

NATURALIST NEWS

— SPREAD THE NEWS —

Cardinal by Denise Remfert



We are on the web: www.txmn.org/elmfork

PUBLICATION FROM TEXAS MASTER NATURALIST, ELM
FORK CHAPTER

NATURALIST NEWS

— SPREAD THE NEWS —

PUBLICATION FROM TEXAS MASTER NATURALIST, ELM FORK CHAPTER

Inside this Issue:

<i>Recap August Meeting</i>	3
<i>What's Next</i>	4
<i>Features</i>	7
<i>This & That</i>	12
<i>Sit a Spell</i>	17
<i>Field Notes in Focus</i>	18
<i>Reading Nook</i>	19
<i>Hold That Pose</i>	21
<i>With Pen Inhand</i>	22
<i>NN Contributors</i>	23
<i>Last Word</i>	24
<i>Who We Are</i>	25



Smooth Sumac (Rhus glabra) — courtesy Dorothy Thetford

**Check out Field
Notes in Focus—
p. 17**





Highlights From November Meeting

Photos by Denise Remfert

Special Announcements:



Tracy Durmick, CDP&R, announced that City of Denton Parks and Recreation Denia Recreation Center was awarded the TARPS award for the Junior Master Naturalist and Junior Master Gardener Camps held at Denia last year. She thanked Erin Tran and 11 Master Naturalist who helped with the camp over the years.



Andrea Tuckness, Assistant Director OLLI Program at UNT invited members to join OLLI (Osher Lifelong Learning Institute), a continuing education program offered to those 50 yrs + .



Milestone: John Williams (2016), 250 hrs



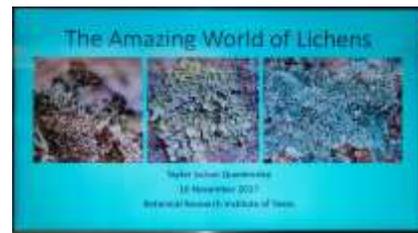
Milestone: Adelaide Bodnar (2007) 2500 hrs.



Initial Certifications included: Tonya Cauduro (2016), Melody Kelly (2016), Alice Mankoff (2016), Brenda Tucker (2016), Kim Wootton (2017)



Re-certifications included: Sheri Braton (2015), Janice Goetz (2016), Mike Hagan (2016), Kaye Jackson (2015), Beverly Lyttaker (2010), Sue Stunich (2015), Diane Wetherbee (2000)



Dr. Taylor Quedensley, presented program "The Amazing World of Lichens"



What's next?

From Mary Morrow





Tis' the Season

*The votes are in and we will be donating to the
following organizations during our
Holiday Luncheon:*

Friends of LLELA

Flower Mound Foundation

***Blackland Prairie
Raptor Center***



What's next? cont'd

From Denise Remfert



Christmas Party Silent Auction

Dec. 14
Benefiting the Charity
selected by the chapter

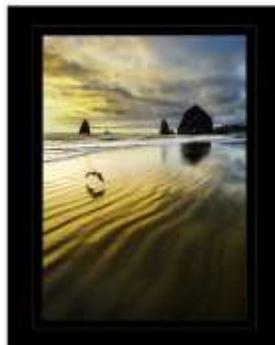
Minimum Bid \$75 Cash or Check

The first \$40 goes toward a fraction of the print cost and the remainder goes to the charity selected by the chapter.

These prints donated by Denise Remfert are 16" x 20" or 16" x 24", are professionally printed on Fuji Archival paper, mounted ready for framing, and sprayed with UV protective coating.



Moab Sunrise
May, Moab, Utah



Nature In Motion
August, Cannon Beach, OR



Sibling Rivalry
February, Yellowstone



Watercolors
February, Yellowstone



Dinner For Two
August, Hagerman NWR, TX



Aspen Abstract
September, Telluride, CO



Seeking knowledge—Features

Seeing RED at the Feeders this Holiday Season

*by Sue Yost
class of 2017*

The scarlet red Cardinal carries on his wings the glad tidings of Christmas cheer. Cardinals, [pictured on many Christmas cards,] are often referred to as “Redbirds” but just how did the Cardinal get its name?

In 1758 the Cardinal was one of the many species originally described by Carl Linnaeus, a Swedish botanist, physician, and zoologist, who laid the foundations for the modern scheme of binomial nomenclature, in the genus *Loxia cardinalis*. Subsequently in 1838, it was changed to the genus *Cardinalis* and given the scientific name *Cardinalis virginianus*, which means "Virginia Cardinal" because there were a lot of Cardinals in Virginia. Then in 1918, the scientific name was changed to *Richmondia cardinalis* to honor Charles Wallace Richmond, an American ornithologist. But in 1983 that was changed again, to *Cardinalis cardinalis* and the common name was also changed to "Northern Cardinal." The term "Northern" in the common name refers to its range, as it is the only cardinal found in the Northern Hemisphere. And the “Cardinal” name was derived from the vivid red plumage of the male, which resembles the robes of the Cardinals of the Roman Catholic Church.

Cardinals are popular birds. They are the state bird for 7 states. They are the mascot for major league baseball team the St. Louis Cardinals and the NFL’s Arizona Cardinals. There are many schools and universities that also use this bright red-crested bird as a school mascot.

Cardinals are easily attracted to backyard feeders filled with black oil sunflower and safflower seeds. They also eat a large number of insects particularly during the nesting season. They can live up to 15 years in the wild.

Some people believe...that when a loved one dies they come back to visit as a Cardinal and will frequently visit to cheer you up and let you know it’s all OK.

There is nothing prettier than seeing a bright red Cardinal after a fresh snowfall. Keep an eye out in your yard this holiday season for this red Christmas bird! Happy Holidays!





Texas Toad, *Bufo speciosus*

Joanne Fellows



First thank you to Scott Kester for identifying this little toad. “Texas toad *Bufo speciosus* oval parotid glands missing cranial crest irregular brownish spots.”

While waiting for the night hike with Ranger Rick T. to start at Lake Ray Roberts, I went wandering with my camera. This little toad hopped out, stopped and posed nicely. According to Texas Herps this toad is found in Texas and northern Mexico. It is nocturnal and likes sandy soil. It must have been starting its evening search for a meal of insects.





A TRASHY TREE

By Bob James

When I was a young boy I went on walks with my grandfather. We called them hikes. My grandparents lived in a rural area just south of Stephenville, Erath County, Texas. It was a beautiful area west of the Brazos River, the beginning of far west Texas. The Bosque River flowed south out of town and that is where we usually walked, in the woods on the margin of the river and I learned to love the woods and nature.

One day after we had crossed the Patterson's pasture and we entered the woods that paralleled the river I saw a number of large green spheres about the size of softballs on the ground. I had never seen anything like that before and I asked my grandfather what they were. He told me they were 'Horse Apples'. I asked him where they came from and he told me they were the fruit of a tree he pointed out, a 'Bodark' tree. He told me the tree had thorns all over it and most people thought it was just a 'Trashy tree'. You couldn't eat the fruit and the tree didn't put out much shade. It mostly grew in fencerows with Mustang Grape vines.

So, almost all my life I thought of the Bodark as a 'Trashy tree'. That is, until many years later, I went to Canada on a backpacking trip. While in Bella Coola, British Columbia I had the opportunity to visit a small museum of Northwest American Indian artifacts and artwork. Among all the

wooden masks, carved bowls and boxes I happen to see a beautiful bow with a quiver filled with arrows. I asked the owner of the museum about the bow. He told me the local Indian tribe had carved the bow many years ago. The finish was almost like glass and the handgrip was leather carefully sewn in place. I remarked about the finish and told him the wood must be quite hard. Then, surprisingly, he told me the wood had come from the southern United States. The wooden bow staves had been traded over trade routes for the oil from Candlefish (*Thaleichthys pacificus*) which was packed in carved wooden boxes and sent south. The bow staves were from the Bois d'ark tree. He told me the wood was highly prized and the inner bark was a deep orange. The inner bark or Xylem was used by the Indians to make dye used in cosmetics and decoration. The sap was an irritant and was used in medicine to treat skin problems.



Photo courtesy Bob James



Photo courtesy Dorothy Thetford—Female tree located on east side of Denton at Fishtrap and Countryside Dr



Seeking knowledge—*Features cont'd*



Photo courtesy Dorothy Thetford —female fruit

After returning to Texas I discovered the Bois d'ark tree was actually named by the French explorers who came down the Mississippi River through Louisiana to the Texas Gulf coast. The name means 'wood of the bow'. It is locally called a 'Bodark' tree but the modern name is 'Osage Orange' (*Maclura pomifera*). The leaves are ovate and about 4 inches long, untoothed, not pinnate and a bright glossy green. The flowers are small, yellow and appear on both male and female trees. The fruit or 'Horse Apples' are bright yellow and up to 5 inches in diameter. The trees grow in fencerows because they have a shallow root system and are easily blown over in windstorms. The trees are sometime mistaken for Honey Locust tree (*Gleditsia triacanthos*) because they both have vicious thorns. The Honey Locust has pinnate leaves about 1 1/2 inches long where the Osage Orange leaves are larger and appear randomly on the twig.

I found that the Osage Orange tree was not so trashy after all. It might not be as stately as the native Pecan, the Live Oak or the Cottonwood but it is a tree with an important history. The bow staves are still used by Bowyers today to build primitive bows.

If you are careful you can still see Bodark trees in fencerows along Texas highways. There are several Osage Orange trees in South Lakes Park. They are not too noticeable until they drop their fruit, the 'Horse Apples', in the late spring or summer.



"Nathless I have been true amid the wood,
And many a new thing understood,
That was rank folly to my head before." Ezra Pound

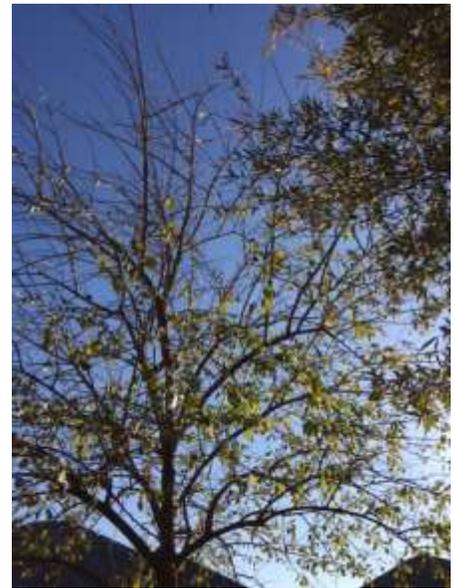


Photo courtesy Dorothy Thetford
—Bois d'arc close to Lattimore
and Audra Lane along with fruit
from tree commonly called "horse
apples."



Photo courtesy Dorothy Thetford



Seeking knowledge—*Features cont'd*

From Marilyn Blanton

Possumhaw Holly--Have a Holly Jolly Christmas!



The possumhaw holly, *Ilex deciduous*, is a small native holly that has a range extending over the southeastern part of the United States and north to Illinois. It grows as a shrub or small tree reaching 15 to 25 feet with a spread up to 15 feet.

The female possumhaw holly is known for its beautiful orange to red berries.

The berries are green as they develop during the summer from the tiny, inconspicuous, white flowers that bloom in the spring. Late in autumn when the holly's dark green, glossy leaves turn yellow and fall, the red berries stand out against slender gray branches. The berries are eaten by opossums, raccoons and other mammals and a number of gamebirds and songbirds including mockingbirds, cedar waxwings, robins and cardinals.

Possumhaw hollies provide wonderful color in the fall and winter. They develop more berries when grown in full sun but will tolerate some shade. They will grow in most soil types but prefer moist soil. They are adaptable and drought tolerant.





This and That

Texas Discovery Gardens

From Becky Bertoni

Remembering Jim Varnum—

Thanks to the North Texas Master Naturalists for our new Hummingbird Garden, dedicated in memory of **Jim Varnum**. It was designed by our Director of Horticulture, Roger Sanderson, and installed by Deric Martin and Milton Bryant, our staff Gardeners, and John Wilt, Board member and volunteer extraordinaire.



From Shannon Bushong



After the presentation at November meeting, I remembered these lichen photos I took a couple of weeks ago in Arkansas on the Talimena Scenic Drive.

Photo 1 is their Lichen covered sign, Photo 2 is a moss and lichen combination on a tree.



From Kathryn Wells

The 2017 class presented each person on the training committee with a dragonfly Christmas ornament to express thanks for their time and work in helping to train the class up in the way they should go!



Left to Right:
Ray Kreutzfeld, Dan Prins, John Williams, Clay Thurmond, Harriet Powell, Erin Piper, Irene Hanson

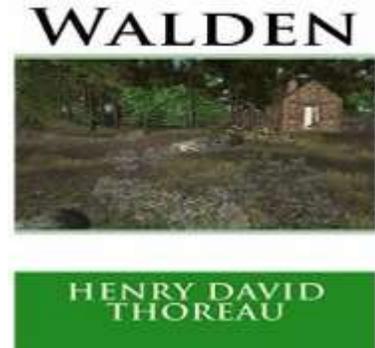


This and That cont'd

From Becky Bertoni

BRIT Reads Book Club - 2018 Reading List

The BRIT Reads Book Club, which has been meeting the third Monday of the month for the last two years, is pleased to announce their 2018 reading list. This list, which includes both fiction and non-fiction, classics and new works, was selected by members of the BRIT Reads Book Club from a larger list of books that was suggested by BRIT staff and book club members. Please join us as we work our way through this fascinating reading list!



For more information, please visit our [webpage](#), or contact [Laura Venhaus](#).

- January 15, ***Walden*** by Henry David Thoreau
- February 19, ***Half Earth: Our Planet's Fight for Life*** by E.O. Wilson
- March 19, ***The Wonder of Birds: What They Tell Us About Ourselves, the World, and a Better Future*** by Jim Robbins
- April 16, ***Silent Spring*** by Rachel Carson
- May 21, ***Weeds: In Defense of Nature's Most Unloved Plants*** by Richard Mabey
- June 18, ***The Signature of all Things*** by Elizabeth Gilbert
- July 16, ***The Triumph of Seeds: How Grains, Nuts, Kernels, Pulses, and Pips Conquered the Plant Kingdom and Shaped Human History*** by Thor Hanson
- September 17, ***The Sixth Extinction: An Unnatural History*** by Elizabeth Kolbert
- October 15, ***The Sound of Butterflies: A Novel*** by Rachel King
- November 19, ***Braiding Sweet Grass: Indigenous Wisdom, Scientific Knowledge and the Teachings of Plants*** by Robin Kimmerer



Killdeer filling the walk at Hagerman comes from Alex Lieban



This and That cont'd

From Mary Morrow



Carroll Courts Bldg.
401 W. Hickory
Denton



DCAC Technology and Elections Bldg
701 Kimberly Drive
Denton

EFCMN CHAPTER MEETING LOCATIONS



Southwest Courthouse
6200 Canyon Falls Dr
Flower Mound





This and That cont'd

From Mary Morrow

2018 Elm Fork Chapter - Meeting Dates Calendar

Annual Planning Meeting - Thursday, January 4, 2018, Carroll Courts Bldg, Room 507 – 2017 and 2018 Board members.

Board Meeting Dates – all meetings at the Carroll Courts Bldg, Room 507, starting at 9:30 A.M., the 2nd Thursday of each month, except December)

Jan 11
Feb 8
Mar 8
Apr 12
May 10
Jun 14
Jul 12
Aug 9
Sep 13
Oct 11
Nov 8
Dec 6

Chapter Meeting Dates – all meetings start at 9:00 A.M. with a meet and greet, business meeting begins at 9:30 A.M. followed by a presentation unless noted below*. Meetings are the 3rd Thursday of each month except December.

Jan 18 – Elections Bldg
Feb 15 – Southwest Courthouse ***Annual Awards Meeting***
Mar 15 – Southwest Courthouse
Apr 19 – Southwest Courthouse
May 17 – Southwest Courthouse
Jun 21 – Southwest Courthouse
Jul 19 - Elections Bldg ***Open House*** room available from noon to 5:00pm, Wednesday, Jul 18, for set-up
Aug 16 – Elections Bldg
Sept 20 – Southwest Courthouse
Oct 18 – Southwest Courthouse
Nov 15 – Elections Bldg
Dec 13 – Elections Bldg ***Holiday Party*** room available from noon to 5:00pm, Wednesday, Dec 12 for setup. Holiday Party begins at 10:00 A.M.



DCAC Technology and Elections Bldg
701 Kimberly Drive
Denton



Southwest Courthouse
6200 Canyon Falls Dr
Flower Mound



Carroll Courts Bldg.
401 W. Hickory
Denton



This and That cont'd

From Mary Morrow

2018 EFCMN Slate of Officers



ADELAIDE BODNAR - PRESIDENT

Master Naturalist Class of 2007

2007-2009 DFW Wildlife Coalition Hotline volunteer

2007-present Benthic Monitoring Project, co-chair with John Bodnar since 2009

2008-present Certified Water Quality Monitor with Texas Stream Team

2009-present LLELA nest box monitor (for 2 years coordinated data input)

2015-present LLELA volunteer with Bird Banding Projects

Longtime member of Cornell Laboratory Feeder Watch.

Worked for 35 years in various medical laboratories, the last 16 years as a Toxicology Supervisor responsible for the Gas Chromatography/Mass Spectrometer operations.

BRENT FARLER - VICE PRESIDENT

Master Naturalist Class of 2016

Previous board experience: Four years as Treasurer of Our Daily Bread in Denton, member of the Finance Committee of Arlington Gem and Mineral.

Retired from managing a Strategy Consulting practice for Federal, State and Higher Education clients of Accenture LLP 1996-2011. Previous experience in Banking and Technology.



BRENDA WELLENREITER - TREASURER Master Naturalist Class of 2014.

Her work background was in oil and gas accounting and financial planning. She also has experience in non profit accounting with the Denton County Master Gardeners, Denton Freedom House and horse associations. She was EFCMN Treasurer in 2017.

JOHN WILLIAMS - SECRETARY

Master Naturalist Class of 2016

I have been in sales and management most of my life. I was raised in South Georgia and have lived in several states. I moved back to Texas in 2011.

I have been involved with the Training Committee, SWAT, Elm Fork Education Center, and the Interpretive Center Lake Ray Roberts State Park.





Relax a Spell and Enjoy the View of all Things Red



Unusual shaped Mushroom — Jonathan Reynolds



**Pomegranate from Kathryn Wells—Although native to the Middle East, this beautiful photo brings to mind the bells of Christmas.



Into the sunset—Dorothy Thetford



Turk's cap — Mary Morrow



At Elmfork — Jonathan Reynolds



FIELD NOTES IN FOCUS



**Snow on Possumhaw Holly (*Ilex de cidua*)--
From the gallery of Kathryn Wells**

*Featuring Master Naturalist photographers—
flora and fauna as you see them*



Into the Reading Nook— sharing your treasures

From Betty Zajac

I thought since it is Christmas my book selection would be a series of great books for kids. Maybe someone needs a gift idea for their grandchildren.

The series is called "**Scientist in the Field, Where Science Meets Adventure**". There is 26 books in the series. I have read several. Some of the titles include Park Scientists, The Wildlife Detectives, Sea Turtles, Bats, Tracking Trash, Polar Bears, and many more.

Taken from the website at:

sciencemeetsadventure.com

"The Scientists in the Field series shows people immersed in the unpredictable and dynamic natural world, making science more accessible, relevant, and exciting to young readers. Far from the research laboratory, these books show firsthand adventures in the great outdoors—adventures with a purpose. From climbing into a snake den with thousands of slithering snakes to tracking wolves, swimming with hammerhead sharks, and collecting bugs, readers experience the thrill of discovering the unknown.

The Scientists in the Field series has been deemed consistently excellent, imaginative, engaging, and informative. The series provides a broad range of curricular opportunities that will both teach and entertain children."





Into the Reading Nook— sharing your treasures

As follow-up from November meeting, this information courtesy Jeanne Erickson



Here is a list of lichen information resource suggestions from Mary Curry:

All the books in their introductions go over some of the basics which can be helpful. Each author has a different way of explaining lichen information and details, but sometimes just knowing what to look for through the photos helps as they show the variety of lichen forms.

Not so expensive books on lichens:

Lichen Study Guide 2017 by Sheila A. Strawn - excellent resource for learning the basics of lichens, available at BRIT, color photos

How to Know The Lichens 1969 by Mason E. Hale - a little dated but the basics still good. Has a key for a small number and variety of lichens, black & white

Common Lichens of Northeastern North America 2014 by Troy McMullin & Frances Anderson - arranged nicely by the substrates different species are found on, color photos

A Field Guide to California Lichens 2014 by Stephen Sharnoff - arranged by major group types, color photos

Common Rocky Mountain Lichens 1999 by Larry L. St. Claire - has a key and species listed in alphabetic order, color photos

Walk Softly Upon the Earth 1985 by Lisa Potter Thomas and James R. Jackson, PhD - A Pictorial Field Guide to Missouri Mosses, Liverworts and Lichens - a nice guide that has only 12 lichens shown but the mosses and liverworts are good to know as well, photos and drawings

Common Lichens of Ohio Field Guide 2017 by Ray Showman and Division of Wildlife Ohio Department of Natural Resources - a small guide of 78 pages 66 species, color photos, free

Expensive books on lichens:

Lichens of North America 2001 by Irwin M. Brodo, Sylvia Duran Sharnoff, Stephen Sharnoff (\$125) This book presents color photographs, descriptions, distribution maps, and keys for identifying the most common, conspicuous, or ecologically significant species of lichens in North America.

Keys to Lichens of North America 2016 by Irwin M. Brodo, not expensive (\$30) but is the companion book that goes with *Lichens of North America* above; it compiles updated and expanded keys for the identification of North American lichens. A glossary is illustrated with photographs by Sylvia Duran Sharnoff and Stephen Sharnoff and drawings by Susan Laurie-Bourque, all from the original book

Lichen Flora of the Greater Sonoran Desert Region Volumes 1-3 2002 by T. H. Nash III, B. D. Ryan, P. Diederich, C. Gries and F. Bungartz, hard to find

Websites about lichens that are useful:

<http://lichenportal.org/portal/> - The Consortium of North American Lichen Herbaria (CNALH) was created to serve as a gateway to distributed data resources of interest to the taxonomic and environmental research community in North America. Through a common web interface, they offer tools to locate, access and work with a variety of data, such as keying to species. Mary finds the maps on this site useful.

<http://www.sharnoffphotos.com/index.html> - a great way to see a lot of photos of different lichens for free; has species names, substrates and locations but no descriptions

<https://www.fs.fed.us/wildflowers/beauty/lichens/resources.shtml> - USDA web site with lichen links and resources



Hold that Pose



Swallows nesting at Lake Ray Roberts—courtesy Jonathan Reynolds





With Pen in Hand ..



BYE-BYE, SO LONG, BUT NOT FAREWELL

IT'S BEEN THREE YEARS AS SECRETARY OF EFCTMN...MY DOG, GUNTHER, LET ME KNOW WHAT A SNOOZE FEST THE MINUTES ARE—SO TIME TO PASS THE TORCH...IT HAS BEEN INTERESTING, EDUCATIONAL AND MOST OF ALL FUN.

THANK YOU EVERYONE FOR ALLOWING ME TO SERVE THE CHAPTER. I WILL BE AROUND THO - TAKE CARE...MARY

iNATURALIST PROJECT LEAD,
MEMBERSHIP COMMITTEE CHAIR,
VMS TEAM MEMBER





—Naturalist News Helpers this Month—
Thank you contributors



Wanda odum
class 2005 —
NN editor



Denise Remfert class 2015

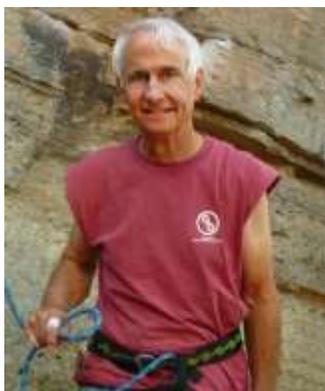


Betty Zajac class 2003



Mary Morrow class 2014

Judy Elliott class 2009



Jonathan Reynolds 2014



Joanne Fellows class 2008



Sue Yost 2017



Kathryn Wells 2017

Shannon Bushong 2017



Alex Lieban was class 2005



Becky Bertoni class 2015



Dorothy Thetford
class 2001



Marilyn Blanton class 1999



Jeanne Erickson transfer



Bob James transferred—
refresher with class 2017



Last Word

"Nature" is what we see –
 The Hill – the Afternoon –
 Squirrel – Eclipse – the Bumble bee –
 Nay – Nature is Heaven –
 "Nature" is what we hear –
 The Bobolink – the Sea –
 Thunder – the Cricket –
 Nay – Nature is Harmony –
 "Nature" is what we know –
 Yet have no art to say –
 So impotent Our Wisdom is
 To her Simplicity.

Emily Dickinson, "Nature Is What We See"



Turk's Cap (*Malvastrum arboreum* var. *drummondii*)
— courtesy Kathryn Wells

NATURALIST NEWS is always looking for contributors!

Articles about plants and animals especially needed for
the newsletter. **Need good books sharing for "Reading Nook" section. Send**
to w. odum, editor

Send your idea for Last Word to wanda odum, Naturalist News editor



Thank you Contributors during 2017.

— Let's do it again and grow together in 2018.
"Build it and they will come", as the saying goes.



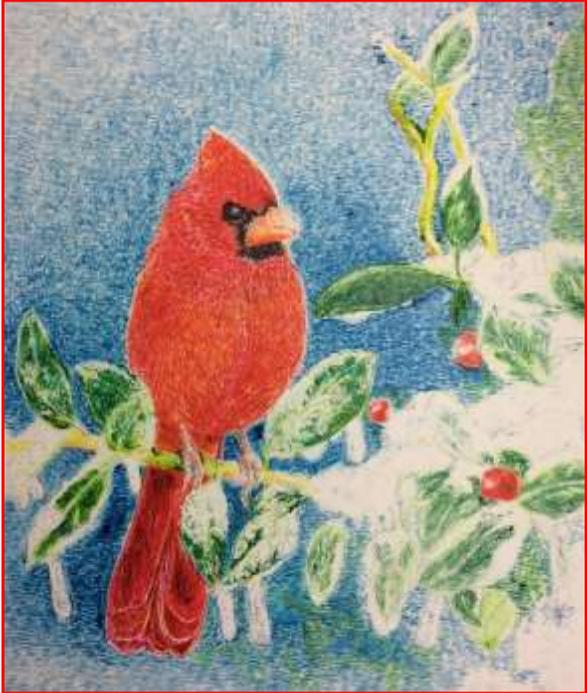


Texas A&M AgriLIFE Extension
 Joseph A. Carroll Building
 401 W. Hickory Street
 Denton, TX 76201—9026
 940-349-2883



Our mission. . . "to develop a corps of well-informed volunteers who provide education, outreach, and service dedicated to the beneficial management of natural resources and natural areas within our community"

Our vision. . . "In our community, Elm Fork Chapter of the Texas Master Naturalist program will be recognized as a primary source of information, education and service to support natural resources and natural areas today and in the future."



Cardinal
 (ballpoint pen)
 —w odum

Board of Directors

- PRESIDENT—Don Fikes
- IMMEDIATE PAST PRESIDENT—Ray Kreuzfeld
- VICE-PRESIDENT—Mike Danner
- SECRETARY—Mary Morrow
- TREASURER—Brenda Wellenreiter
- CLASS REPRESENTATIVE—Tonya Cauduro
- MEMBER-at-LARGE—Bill Coleman

COMMITTEES:

- Communication: e-mail Donna Wolfe; website Martha Peet; Naturalist News Wanda Odum
- Opportunities/Projects: Diane Kohlhase
- Publicity: Sheri Bratton
- Training: Harriet Powell, Erin Piper, co-chairs
- ADVISORS:
- Janet Laminack, Extension Agent
- TPWD—Ricardo Torres

Regular Monthly Chapter Meetings

Regularly, 9:30 a.m. preceded by a social time at 9:00 a.m. on the third Thursday of each month. Chapter meetings are open to the public.
 Next meeting is 10 am to 1 pm December 14, 2017:



Christmas Party/Luncheon

Meeting will be at:
 701 Kimberly Drive
 Denton, TX 76208-6301

Denton Elections Technology Services Bldg.

Board Meetings

The Board meets each second Thursday of the month at 9:30 a.m.
 The Board last met December 7, 2017. Next monthly Board meeting is January 11, 2018. Board Planning January 4, 2018.

Monthly Board meetings are open to members.