



INDIAN TRAIL MARKER

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

SPRING 23



From the Desk of the **PRESIDENT**

Hello Trailblazers!

Wow! I can't believe how quickly our slower winter months flew by. With the arrival of spring, Indian Trail Master Naturalists are kicking back into high gear. All regular activities are on the calendar...be sure to check it out. There are a great many opportunities for both volunteering and advanced training.

We also have a couple of new things going on. We will soon have a new project involving Bardwell Lake that is going through the approval process now. Also, Ennis has some things going on for Earth Day that we have been invited to participate in. More information will come soon about these two opportunities.

As always, I appreciate all of you and all you do to keep our chapter involved in ways to further the mission of TMN.

I want to say a special thank you to the people who have stepped in to take over publicity and newsletter publication. All these volunteers are doing a super job putting ITMN in front of the public! I know the chapter will benefit from their work.

See you soon! Rena Sutphin, President, Indian Trail Chapter

Newsletter Team

Chairperson: Melanie Gibson

Leads Team, Facilitates w/ chapter, president, chairs, & board

Coordinator: Robbie Robbins

Facilitates w/ authors & team and may reach out to chairs

Editor: Ann Spencer

Assembles content, links & photos and edits final drafts

Graphical Illustrator: Robbie Robbins

Designs specific graphical content and thematic illustrations

Production Designer: Dottie Love

Assembles all pages, structures and orders all final content

Publicity Team

Chair/Event Chronicler: Kerri Kerr

Leads Team, Facilitates w/ chapter, president, chairs and board

Sends monthly email communications to Friends Group and Prospective New Members (broadcasts and Outreach Event Notices)

Sends a limited number of ad-hoc emails as requested by President or Outreach Chair

Media Coordinator: Paul Christenson

Receives Event Notices and Program Flyer/Notices from committee/project chairs and event leads

Submits event and program notifications to local news media outlets

Creative Designer: Robbie Robbins

Creates simple, one-page, event and program flyers and digital infographics, and provides supporting photos/graphics as able

Submits infographics to ITMN social media and to event leads for poster/flyer print media



ON THE COVER--

*"Blue-eyed Grass and
Something Else"*

by Tom Sale, 2023

used with permission from the artist

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>

SUCCESSFUL CONTROLLED BURN AT KACHINA PRAIRIE!



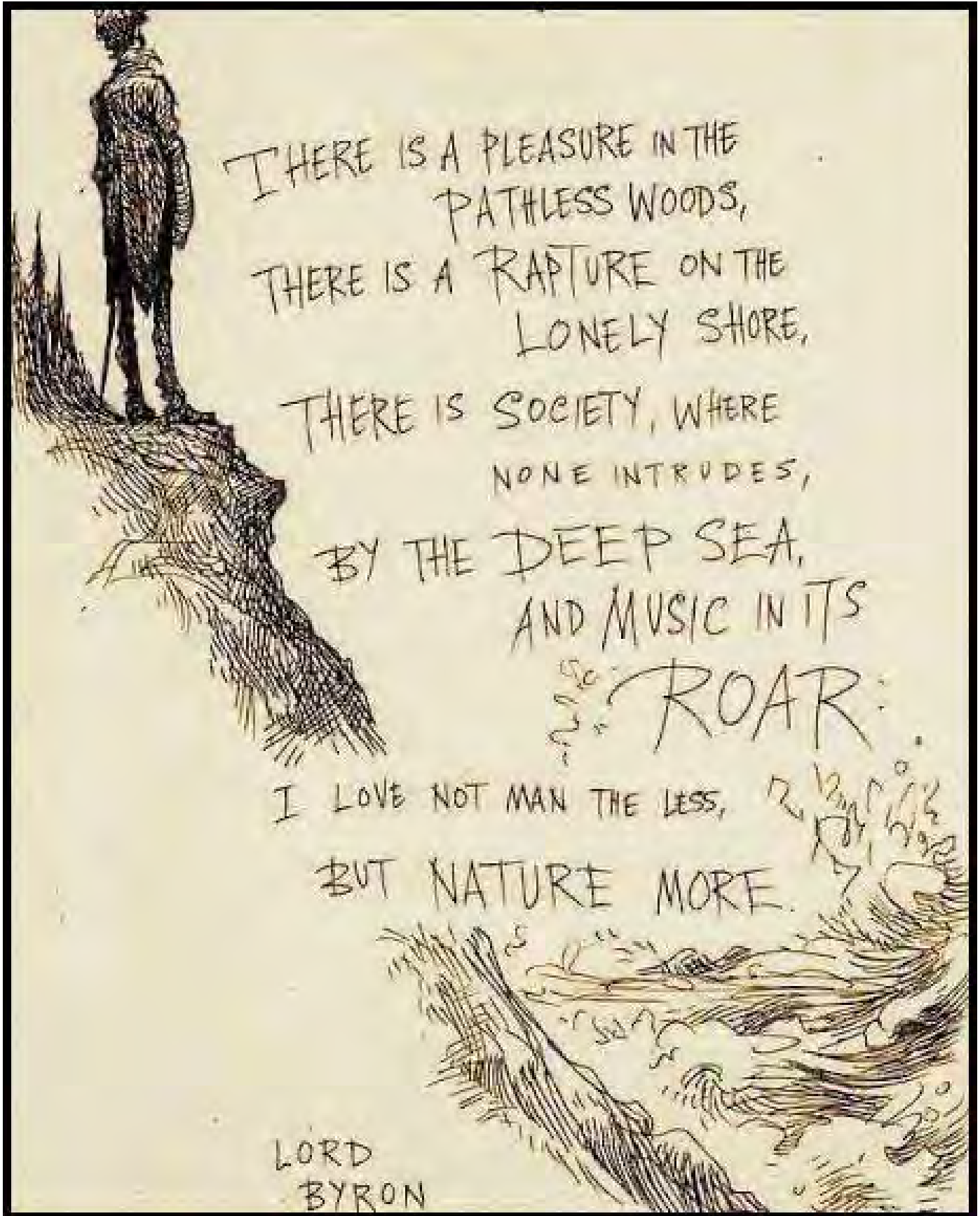
January 20, 2023: Jim Patak reported we had 16 volunteers along with 35 firefighters and staffers from Ennis Fire Dept, TPWD, and Ennis Parks Department for the January controlled burn. The Ennis Fire Chief said he was pleased with how it went. More photos on Page 4. *(photo collage by Dottie Love)*



"April in Texas" by Tom Sale, 2023 Used with permission from the artist



Kachina 2023



THERE IS A PLEASURE IN THE
PATHLESS WOODS,
THERE IS A RAPTURE ON THE
LONELY SHORE,
THERE IS SOCIETY, WHERE
NONE INTRUDES,
BY THE DEEP SEA,
AND MUSIC IN ITS
ROAR:

I LOVE NOT MAN THE LESS,
BUT NATURE MORE.

LORD
BYRON

The Letter

By Eileen Berger

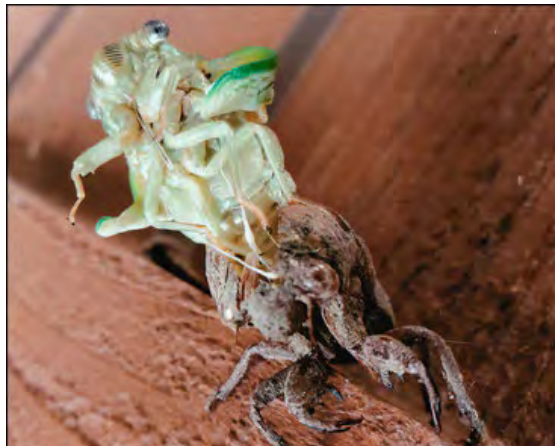
Our Indian Trail Master Naturalist chapter was chartered in 2010. We had 24 trainees, but not all of them actually completed the classes. When we were nearing the end of the scheduled classes, our fearless leader Mox Moxley began the process of forming us into an organization with officers and committee chairs. I was selected to be historian in charge of creating a yearbook, and also to be head of the editorial board. Since one of the main goals of our chapter is to educate the public on all things natural, we set the goal of submitting an approximately 600-word article to the area newspapers once a week.

Several members felt comfortable with submitting articles, which I would send out to my committee to check for errors. However, producing an article every week meant that I was writing quite a few articles myself. This went on for several years until we elected new officers, at which time I was elected president and handed off the editorial board chair to someone else. Our webmaster was posting our articles to the internet, which meant that my articles were out there for all to read.

Recently, Charlie Grindstaff called to tell me that she had been to the Agri-Life office and noticed that I had a letter, and that she would bring it to me at the Mayor's Winter Walk. I opened the letter and was at first mystified at why I would be getting a letter from a stranger in Lometa, Texas. It read:

"Dear Ms. Berger, I read your article 'The Sound of Summer' with great interest. I took these photos late last summer. This cicada was coming out of its outer shell right on our doorpost. I ran and got my phone for a picture. Growing up in Texas, I have heard the mating noises of the male cicada all my life. God's world is full of wonder! Thank you for writing the article. Best wishes in your successful career." The letter was signed, Terri Corbin, 68 years old.

Of course, I was pleased to have helped to spread the news about our beautiful state and the amazing creatures that inhabit it. You just never know the impact you have, so keep on doing what you are doing with energy and confidence that you are making a difference.



photos supplied by Eileen Berger, used by permission)



photo from iNaturalist.com

just a walk in the park

Mayor's Winter Walk 2023

By Jeffery Austin

It is with great enthusiasm that I share news from Mockingbird Nature Park, where a successful Mayor's Winter Walk was held February 18, supported by Midlothian's Mayor Richard Reno. This beloved outdoor destination in our county was generously donated to the City of Midlothian by the Holcim Corporation in 2008. The park provides 68 acres of prairie and riparian environments. It is a popular destination for outdoor enthusiasts, offering scenic trails to explore and a tranquil escape from daily life.

The park is home to a diverse range of wildlife, from migratory birds to small mammals and insects. During the winter walk, there was a wonderful turnout of 80 enthusiastic participants who were eager to explore the park's natural beauty and learn more about its biodiversity. The group included Indian Trail chapter members and others in the community who share a passion for environmental stewardship. We would like to express our appreciation to the Midlothian Parks Department for their support in organizing this successful event.

As leaders of the walk, we shared the importance of conservation efforts in protecting and preserving the park's natural resources and wildlife. Mayor Reno also spoke about the significance of the park in the community, stating, "Mockingbird Nature Park is an important asset to our community, and we are committed to preserving its natural beauty."

As Texas Master Naturalists, we take pride in the education and community outreach we provide. The Mayor's Winter Walk was a great success, with many participants expressing their appreciation for the event. It was an excellent opportunity for residents to connect with nature and appreciate the importance of conservation efforts.

We encourage all fellow members to participate in Chapter workdays to maintain and sustain the natural beauty of Mockingbird Nature Park and other outdoor spaces. Together, we can make our community a more sustainable and environmentally friendly place for generations to come and ensure that everyone has the opportunity to connect with nature.

Signs of Spring

By Maureen Nitkowski



Once upon a time in Pennsylvania, the first sighting of a robin gave hope that spring would arrive soon. That has changed with robins standing in snow and being observed in winter months there. Some folks have opted for the red-wing blackbird as the harbinger of spring, but my candidate here in Texas is the crane fly of the family *Tipulidae*.

Please stay with me as I make my case.

Crane flies are not colorful, do not sing and are clumsy in flight. What they are is an important part of ecosystems, a non-pest to humans and their endeavors and a lesson in survival. In late February and early March the adults make their appearance to be greeted by, “Look at the size of that mosquito!” followed by, “Kill it!” If the observer can remain calm, he will notice that the insect is not hunting him nor buzzing about rapidly as would a mosquito; what it is doing is searching for a mate and not a meal. There are over 500 species of crane flies in North America. The larvae can be aquatic or live in moist leaf litter and largely feed on decaying vegetation. They are sensitive to pollution, and their presence indicates good water quality. The larvae are cylindrical, gray-brown and have fleshy lobes on the back end. There is usually only one brood per year.

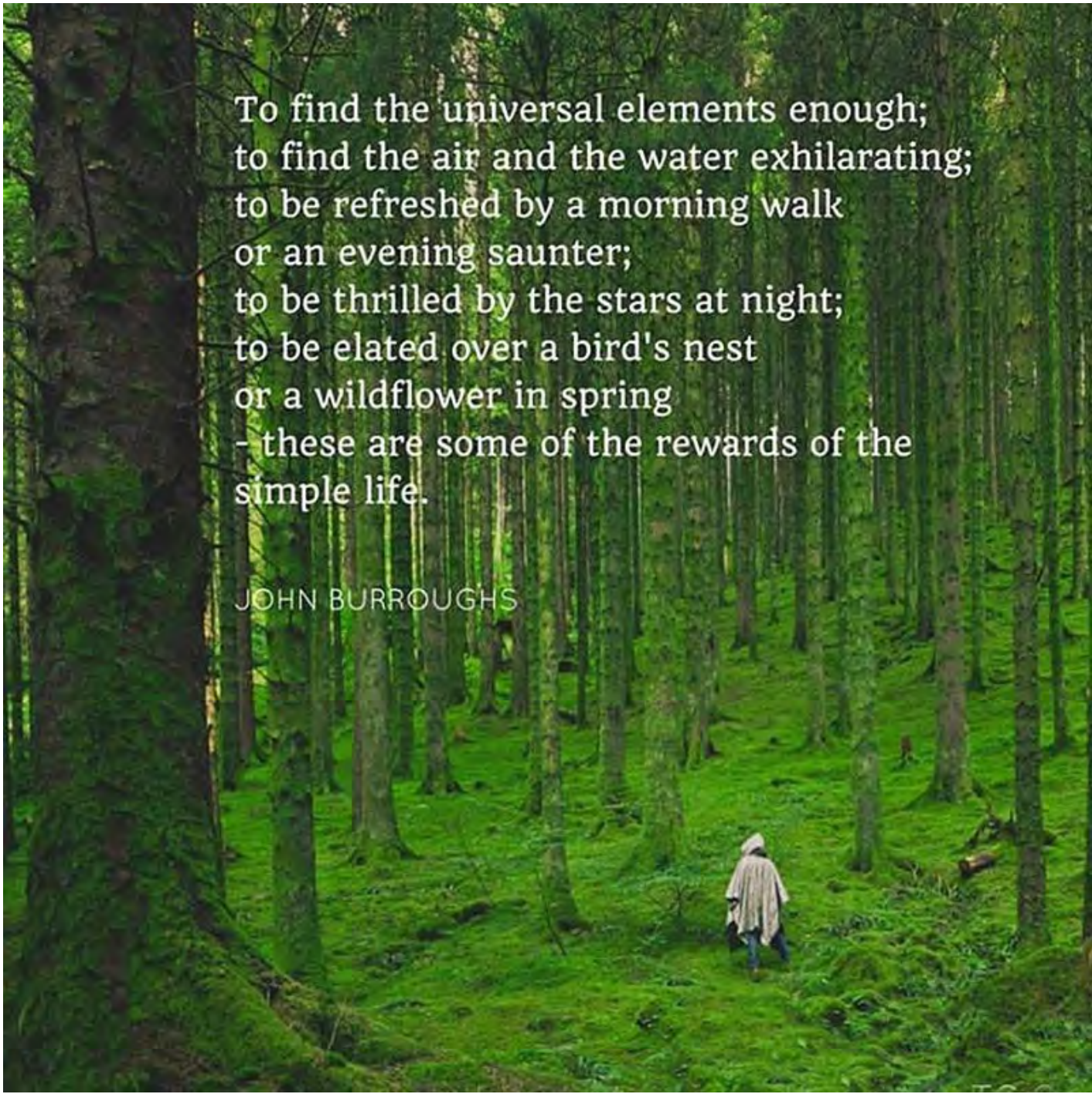
Unlike mosquitoes, adult crane flies do not have scales on their wings or piercing/sucking mouth parts. In fact, most species of adult crane flies do not feed at all but rely on stored fat to tide them over for their short existence – which is about two weeks. In that time they must mate, and then the female must lay eggs in a suitable location, all while avoiding predation. The number of crane flies at our doors and walls might be a nuisance to us, but it is a way to ensure successful reproduction.

Crane flies are not pests, but a harbinger of spring and survival.

Sources:

citybugs.tamu.edu/crane-flies

texasinsects.tamu.edu/crane-fly

A photograph of a dense forest with tall, thin trees and a person walking in the distance. The text is overlaid on the upper left portion of the image.

To find the universal elements enough;
to find the air and the water exhilarating;
to be refreshed by a morning walk
or an evening saunter;
to be thrilled by the stars at night;
to be elated over a bird's nest
or a wildflower in spring
- these are some of the rewards of the
simple life.

JOHN BURROUGHS

Quote by John Burroughs, submitted by Lori Crider



Walt Davis, Texas Watercolor Artist

By Melanie M. Gibson

Walt Davis is a watercolor artist and a writer. Over the last 30 years, he has exhibited his paintings in galleries and museums around the state, including the Bath House Cultural Center, the old Dallas Museum Natural History, and currently at The Point.

Davis trained as a biologist and worked at the Dallas Museum of Natural History. Hired as a biologist, he became fascinated by the dioramas and began helping recreate these three-dimensional spaces for the museum's many taxidermied specimens of native Texas animals. Davis credits the detailed, meticulous research and craft those dioramas took with teaching him how to really look at the world, a skill that serves him well as an artist today.

Davis and a team of naturalists, artists, and scientists worked on the dioramas together. They traveled to locations around Texas to study the flora and fauna of a specific locale for each piece. One memorable trip was to Eagle Lake on the Texas coast, where team members stayed overnight to study Canada geese, snow geese, and other birds returning to their winter homes. They took pictures, collected dried grasses to use in the diorama, carefully studied the wind patterns on the sand, and documented details of the scene. They even collected goose poop to include in their diorama. They also traveled to the Big

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Thicket to create the diorama for an ivory-billed woodpecker specimen (although the actual specimen had come from Dallas County).

They visited the Chisos Mountains to study the habitat there of the white-tailed deer. The artist Granville Bruce, who created two dozen background paintings for dioramas at the museum, was part of that team. They visited the Rio Grande Valley to study the habitat of the jaguar. While there, they collected boxes and boxes of prickly pear thorns. Later, they cast prickly pear leaves from foam, drilled holes in the foam, filled them with wax, stuck in the thorns, then painted them. The team members had to observe the habitats closely. Their work often involved painstaking attention to detail, as when they made artificial leaves from beeswax, cotton, and wire. Each leaf had to be attached by hand. Davis said mesquite was the hardest, with its thousands of leaves.

Davis worked for the museum for 25 years and wrote a book about it called “Building an Ark for Texas: The Evolution of a Natural History Museum” (Texas A&M Press, 2016).

Spending time in all these places and creating these detailed scenes was great preparation for the painting Davis does now in retirement. He works in watercolors. He started out painting landscapes, using his store of memories from all his travels and work at the museum.

Then he became interested in insects. He finds them to be otherworldly creatures when observed up close. He makes his paintings of them big so that the viewer can really see them. He keeps a realistic shape but plays with color. Davis says that he explores and discovers as he paints. He began working with watercolors over 30 years ago, and he has taught other artists.

Davis’s current exhibition runs through April 26 at The Point at CC Young Retirement Center at White Rock Lake. The exhibition is called “Some Things I Have Seen” and includes 32 of his watercolors.

He also co-authored with his wife Isabel a book profiling Texas naturalists, mapmakers, scientists, and artists who worked along the border called, “Exploring the Edges of Texas” (Texas A&M University Press, 2010). Walt and Isabel visited, hiked, kayaked, canoed, and drove through many of the places that inspired the people they profile. The book details what they learned on these excursions, sometimes recreating their journeys and sometimes visiting the places that house the artifacts and specimens those scientists and naturalists collected on their journeys.

Davis will give a talk about this book from 9:30-11 a.m. April 13 in the auditorium at The Point at CC Young at White Rock Lake. The talk is open to the public. His watercolors remain on view there through April 26.

For more information about Davis’s work, visit his website, waltdavisart.com.

Watercolors by Walt Davis



“Farm in First Light”



“Evening Vespers”



“Palo Duro #1”



“Yellow and Purple Flowers”

All images used with permission of the artist



“Tres Escarbados”

All images used with permission of the artist

NATURALART

By the artist in their own words

DIANE FROSSARD *(Our own)*

Hi there! I'm Dianne Frossard and I love art. I grew up in the East Chicago, Michigan, Indiana Tri-state area. I am the only child of a single parent & given the winters were long and horribly cold I spent a lot of time inside alone. The way I survived was art. Okay, well art and the Chicago Cubs! Some of



my first projects were paper dolls I cut out of scrap paper and painted and dressed up. Their clothes were inspired by the Sears catalog but were far more colorful and trendy. In high school I was that weird kid who skipped school and wandered around the Art Institute of Chicago. Painting, collage making and macrame were my favorites but then came adulthood. Art got put on hold until I retired a few years ago.



My husband & I live on 2 and a half acres in Ennis. We love it here and the opportunity to create art has presented itself to me again. My paintings are mostly of Texas nature. Is there anything more beautiful?

Many of the treasures that I paint I find right here outside my back door! I'm thankful every day for this. A whole lot of artists are realists & recreate what they see in the world with their paint on a canvas. It may sound silly, but when I paint, I'm recreating the joy I've found. To me that is *Impressionism*. I hope that when you look at my work, I've been able to share my joy with you!



All images provided by the artist

A Gift from Mother Nature

By Christine Cook

I am a collector of many things – books, fabrics, shells, rocks, seed pods/seeds, flowers to press, teacups and saucers, vintage needlework...and wasp nests. It's all about the pleasure of the hunt and the find. A year or so before Covid, I was focused on wasp nests around the house because: 1) I found I was deathly allergic to wasp stings; and 2) I had seen a beautiful wreath of wasp nests in a magazine and wanted to collect enough of them to make a similar one.

I mentioned it to a group at one of our workdays at Cerf Park; Lois Lyon said she had many around her house and would bring them to a meeting. I mean, she brought me a huge box of wasp nests to add to my own collection! Lois has since passed on from Covid to what comes next, but she is still partly responsible for the wasp nest wreath I finally made. I began working on this for Urban Wildlife Biologist Sam Kieschnick from Texas Parks and Wildlife when I found out he was going to entertain and educate us about wasps at our February chapter meeting.

And then I forgot to bring the wreath! It was hanging in the garage, since that's where I assembled it, and when Celia Yowell came to pick me up I went out the front door and, well, if you are my age you might understand. The wreath was delivered to Charlie Grindstaff, after she introduced me to a marvelous but hidden bookstore (danger, danger!), and I'm hoping she has now passed it on to Sam. I told him it can go from my garage to his! Look closely to see a collected variety of oak galls, lichen, mountain laurel seeds, fall leaves, etc. – a gathering from Mother Nature. Thank you, Sam, for another Samsational presentation!



Image provided by Christine Cook

Noble Research Institute Plant Image Gallery

By Linda Sanford

There's an awesome Plant Image Gallery by the Noble Research Institute at <http://www.noble.org>.

Just click on Plant Image Gallery and you get some great choices such as the following:

Grasses and grasslikes

Forbs

Trees, Shrubs, and Woody Vines Aquatics

Then click on one of these and you can find your plant under the following headings:

Common Name Index

Scientific Name Index

Tribe Index

Family Index

Image Gallery Search Engine

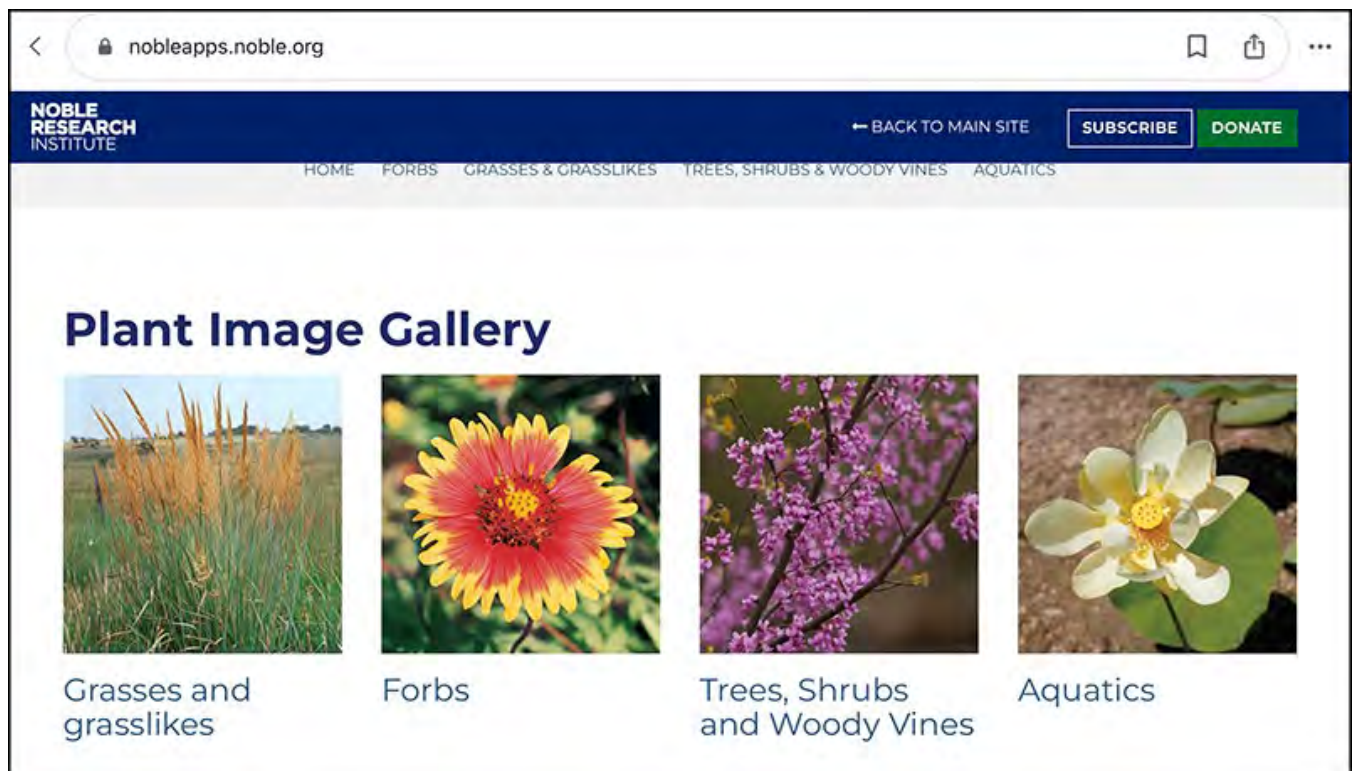


Image downloaded from the Noble Research Institute

Check it out if you want an alternative to iNaturalist or just something different!



New! Nature Book Nerds Club

By Alleasha Austin

Are you interested in studying nature topics in depth? Do you want to explore new worlds from the comfort of your recliner? If you answered “yes,” then our newly-formed Nature Book Nerds Club might be right for you! Each month we read a nature-related book—or two—and then meet to discuss what we learned and share our insights.

Our first meeting was in March. We had a lively discussion about two very different topics: fungi and the hardships one woman experienced on the Appalachian Trail (AT).

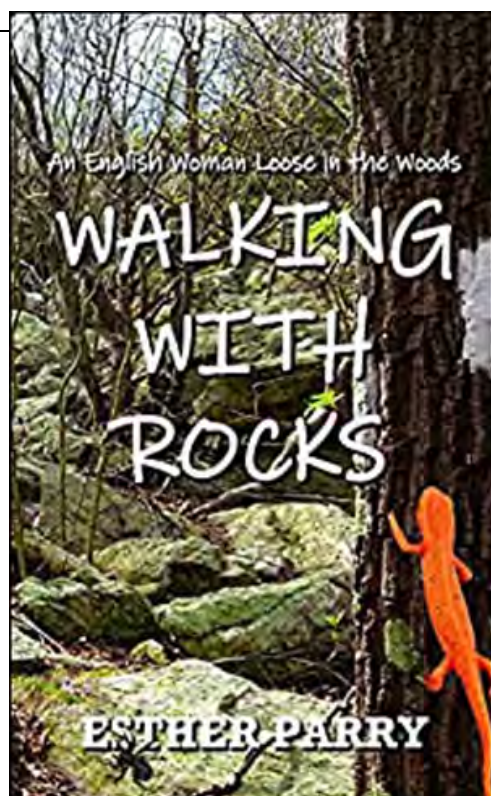
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“The Secret Life of Fungi,” by Aliya Whiteley, proved to be a fascinating read with everyone agreeing that Whiteley's writing style made the science accessible and engaging. We discussed the role of fungi in the ecosystem and how their mysterious nature has captured human imagination for centuries.

“The Secret Life of Fungi” is technical enough to be interesting, but not SO technical that it becomes a textbook. The author makes it conversational enough to be engaging, but not SO conversational that it feels like reading a blog.” – Matthew Bacon, chapter webmaster



Our second book, “Walking with Rocks,” by Esther Parry, was also a hit with the group. We found Parry's recount of her challenging hike through the AT to be thought-provoking, at times humorous, and inspiring. Overall, it was a great meeting and we're all looking forward to diving into our next books!

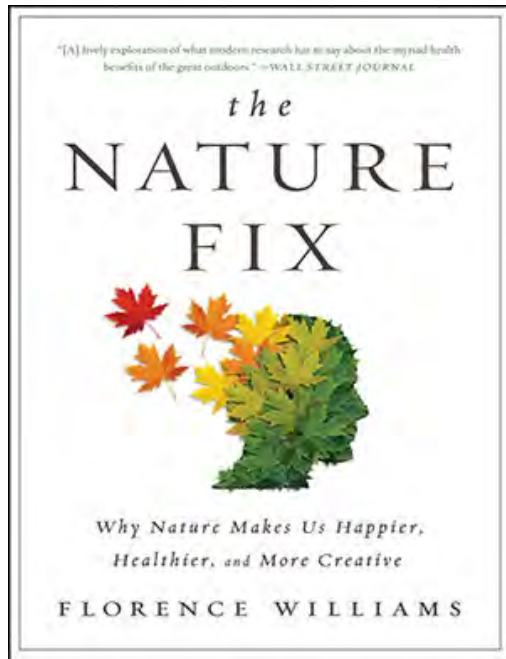
Here is some feedback from our book club members on our March reads:

“Walking with Rocks” is not really a nature book, but it is a fun story about a midlife crisis!
–Rena Sutphin, chapter president

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If you want an idea of what kinds of books are on our minds, our April selections include “The Nature Fix: Why Nature Makes Us Happier, Healthier, and More Creative,” by Florence Williams. This book explores the science behind our connection to the natural world and how it can improve our mental and physical health. We discussed ways in which we can incorporate more outdoor time into our busy lives.



Our second April book selection was “Buzzkill: A Wild Wander Through the Weird and Threatened World of Bugs,” by Brenna Maloney. This book takes us on a fascinating journey through the world of insects, exploring their importance in our ecosystem and the threats they face. We learned more about the world of bugs and how we can better protect them.

We invite you to join us for any of our upcoming meetings at 6:30 p.m. on the first Tuesday of each month at Waxahachie Parks & Rec Bldg. at 401 S. Elm St., Waxahachie. You can find a link to our book club meetings (and other events) on our Indian Trail Master Naturalist chapter homepage public calendar at <https://txmn.org/indiantrail/>.

VMS Credit: Our book club discussion meetings will count as AT credit, recorded as AT: Nature Book Nerds Club. Homemade dishes can be counted for one hour of Hospitality (maximum eight per year).

For more information, contact Alleasha Austin at alleasha@sbcglobal.net.



BOOK REVIEWS

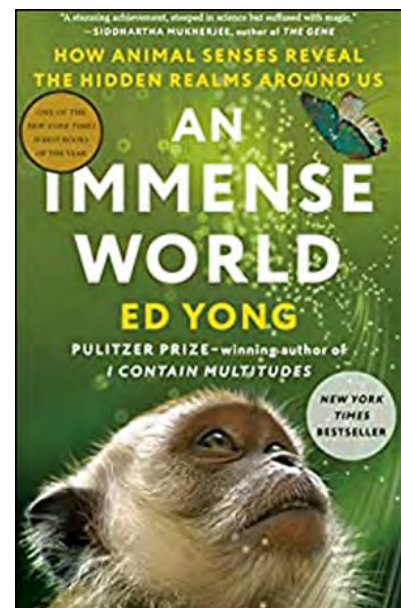
“An Immense World” by Ed Yong

Reviewed by Madeline Kelley

Bob Richie recommended this book when I was trying to find speakers for our 2023 meetings.

With his latest bestselling book, *An Immense World: How Animals Reveal the Hidden Realms Around Us*, Pulitzer Prize–winning science journalist Ed Yong blasts open everything we thought we knew about the animal kingdom and the sensory world. Writing with humor, joy, and a dose of delight in discovery, he tells stunning stories of animals who inhabit the natural world around us and, in so doing, invites us to explore an amazing landscape of sights and sounds, textures and vibrations, smells and tastes, and electric and magnetic fields—many of which escape our human senses.

Each animal, Yong explains, lives in its own distinct sensory “bubble” that causes it to experience the world in a unique way. There are beetles attracted to fires, fish that sense electrical currents, snakes that smell with their



tongues and crocodiles that feel with the scales on their faces, scallops that see with a multitude of eyes, elephants that “listen” with their feet, and insects that vibrate with beautiful “songs” at frequencies we cannot hear.

While our first instinct may be to consider what these discoveries tell us about our own sensory experiences as humans or about possible future technologies, Yong makes it clear that the purpose of the book lies elsewhere. *An Immense World* is an ode to biodiversity and “animals as animals,” inherently worthy of our care, wonder, and attention. Calling to mind the phrase “more than meets the eye,” Yong’s book reveals a world that is richer, more complex, and much more amazing than anything we may have imagined before we encountered his work.

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Seeing the world: Color and echoes

Most of human society is built largely around our sense of sight. How we dress, how we get around, how we consume information...the list is endless. And, to be fair, humans do have a sharp sense of sight – at least compared to much of the animal world. Humans are trichromats, which means we have three different cones in our eyes that specialize in detecting certain wavelengths of light.

By contrast, dogs and horses only have two. Dogs mostly see shades of gray, yellow, and blue as a result. Many “color-blind” people are also missing one of the three cones humans usually have, and so they see a smaller range of colors. Those of us who use three cones to see color can get an idea of how dichromats see the world using picture editing software. But we can’t imagine what seeing with four cones would be like.

Animals with more than three cones perceive more colors than we can even comprehend. But they can’t compare those colors, which is how sighted humans build an understanding of what the world looks like around them.

Instead, for animals whose brains don’t compare colors, different wavelengths of light merely spark instinctive responses. Daphnia water fleas only see flashes of color, not full landscapes. An ultraviolet light indicates sunshine, so they swim away. They swim toward the colors green and yellow because those wavelengths indicate food. These fleas interpret wavelengths of light as just another stimulus prompting their instinctual behaviors. They simply don’t experience the sense of sight the same way we do. Another way of “seeing” the world involves a different sense: echolocation. Animals like bats and dolphins use echolocation to build visual pictures of the world around them.

They produce pulses of ultrasonic sound, then listen to the echoes returned from objects around them. They vary the length and frequency of these sounds to build clear pictures of their surroundings. In fact, bats are so good at this that they can snatch flying insects out of the air and navigate through a maze of hanging chains. Dolphins can recognize two-dimensional pictures of items they’ve previously investigated using sonar.

But this incredible ability isn’t just limited to the animals around us – humans can learn to echolocate too. Daniel Kish had his eyes removed at the age of 13 months in response to a particularly aggressive form of eye cancer. As he grew up, he started exploring the world using tongue clicks. It took him awhile to be able to put words to what he was doing – echolocating. Now, after decades of practice, Kish can take a walk around the block and tell where houses end, where a yard is versus a driveway, and where trees stand. He ducks to avoid branches of trees overhanging the sidewalk – branches he senses using echolocation.

The Earth teems with sights and textures, sounds and vibrations, smells and tastes, electric and magnetic fields. But every kind of animal, including humans, is enclosed within its own unique sensory bubble, perceiving but a tiny sliver of our immense world.

Ed Yong coaxes us beyond the confines of our own senses, allowing us to perceive the skeins of scent, waves of electromagnetism, and pulses of pressure that surround us. We encounter beetles that are drawn to fires, turtles that can track the Earth’s magnetic fields, fish that fill rivers with electrical messages, and even humans who wield sonar like bats. We discover that a crocodile’s scaly face is as sensitive as a lover’s fingertips, that the eyes of a giant squid evolved to see sparkling whales, that plants thrum with the inaudible songs of courting bugs,

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and that even simple scallops have complex vision. We learn what bees see in flowers, what songbirds hear in their tunes, and what dogs smell on the street. We listen to stories of pivotal discoveries in the field, while looking ahead at the many mysteries that remain unsolved.

At the book's conclusion, Yong warns us about the dire consequences of our disconnection from nature and reminds us of our responsibility to

the natural world and the animals that inhabit it with us. He asks us to consider the alarming increase in light and sound pollution generated by humans, which threatens to drastically diminish biodiversity and extinguish the lives of the animals around us.

Funny, rigorous, and suffused with the joy of discovery, *An Immense World* takes us on what Marcel Proust called “the only true voyage . . . not to visit strange lands, but to possess other eyes.”



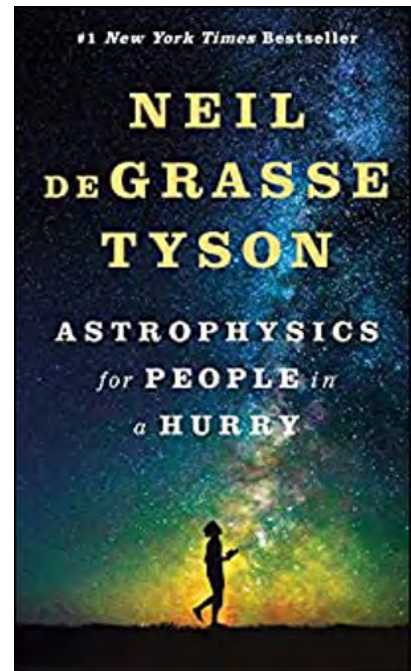
White-lined Sphinx moth by Jim West

Join us at Mockingbird Nature Park for MOTH NIGHT! April 28, 8:00 – 10:00 pm, 1361 Onward Road, Midlothian, TX 76065. Sam Kieschnick, Urban Wildlife Biologist with the Texas Parks and Wildlife Department, will be our guide. For more info, please visit <https://txmn.org/indiantrail> or our Facebook page: Indian Trail Chapter, Texas Master Naturalists

“Astrophysics for People in a Hurry” by Neil DeGrasse Tyson

Reviewed by Linda Sanford

What a great vocabulary stretcher! And, if you had the privilege of star-gazing thanks to recent astronomy events at Dogwood Canyon and Kachina Prairie, you will recognize some of these vocabulary words. So, if you want to be cosmic, live in the universe, find out how much has been discovered, get an insight on how many questions remain, and be entertained at the same time, do check out this audiobook or real book. You will get information on black holes, black matter, quarks, and the nature of space and time. I really enjoyed the info about the elements of the periodic table. Best of all, there is some great humor too!

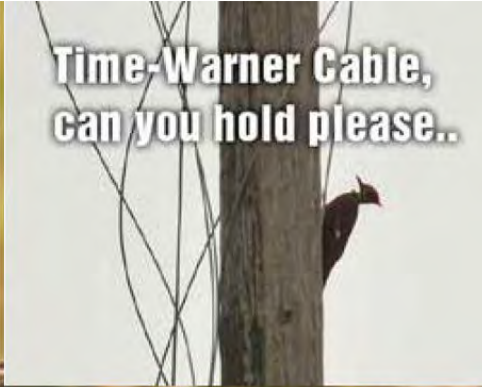


Pinhole camera time exposure by Becky Ramotowski, submitted by Dottie Love

Hey guys,
watch this...



Time-Warner Cable,
can you hold please..



Come on over here, Baby and let Mama have
a look at ya.



MR. WEST'S NEIGHBORHOOD

By Jim West
*All dialogue is
authenticated
speculation by
the author.

So, um, what you got there?



I've grown a tad weary of
roadkill so I caught this unfortunate
dove. Of course it doesn't have the
bouquet of a skunk, the range of
a possum or the tanginess of a
rabbit but, all in all, not too bad.

It doesn't matter, Floyd,
the sign says
it's a tree.



Buwaah ha ha ha...



Sup' guys.

Mornin' Ralph.

Mornin' Ralph.



Dude, look, we're vultures, we got this.



7...8...9...10 ready or not, here I come.



INDIAN TRAIL CHAPTER MASTER NATURALISTS BOARD

Chapter 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.

BOARD OF DIRECTORS

President: Rena Sutphin renasutphin@yahoo.com
Vice-President/Programs: Madeline Kelley m.a.kelley@sbcglobal.net
Treasurer: Sue Frary aggiemom@mac.com
Secretary: Maegan Bacon maegan.bacon@gmail.com
Past President: Elaine “Muffi” Ruby elaineruby@wghc.com

For additional information about the Indian Trail Master Naturalist Chapter please visit:

For the Public:

[Becoming a Master Naturalist: https://txmn.org/indiantrail/about/become-a-master-naturalist/](https://txmn.org/indiantrail/about/become-a-master-naturalist/)

General Inquiries: <https://txmn.org/indiantrail/contact-us-2/>

For ITMN Members Only:

Committee Contacts: <https://txmn.org/indiantrail/board-and-committees/>



*“Hibiscus” watercolor by Walt Davis
used with permission of the artist*