons for this stress can include pollution, biocides, acid rain, fungal diseases and the depletion of our precious ozone layer, so although the source of concern could be difficult to determine at first, frog and toad health should be taken seriously by all of us. If you provide them with an abundant supply of water, they will show their appreciation by chomping down on mosquitoes, roaches and other worrisome pests.

Photos by Patricia Wyman

Fishing at Bastrop State Park

- Ursula Nanna

Leaving the Agrilife Building at 6 a.m. Saturday, July 13, nine of us volunteered at Bastrop State Park's annual fishing event. Yawn.....not easy getting up at 4:30 a.m.

With the volunteers we provided, all Docks were taught on a free-roam basis. It was wonderful to see that the adults participated along with the kids.

First timers, Patti Wyman and Carolyn Stewart, taught Habitat, and the kids loved creating a 'diorama' of the life of a fish in a pond.

There were six first-time Anglers: two 5-year-olds, three 6-year-olds, and one 7-year-old. Of those, two caught their first fish, to much applause from the shore line people. These small Anglers were filled with joy and pride....

Seventy attended this fun event, and the weather was just wonderful to spend a day at the pond fishing !!!!! Follow up surveys and verbal feedback told us it was obvious how much the day was enjoyed by all and that what we do for the kids is very much appreciated.



Herpetology with Bill Brook

- Yvonne Eele

Saturday, October 12, CTMN will be hosting an Herpetology Advanced Training class to those interested. Bill Brooks, president of the Horny Toad Conservation Society, who also introduced "Where Did The Horny Toad Go" at our screening of the movie, will conduct this advanced training. We will be learning about local Herps In the classroom at the Harris Community Center and then be going out into the field behind the Bell County Expo Center to look under piles of debris and see if we can find snakes or lizards. Bill will show us how to control them so we can get them out of an undesirable location and moved to somewhere they can be happy without intruding on human space. If you are interested in attending this Advanced Training please contact Yvonne Eele at yeele@ymail.com



Photos by Zoe Rascoe

Crazy Big at the General Meeting

- Zoe Rascoe

Yvonne shows how ridiculously big Lynn's Bull Nettle root grew.



Mother Neff Gets New Trail

- Yvonne Eele

A group of Central Texas Master Naturalists began trail busting a new trail at Mother Neff State Park. With loppers and saws, the Master Naturalists cut down small trees and some larger ones in preparation to building a trail from the bird blind to the prairie, which will come out close to the new camping area. Liz Poole, Lynn Fleming, Mary Ann Everett, Ursula Nanna, Yvonne Eele, and Zoe Rascoe climbed trees, pulled down branches, snipped, tripped and dragged brush to make clearance for the trail. A great way to spend the morning, working with a great group of people



while enjoying the birds and being outside.

After having broke ground on the updates on August 24, Mother Neff has begun the work to move their camping facilities and headquarters to the prairie in order to keep those from flooding. Included in the updates will be a museum and many of the CCC relics will be incorporated into the buildings and camping sites. Mother Neff has the distinction of being the first state park, and when it opened as a CCC camp, cedar trees removed from Mother Neff were used to build some of the cabins at Garner State.



Top right, clockwise: the Mother Neff CTMN workers; Zoe using the monkey approach to limb removal;; Mary Ann Everett tugging at branches and vines Lynn Fleming chopping away.

Photos by Zoe Rascoe

CTMN's Help Boy Scout's With Nature Badge

- Patricia Wyman

Boy Scouts worked on their Nature Badge with the help of several MNs in August at Camp Tahuaya. Clockwise from right: Lynn helps Scouts identify ferns in the creek; Carolyn and Lynn talk about animals that use the spring water; Lynn demonstrates bird feeder construction; Carolyn and Lynn use a pipe to get a soil profile sample; Lynn shows the features of a native Beauty Berry plant.



Awards and Certifications



Clockwise from top left: 2013 CTMN officers by height, not position - Zoe Rascoe, Louann Hight, Lynn Fleming and Don Wyatt; Marilyn Whitworth receives her 1,000 hour milestone pin; Dale Hughling accepts Gail Hughling's 500 hour milestone pin and his recertification; Kathy Cantu receives her 250 hour milestone pin; Darla Menking Horner receives her 250 hour milestone pin; Shirley Watts, Zoe Rascoe and Mary Ann



Everett recertify. I don't think Mary Ann can fit any more pins; some of the attendees for the Astronomy program. - **Zoe Rascoe**



Announcements

October General Meeting

- Zoe Rascoe

Earl Nottingham, a Temple native and Chief Photographer for Texas Parks and Wildlife Magazine, will present "Photographing Nature" at our General Meeting on **October 8th at 6:00 p.m.** at the Belton Church of Christ. This presentation will count for Advanced Training.



We will be taking our 2013 Chapter Photo (conveniently, we will have a professional photographer on hand.) Please join us and wear your CTMN or TMN shirt if you like!

Mother Neff Needs Help!

- Yvonne Eele

Volunteer opportunity: If you have any chainsaw skills and would be interested in assisting to blaze a new trail at Mother Neff State Park, please let Yvonne Eele know when you are available.

Let's Help AWARE!

- Ursula Nanna

We have been invited to participate in the Aware Central Texas Christmas on the Farm, December 14, 2013, 10 a.m. to 6 p.m. at the Expo Center. We are asked to have a casting booth. We are also asked to donate any well-used or new items for their

auction. For this purpose, there is a plastic crate at the entrance of the Agrilife Bldg, marked AWARE, in which to drop your donations during office hours.

Aware Central Texas is a child abuse and prevention organization located on Main St. Belton.

Please volunteer for casting, mark your calendar and donate toys, house-goods, whatever you can.

Participate in Bird Fest

CTMN members can attend sessions for advanced training credit or volunteer to assist the Heart of Texas Chapter in hosting the event. Contact Nora Schell at 254-848-9654 or email noras@ci.waco.tx.us.



BIRD FEST

October 12, 2013

7:30 a.m. - guided birding hike
9:00 a.m. - activities begin

- Birding Speakers throughout the day:
 - Common birds of Central Texas
 - Birding Photography
 - Birds and Climate Change
 - Hummingbirds and Wildscapes
- Children's birding activities
- Educational programs

*Appropriate attire and binoculars are recommended.
(Some binoculars will be available to borrow.)*

T E X A S
Master Naturalist
Central Texas Audubon Society
Lake Waco Wetlands
lakewacowetlands.com

For more information: call 254-848-9654 or email noras@ci.waco.tx.us

Announcements

Standing monthly events

Salado Sculpture Garden Workday: 1st Mondays at 8:30 a.m. (contact Miriam Jordan, mejcom@gmail.com or Becky Denton beckyden-ton@embarqmail.com) **V**

Miller Springs Nature Area Workdays: 2nd Thursdays at 8:30 a.m. (contact Mary Ann Everett, everett.maryann4@gmail.com) **V**

Mother Neff State Park Workdays: 3rd Thursdays at 9:00 a.m. (contact Yvonne Eele, yeele@ymail.com) **V**

Nolan Creek Trail Maintenance: 5th Mondays at 8:00 a.m. (contact Mary Ann Everett, everett.maryann4@gmail.com) **V**

On the Calendar

- Yvonne Eele

October 5, September hours and 3rd quarter hours due. Contact Sandy Summers ctmn.bell@gmail.com

October 5, Highland Lakes Native Plant Society, Native Plant Festival and Garden Tour. See <http://www.yantislakesidegardens.com/npsot>

October 5, 6:30-1:30, three shifts. Master Gardeners' Plant Sale. We are having a booth to sell our Nature Guides and provide information about Master Naturalists. For more information contact: Lynn Fleming lynn.fleming99@gmail.com. To volunteer contact: Yvonne Eele yeele@ymail.com. **V**

October 7, 8:30-12:00, Salado Sculpture Garden **V**

October 8, 6:00, CTMN Membership Meeting **AT**

October 10, 2:00-3:00, Salado Library Texas Master Naturalist Series. Our very own Gerrie Johnson and

V Approved for Volunteer Hours
AT Approved for Advanced Training
MA Must Apply for approval of hours

Miriam Jordan will present "Salado Creek Water

Testing with the Texas Stream Team." Contact: Miriam Jordan mejcom@gmail.com or Becky Denton beckyden-ton@embarqmail.com **AT**

October 10, 8:30-12:00, Miller Springs Work Day **V**

October 12, 10:00-2:00, Herpetology with Bill Brooks, President of The Horned Lizard Conservation Society. There is still room in the class so if you would like to attend, please register. Contact: Yvonne Eele, yeele@ymail.com **AT**

October 17, 9:00-12:00, Mother Neff Work Day **V**

October 25-27, TMN State Convention, for more information go to the link on the CTMN web page **V AT**

October 29, 5:30 - 7:00, Angler Ed at Halstead Elementary in Copperas Cove. Volunteers will present Marine Debris, Bait and Lures, and Fish Habitat. Contact: Ursula Nanna fishingpole16@gmail.com **V**

November 4, 8:30-12:00, Salado Sculpture **V**

November 11, 8:00-12:00, Andy Wells Hike and Bike Work Day, contact: Richard McCarthy rgm3372010@live.com **V**

November 12 and 13, 9:00-11:00 and/or 1:00-3:00, Science Fair Judging at Saegert Elementary School. Contact: Ursula Nanna fishingpole16@gmail.com **V**

November 12, 6:00, PACE Meeting, contact: Lynn Fleming lynn.fleming99@gmail.com **V**

November 14, 8:00-12:00, Miller Springs Work Day

November 21, 9:00-12:00, Mother Neff Work Day **V**

December 12, 8:00-12:00,, Miller Springs Work Day **V**

December 14, 10:00-6:00, Angler Ed Christmas on the Farm, Contact Ursula Nanna fishingpole16@gmail.com **V**

December 19, 9:00-12:00, Mother Neff Work Day **V**

December 30, 8:00-12:00, Nolan Creek Hike and Bike Clean Up, contact Lynn Fleming fleming99@gmail.com **V**

Newsletter Mission Statement

"Our mission is to inform and educate Master Naturalist members and the general public about our local environment and resources, and what we, as caretakers, can do to protect them."

Board of Directors

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Contributing Photographers: Lynn Fleming, Patricia Wyman, Zoe Rascoe, Joanne Milican, Marilyn Whitworth, Ursula Nanna, Yvonne Eele

Please send any news of events, articles or photos of what you're doing or what's going on in your yard or area to:

Terrie Hahn at moompie45@hotmail.com

Photo by Terrie Hahn

