

CLAYTONIA

Newsletter of the Arkansas Native Plant Society

Volume 36, No 1
Spring 2016

Special Feature ENCYCLOPEDIA OF ARKANSAS HISTORY AND CULTURE, *article by Don Culwell, Charter Member, ANPS*

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THE ARKANSAS NATIVE PLANT SOCIETY (ANPS)

The Arkansas Native Plant Society (ANPS) was formally organized on September 20, 1980, at a statewide meeting in Mena, AR, with adoption of bylaws and election of officers Don Culwell (president), Gwen Barber (vice president), Richard Davis (secretary-treasurer), and Robert Wright (newsletter editor-historian). Regular meetings are held in the spring and fall each year for business, presentations, and field trips. The ANPS newsletter, *Claytonia*, is published preceding spring and fall meetings. Issues of *Claytonia*, Bylaws, resource links, event listings, etc. are located on the society's website, www.anps.org.

The society was established to promote 1) the preservation, conservation, study, and enjoyment of the native plants of Arkansas, 2) the education of the public regarding the value of native plants and their habitats, and 3) the publication of related information.

Memorial awards are made each year in honor of Arkansas botanists Dwight Moore, Delzie Demaree, Carl Amason, Aileen McWilliam and to recognize and support Arkansas botanical achievement in research and conservation efforts.

Historically, on November 17, 1979, consideration to form ANPS occurred at the annual Arkansas Biological Curriculum Development Conference on the campus of the University of Central Arkansas. In a session discussing endangered plants, the idea of a state organization promoting native plants and those of endangered status took root. Present during the

ABCD Conference were Dr. Don Culwell (University of Central Arkansas), Dr. Gary Tucker (Arkansas Tech University), Dr. Jewel Moore (UCA), Dr. Leon Richards (Arkansas State University), Dr. Ron Doran (Harding University), Gwen Barber of Mulberry, and Richard Davis and Bill Shepherd of Arkansas Natural Heritage Commission.

The steering committee first met in December of 1979 in Little Rock; discussions took place dealing with the purposes and goals of such a society and how they could be met. Letters were mailed throughout the state to persons with potential botanical interest.

The second meeting of the steering committee occurred on March 1, 1980, at UCA. Acting officers were Don Culwell, president; Richard Davis, secretary/treasurer; Dr. Robert Wright (UCA), newsletter editor. Also present at the meeting were Dr. Tom Clark and Dr. Art Johnson (both from Hendrix College), Jewel Moore, Dr. Dan Marsh (Henderson State University), Richard Davis and Bill Shepherd of Arkansas Natural Heritage Commission, Gary Tucker, and Gwen Barber.

The steering committee's third meeting occurred on March 28, 1980, during the Arkansas Academy of Science meeting at ASU in Jonesboro. The constitution committee (Robert Wright, Jewel Moore, Art Johnson and Tom Clark) reported its work and plan for ratification at the fall meeting.

Activities over the years have included numerous statewide field trips noting native vegetation from a perspective of education, preservation, and personal enrichment. ANPS has

(Continued from previous page)

been involved in the monitoring of local plant populations and legislative action relating to native vegetation, the management of roadside native plant populations (in cooperation with the Arkansas Highway and Transportation Department), and wildflower and woody plant identification workshops. An annual program involving the auction of potted native plants, seeds, and plant products has provided funding for ANPS memorial awards. Professional botanists within ANPS have written the *Checklist of the Vascular Plants of Arkansas* as well as the *Atlas of the Vascular Plants of Arkansas*, which documents all native and naturalized vascular plants growing in the state by county location.

ANPS membership began in 1980 with 104 charter members and in 2014 has grown to approximately 450 members, located in Arkansas as well as regionally in the US.

Editor's Update: As of February 1, 2016 there are about 541 members in the Arkansas Native Plant Society!



Don Culwell, Professor Emeritus, University of Central Arkansas, spends his winters in Florida wandering the beach and setting up impromptu learning situations. His audience looks to be very interested.



Before: Giant Swallowtail larva resembles bird poop to hide in plain sight from predators. Photo by Virginia McDaniel at Ninestone Land Trust.

After: Adult Giant Swallowtail in all its glory.

Ninestone Land Trust

This winter, on January 30, 2016, with the monies granted by Arkansas Native Plant Society, the stewards of Ninestone Land Trust, Inc. were able to conduct their second prescribed burn on glade and savannah areas with the services of Ozark Ecological Restoration, Inc. (OERI).

Restoration of habitat at Ninestone Land Trust in Carroll County, AR, began in the early 2000s when the stewards there removed dozens of young Red cedar, *Juniperus virginiana*, that had invaded the sandstone glade and wooded areas on the bluff. Treatment of *Sericea lespedeza*, *Lespedeza cuneate*, by OERI followed on both of the sandstone glades, a pine and oak savannah, and one small pasture. In 2010 many more cedars and Honey locust, *Gleditsia triacanthos*, that were shading out and displacing other native species were removed and the first prescribed burn was completed on all areas in 2011. This restoration work to allow native grasses, forbs, and legumes to return from the soil seed bank and provide habitat for appropriate communities of plant and animal species will be ongoing.

Prescribed burns reduce excessive amounts of grasses, brush, and introduced invasive species, recycling nutrients back into the soil. This encourages new growth of native vegetation that is promoted by periodic burns. Prescribed burns improve habitat for many declining, threatened, and endangered native plant and animal species, who depend upon the periodic fires that occurred in the pre-settlement period prior to fire suppression practices.

The stewards of Ninestone are grateful for the assistance they received from Arkansas Native Plant

Society, Arkansas Natural Heritage Commission, Arkansas Audubon Society Trust, Northwest Arkansas Audubon Society, the Greg and Sheila Galbraith Donor Advised Fund through Ozark Regional Land Trust, and Ozark Ecological Restoration, Inc.

Upper right: Judith Ann Griffith graciously hosted a field trip to the Ninestone Land Trust. ANPS provided a grant to support site restoration on this awesome piece of the Ozarks. Photo by Michael Weatherford.

Below: OERI crew has burn on bluff glade well engaged. Photo by Gary Milczarek.

Bottom: Prior to burn Judith Ann Griffith raked leaves and pruned brush 3 to 5 feet away from bases of numerous mature white oaks in part of bluff glade. Photo by Judith Ann Griffith.



Devil's Eyebrow Natural Area Field Trip Report

By Eric Hunt

A diverse and excited group of 15 native plant enthusiasts gathered at the parking lot of Devil's Eyebrow Natural Area a few miles to the northwest of Eureka Springs on Saturday October 10, 2015, ready for an afternoon of exploring the newest Natural Area in the state of Arkansas.

The walk started along an old logging road leading into the Natural Area. Our first stop was to observe an Ozark Chinquapin (*Castanea ozarkensis*) that had regrown from the stump of the original tree killed by chestnut blight. Further down the road we started our descent down to the creekbed. We noticed how the plant community shifted as soils became more acidic due to a band of chert.

When we reached the creekbed we shifted from the logging road into the creek. It was the end of a fairly normal summer in the Ozarks-dry but no severe drought. The creekbed was mostly dry and rocky and easily traveled with no need for waterproof footwear. Right where we entered the creek was a stand of the uncommon Ovate-leaf Catchfly (*Silene ovata*) growing on the steep bank. The distinctive foliage was fading with the onset of fall but there were still a few fresh flowers for the photographers.

Our constant floral companion throughout the entire walk up and down the creekbed was Great Blue Lobelia (*Lobelia siphilitica*), growing from every little nook and cranny in the creek and up the banks. The intensely blue flowers demanded attention!

The walls of the small canyon formed by the creek held long vines of Yellow Honeysuckle (*Lonicera flava*) hanging over the water from the bluff above. Here and there were alumroots (*Heuchera* sp.) and Eastern Columbine (*Aquilegia canadensis*) growing from small ledges or cracks in the rock.

Sassafras (*Sassafras albidum*), Dogwood (*Cornus florida*) and Sugar Maple (*Acer saccharum*) were putting on their fall color show while Spicebush (*Lindera benzoin*) flashed red berries at us. A few people had never smelled a crushed spicebush berry so we stopped to examine one. A couple fall mushrooms had made their appearance, including Lion's Mane (*Hericium erinaceus*) and Coral Tooth Fungus (*Hericium coralloides*).

Our destination was a large bluff shelter formed in a bend in the creek. As we progressed down the creekbed, we noticed that the creek itself was appearing and disappearing as a series of springs and sinks. Really neat geology. A particularly interesting find was Water-pimpernel (*Samolus parviflorus*) growing in the creek bed.

Once we reached the bluff shelter our noses let us know we were surrounded by ripening Paw-paws (*Asimina triloba*)! The fragrance was unmistakable. A few people wandered off in search of the fruits and soon came back with a small handful-enough for everyone who wished to taste this most amazing of all North American fruits.

Everyone agreed that Devil's Eyebrow is one of the crown jewels of the Arkansas outdoors.

Happy hikers followed the steep trail down to the creek of Devil's Eyebrow Natural Area west of Eureka Springs. Trip leader Eric Hunt is in the back row upper right. Photo by Michael Weatherford.



Devil's Eyebrow Natural Area

photos by Eric Hunt



Clockwise from top left:
Lion's Mane (*Hericium erinaceus*),
Paw-paw enjoyment, photo by Michael Weatherford,
The Mother Lode of Paw-paws (*Asimina triloba*),
Sassafras (*Sassafras albidum*),
Spicebush (*Lindera benzoin*).

Lake Leatherwood City Park

By Virginia McDaniel and Jennifer Ogle



Parrot's Feather, *Myriophyllum aquaticum*, photo by Virginia McDaniel.

During the Lower Ordovician Period, approximately 485-443 million years ago, Arkansas was covered by a shallow sea. Layers of dolomite and limestone were forming on the sea floor as trilobites and other creatures we only know from the fossil record inhabited the waters. But one organism that existed during that time still exists today: Stromatolites! Stromatolites are "layered bio-chemical accretionary structures" that form in shallow water whereby sedimentary grains are layered and cemented on top of each other by biofilms of microorganisms like cyanobacteria. These phenomenal organisms have inhabited the earth for 3.5 billion years!!!! Living stromatolites were discovered in Shark Bay, Western Australia in 1956 and continue to be found around the world, like in the thermal pools in Yellowstone National park. We had the opportunity to see fossilized stromatolites on the walk at Lake Leatherwood City Park during our fall meeting. Neat!

Lake Leatherwood City Park is located in the heart of the Ozark Region, a few miles northwest of Eureka Springs in Carroll County. (Interestingly, the county was named after Charles Carroll, the last living signer of the Declaration of Independence.) The spring-fed lake was created in the 1940s by the building of one of the largest hand-cut native limestone dams in the United States. Enough history, let's get to the plants!

The walk began in a heavily used area along the lake and we weren't surprised to find a number of exotic invasive plants. While the delicate blue-green feathery leaves of parrot's-feather (*Myriophyllum aquaticum*) that choked the shoreline were somewhat inviting, we know that these plants have no

natural predators and thus provide no benefit to the ecosystem. They take up space, light, and nutrients and give nothing (habitat or food) in return. Parrot's-feather is native to the Amazon River in South America but is now found on every continent except Antarctica! We know we are preaching to the choir, but it never hurts to reiterate the problems caused by invasive species.

We saw many native species along the water's edge as well, including duckweed (*Lemna* sp.), which is one of the smallest flowering plants in the world, nodding bur-marigold (*Bidens cernua*), beggar-ticks (*Bidens frondosa*), square-stem spike-rush (*Eleocharis quadrangulata*), and cat-tail (*Typha* sp.).

We learned an incredible amount about trees, but I (Virginia) have to say my favorite one was the sycamore (*Platanus occidentalis*). I've known the sycamore for years with its stark white branches, jigsaw-patterned brown and green trunk, and densely packed fruit ball. But I had never noticed the buds, or the lack of a bud at the base of the leaf. And that is because the buds of the sycamore (and other genera, including *Cladrastis*, or yellow-wood) are infrapetiolar, or hidden beneath the petiole. Rather, the leaf petiole widens at the base to completely surround and protect the bud. I've looked for a reason for this development, but have come up empty. In any case, it was fascinating and fun.

After walking past the lake and the fields we entered the forest where we saw a number of wonderful natives, including

woody plants such as Ohio buckeye (*Aesculus glabra*), pawpaw (*Asimina triloba*), spicebush (*Lindera benzoin*), rusty blackhaw (*Viburnum rufidulum*), and blue ash (*Fraxinus quadrangulata*) as well as herbaceous plants such as downy wood mint (*Blephilia ciliata*), Carolina elephant's-foot (*Elephantopus carolinianus*), Jacob's-ladder (*Polemonium reptans*), wild ginger (*Asarum canadense*), white snakeroot (*Ageratina altissima* var. *altissima*), Canadian black-snakeroot (*Sanicula canadensis*), and grasses, including bearded shorthusk (or what Virginia likes to call shattered glass grass) (*Brachyelytrum erectum*) and American beak grass (*Diarrhena americana*).

When we came to a small dry creek bed we found three species in the Nettle Family-clearweed (*Pilea pumila*), false nettle (*Boehmeria cylindrica*) and wood-nettle (*Laportea canadensis*). While a very nice find to see all three species in one area, what interested us were the black and white spikey caterpillars munching on the leaves. Luckily we had a butterfly expert along who informed us they were the larval stage of the red admiral. For me this brought everything home. We all enjoy native plants for their beauty and intrinsic value, but ultimately they serve a far more important function. They provide food and shelter for hundreds and thousands of insects, like the red admiral, who will go on to pollinate, not only native plants, but also our food crops. The loss of pollinators can be attributed to many factors, but most experts agree that the loss of native habitat is the number one cause. Not to be overly dramatic, but understanding this concept is critical to our survival. Nature doesn't need us, we need nature.

Morning group, photo by Jennifer Ogle.



ANPS Fall 2015 Meeting

Recap, by Michael Weatherford

The ANPS 2015 fall meeting in Eureka Springs was a huge success, with record attendance, great programs, awesome field trips and the biggest native plant auction we have ever held.

We need to say “thank you” to many folks who made the meeting a success. First, we owe a great big special THANK YOU to three of our local members who contributed so much to the success of this meeting. Steven Foster, well-known author, photographer, international consultant and lecturer, not only presented a fascinating program on myths and medicine from plants in Arkansas but also led field trips around Black Bass Lake in Eureka Springs on Saturday and Sunday. Judy Griffith, co-founder and steward of Ninestone Land Trust, updated our group on habitat restoration work being done at Ninestone and graciously hosted us for a field trip on land trust property near Berryville. Lorna and Craig Trigg Hirsch, owners of Fire om Earth Retreat Center and Botanical Sanctuary in Eureka Springs, updated our group on habitat restoration progress at Fire om Earth and opened their place for visits from meeting attendees.

Thanks to Donald Nelsen, PhD candidate at the University of Arkansas Fayetteville, recipient of a research grant from ANPS, who presented a detailed report on his assessment of communities of ectomycorrhizal fungi associated with the roots of trees native to the Ozarks. We appreciate the work Donald is doing.

Another “thank you” goes to the Master Naturalists and Master Gardeners (many of whom are ANPS members)

who share our passion for native plants. Good to see you at the meeting.

Finally, we thank all of our “regulars”, those ANPS members who always show up to lead field trips, run the native plant auction, provide food and take care of all those details associated with making our meetings a success. The Society’s membership includes the best botany professionals and botany enthusiasts in Arkansas (or anywhere). We are grateful for their willingness to share their knowledge with anyone interested in native plants (even knuckleheads like the author of this article!).



MaryAnn King, owner of Pine Ridge Gardens native plant nursery, auctions off an Aquatic Milkweed (*Asclepias perennis*) plant grown at her nursery. Photo by Michael Weatherford.

Remember to check out the full-color version of the Claytonia by going to the ANPS website, <http://anps.org/newsletters/>. Select the edition you are interested in and enjoy!

President Jennifer Ogle welcomes record crowd to the fall meeting. Photo by Michael Weatherford.





Left - Brent Baker, in addition to being a plant auctioneer during the ANPS Fall Meeting, sells a wide variety of gorgeous tee shirts available only at the ANPS biannual meetings.

Photos by Michael Weatherford.

ANPS 2015 Fall Meeting Eureka Springs

Below - Steven Foster and MaryAnn King answer questions along Black Bass Lake trail during ANPS Fall Meeting 2015.



Below - John Simpson, long-time ANPS member, has already snagged a Scarlet Rose Mallow and is now bidding for that rare native plant he's "just got to have."

Photo by Michael Weatherford.



Right - Bidders examine hard-to-find native plants prior to start of the auction. Photo by Michael Weatherford.

ANPS 2016 Walks, Welcome All!

When: Sunday March 20, 10:00 AM

Where: Haw Creek Falls Campground - Ozark Highland Trail

What: Join Eric Hunt & Jennifer Ogle on the search for spring ephemerals. Located in the south-central part of the Ozarks, Haw Creek Falls Recreation area is situated in a mature forest with a healthy understory of diverse wildflowers. Early spring bloomers include Spicebush, Eastern Leatherwood, Hepatica, Large-flowered Bellwort, Fawn Lilies, Dutchman's Breeches and more. We will explore the areas immediately surrounding the campground and up onto the Ozark Highlands Trail. If time allows, we might visit nearby Pam's Grotto waterfall.

Directions to Haw Creek: From Hagarville, take Arkansas 123 north for 14 miles. From Pelsor, take Arkansas 123 west for 12 miles. Contact Eric Hunt, ericinlr@gmail.com or 415-225-6561, to sign up for this walk. Rain cancels.

When: Saturday April 9, 8:00 AM-4:00 PM

Where: Audubon Arkansas Nature Center at Gillam Park in Little Rock & Burns Park in North Little Rock

What: Central Arkansas Master Naturalists Wildflower Day

Join our friends from CAMN tour native trees, shrubs and wildflowers of Central Arkansas. Led by members of ANPS, there will be walks at both locations (see above). The schedule still being finalized, to sign up, contact Eric Hunt, ericinlr@gmail.com or 415-225-6561. Participation limited to 20 people.

When: April 22-24

Where: Hot Springs

What: ANPS Spring Meeting. See page 20 for more information. Check the ANPS website for update information about hikes scheduled for April 23, 24.

When: May 24, 10:00 AM

Where: Meet at Burl's Country Smokehouse in Crystal Springs

What: Join Forest Botanist Susan Hooks & sidekick Virginia McDaniel for a trip to the Forest Service Seed Orchard in Mt. Ida. They will discuss harvesting and processing of native grass and forb seeds. Also check out the flora of the fire-maintained pine woodland community. If time allows, we will visit the glades and grasslands of Mauldin Fields just west of town. Bring lunch and water. Please call Virginia McDaniel (828-545-2062) or Susan Hooks (501-282-5365) to confirm attendance or for more information.

When: May 13, 1:00 PM

Where: SW Little Rock area

What: Seed collector Jessica Brown has discovered several populations of Scarlet Oak in central Arkansas, Saline and Pulaski counties. Brent Baker, Eric Sundell and Jessica will lead a trip to those populations. One of Arkansas' rarest trees,

Scarlet Oak was previously known in the state only from a few scattered sites on Crowley's Ridge.

Meet at SW corner of new Bass Pro Shop parking lot just NW of the intersection of I-30 and I-430 in SW Little Rock. The parking lot is large: turn in off the I-30 north service road at the large, free-standing Bass Pro Shop sign. We'll be parked as close to that sign as we can get. (For folks coming south on I-430, there is a new exit—Exit 128, the last one before I-430 terminates at I-30—that is marked for Bass Pro Shop.) There will be plenty of other goodies to see, besides oak trees that don't turn scarlet until October. Contact Eric, 870-723-1089, esundell42@gmail.com for more info.

When: Sunday May 15, 10:00 AM

Where: Audubon Arkansas Nature Center at Gillam Park, Little Rock

What: Includes bottomland hardwood forest, cypress-lined oxbow, upland white oak/hickory, post oak savannah, and ultra-rare nepheline syenite glades within its 400 acres. Take Exit 1 for Springer Blvd off of I-440 and head south on Springer Blvd/AR365. The building is on your right near the top of the rise after railroad track crossing. Meet at parking lot. Eric Hunt & Eric Sundell will co-lead as we will explore the upland white oak/hickory habitat along the trail skirting the rare glades. Next we will make our way to the bottomland forest and the Fourche Creek cypress oxbow. Portions of the trail are very rocky. Bring walking sticks if you use them, wear sturdy shoes and be prepared for wet ground in the bottomlands. Bring water, lunch and insect repellent. Rain will cancel. Contact Eric Hunt, ericinlr@gmail.com or 415-225-6561, for more information or reservations.

When: Saturday May 21, 10:00 AM

Where: Lake Catherine State Park

What: Join Eric Hunt along the Horseshoe Mountain Trail

featuring abundant wildflowers. We are going to view the Ouachita Blazing Star, found in abundance on this trail, along with all the rest of the spring wildflowers found in the Ouachita Mountains.

The parking lot for the day hike trailhead is at the very end of the road leading into and then through Lake Catherine State Park. The trail is easy to moderate, particularly at wildflower appreciation speed.

Contact Eric Hunt, ericinlr@gmail.com or 415-225-6561, to sign up for this walk.

When: Saturday June 11, 2016 10:00 AM

Where: Gulf Skullcap at Lake Catherine State Park

What: Join Eric Hunt as we take a walk along the Dam Mountain Trail at Lake Catherine State Park.

This trail features abundant wildflowers. We are going to view the rare Gulf Skullcap, found in several places along this trail, along with all the rest of the spring wildflowers found in the Ouachita Mountains. The parking lot for the day hike trailhead is at the very end of the road leading into and then through Lake Catherine State Park. The trail is easy to moderate, particularly at wildflower appreciation speed.

Contact Eric Hunt, ericinlr@gmail.com or at 415-225-6561 to sign up for this walk.

OZARKS CHAPTER ARKANSAS NATIVE PLANT SOCIETY

We enjoyed the Harmony Mountain Retreat November 6 -8, 2015. During the Business Meeting, we elected Jim Dudley, President; Steve Smith, Vice-President; Mary Reuter agreed to remain Treasurer and Burnetta Hinterthuer agreed to remain Newsletter Editor. At the annual auction, we raised over \$400. We voted to continue sending the Audubon Halberg Ecology Camp \$300 and the Ozarks Natural Science Center, \$100. In addition, we set the date for the Fall Retreat for the weekend of November 4-6, 2016. Thanks to all who agreed to lead a hike. We welcome everyone to attend hikes.

Spring/Summer Hike Schedule:

When: Saturday, April 9th, 2016, 10:00 AM

Where: Withrow Spring State Park. Meet at park office.

What: Dogwood Nature Trail, 3/4 mi. long, moderate difficulty. Expect all the spring wild flowers. Bring lunch, camera, binoculars, water and bug repellent. If weather is bad, we will cancel by 9:00 AM. Contact Linda Ellis for details, lindasellis@centurytel.net.

When: April 30, 10:00 AM

Where: Possum Trot, Nail, AR Meet at the Nail Church across from gas station and carpool to trail.

What: Don Mills will lead the walk last visited in the spring of 2009. Several known populations of interesting plants were covered with downed wood and debris from the ice storm at that time. This trip will reveal what has happened since then. Bring water, lunch, good shoes; the trail is strenuous, steep in some places. Species expected are French's shooting star, yellow mandarin, Ozark trillium, Ozark spiderwort, and a *Lilium* species. We have never been able to decide if it is *Lilium superbum*, the rarer one. Contact Burnetta at wbhint@gmail.com or eurekadonm@yahoo.com if interested in attending. If the hike is rescheduled, you will be notified by 6 AM Saturday, but only if you have registered. If you live in the Nail area, please email Burnetta if the weather becomes adverse as the weather in that Nail-Deer area can be quite different from the rest of NW Arkansas. Phone [479-582-0317](tel:479-582-0317) for more information.

When: May 7, 9:00 AM

Where: Williams Woods, meet at St. Paul High School.

Bob Morgan, hydrologist with the Beaver Water District, will lead a hike at Williams Woods, a 545 acre mountain on the outskirts of St. Paul currently owned by the Ozark Highlands Trail Association. The Ozark Regional Land Trust recently secured a conservation easement on the property that protects the land from development in perpetuity and preserves it as a mature Ozark Forest. Bring water, lunch, and good hiking shoes. Trail is mildly to moderately strenuous.

When: May 14, 1:00 PM

Where: Lake Leatherwood Parking Lot for Cabins

Steven Foster will lead a hike along one of the Lake Leatherwood trails. We will see examples of both lowland woods and ridge top glades. In spring, there is always a chance of water in the creek crossings so wear shoes you don't mind getting wet. Contact Steven at sfoster@stevenfoster.com if you have questions.

When: Saturday, May 21, 9:00 AM

Where: Wilson Springs Wet Prairie, meet at Vold Vision parking lot, 2783 N Shiloh Dr., Fayetteville, AR.

Join the NW Arkansas Land Trust on a special hike through Fayetteville's largest wet prairie remnant. The hike will feature unique plant species that have returned to the area as a result of restoration efforts by the land trust. There will also be opportunities to see other residents of this unique habitat, including the Arkansas darter, a critically imperiled fish. Wear mud boots, bug spray, and clothes suitable for hiking through brush. Will reschedule if rain chances exceed 80%.

When: June 4, 9:00 AM

Where: Ninestone Land Trust, outstanding natural site.

Coming from Berryville or North: Just east of Berryville, from intersection of Hwy 62 E & Hwy 21 S, take Hwy 21 South 10+ miles. You will see blue road sign marked 'Carroll 512 County' on the RIGHT and a building with dog kennels and tarps on the RIGHT. Immediately after kennels turn RIGHT onto gravel road CR 512. Do NOT cross bridge over Cedar Creek!

Coming from Fayetteville or South: From intersection of Hwy 412 & Hwy 21 N, take Hwy 21 North for 7+ miles. Go through Metalton, cross Piney Creek, then cross Cedar Creek Bridge & IMMEDIATELY turn LEFT onto the gravel road CR 512 before you get to building with dog kennels and tarps on the LEFT.

Both directions: Continue on gravel road CR 512 for 1 MILE, staying to the LEFT. You will pass 3 mailboxes on LEFT, one a large blue mailbox, and a yellow "Watch for Dogs" sign on the right. Continue down drive to log cabin.

When: June 25, 10 AM

Where: 13602 Sugar Mountain Road, West Fork, AR

Stephen Marquardt will guide us to population of crane fly orchids on his property south of West Fork. Last year, we also were able to photograph three bird orchids in the same vicinity on the same day. From the town of West Fork, drive South on Hwy 71. It is about five minutes to the old iron bridge and Woolsey Cemetery. Across from them, take LEFT on WC 156, drive about 3 miles. You will see a mailbox with the number 13608, which will seem out of sequence. Keep going until you see the mailbox with the 13602 address, turn left into driveway and continue to log cabin.

When: Saturday, June 11, 11:00 AM

Where: High Bank Twin Falls, Mulberry River. Meet at the High Bank Canoe Access parking lot on Highway 215. The falls are a short, "easy bushwhack" from parking lot. Contact lindasellis@centurytel.net for more information.



Member Spotlight

Eric Sundell

Married to Milanne Sundell. Three sons, Michael, Jack, and Joe. Twice President of ANPS and longtime Membership Chairman during the 1990s-2000s.

I grew up in Freeport, a suburb of New York City on Long Island, where my father cultivated a lovely garden of trees and shrubs (and asparagus) on a 3/4 acre lot. He especially loved the evergreen rhododendrons. My regular horticultural job was mowing the grass.

I joined the Peace Corps after college and taught English in Tunisia in North Africa, where my wife Milanne and I met. Unfortunately, I had majored in English and knew nothing about botany or natural history. But I did appreciate the wildflowers that bloomed in abundance around town—I lived in Beja in the north where a Mediterranean climate gave us fall and winter rains. One day the street urchins found out that I would give them a penny for a bouquet and by the end of the day I had over 50 bouquets decorating the little study in my 3-room apartment. That evening, my Italian landlady—who did not take kindly to street urchins tracking into her foyer—knocked at the door. I opened with a flourish: "Madame Marie, isn't this about the most beautiful sight you've ever seen?" She answered, "Yes, yes, Monsieur Eriquer. Just be sure you open your window tonight

or you will not wake up in the morning." My first lesson in plant physiology!

Taught 4th grade for a year, 1967-68, in Rhode Island. Moved to Tempe, Arizona, 1971-75: B.S. and M.S. in Botany from ASU. Taught 4th grade in Bridgewater, Vermont, 1975-76: salary \$6,000 a year. Back to school: doctorate from Tulane in New Orleans, 1976-80. Moved to Monticello, Arkansas in 1980 and taught botany and biology at UAM for 26 years. Retired in 2006 and moved back up north (to Little Rock).

How I become so interested in plants: This love affair started in Vermont, walking the woods and fields and reading what we used to call "nature writing." One of my favorite authors was the naturalist Joseph Wood Krutch, whose book *The Desert Year* drove me out to Arizona to study wildlife biology. And it was a combination of the flora and vegetation of the Lower Sonoran Desert and Don Pinkava's Arizona Flora course that sent me to the Registrar to change majors to Botany. Nothing I had ever seen was quite as beautiful and interesting as a little flower with its intricate, functional parts under the bright light of a dissecting microscope.

How I become involved with ANPS: I bumped into Don Culwell, President of the Arkansas Native Plant Society, in the fall of 1980 at a meeting of the Arkansas Academy of Science. He made me an offer I couldn't refuse. Join before the



new year and you're a charter member.

Fondest memory of ANPS: Enjoying the native plant auction every fall under the warm, good-humored, always informative glow of auctioneer Carl Amason.

Proudest accomplishment in the field of botany: Introducing hundreds of undergraduate students to the intriguing evolution and evolutionary adaptations of plants and fungi. I'm not suggesting that these students would have voluntarily attended my 8 a.m. botany class three times every week for 15 weeks had they not been required to do so. These were, after all, mostly teenagers and mostly forestry and wildlife majors who considered any man with a rosebush in his front yard (to borrow a line from an old botanical codger) to be henpecked. But I do think that a few of the seeds germinated and developed into a respectful interest.

One other accomplishment that any lumpers out there will appreciate: in my doctoral study of South and Central American milkweed vines, I combined 22 names representing 14 species into one entity, *Cynanchum montevidense*.

Something about myself that would surprise you: My first date with Milanne was a six day camel trip out of Douz in southern Tunisia into the Sahara Desert.

Proposal to Amend Bylaws—Membership will vote to approve at Spring Meeting.

ARKANSAS NATIVE PLANT SOCIETY BYLAWS

Revised 2016

ANPS MEMORIAL AWARDS

ATTACHMENT to the BYLAWS

MEMORIAL AWARDS OF THE ARKANSAS NATIVE PLANT SOCIETY

Dwight Munson Moore Award

This award honors Dwight Munson Moore, a long-time Arkansas botanist, who began teaching in Fayetteville in 1924 and was the Chairman of the Department of Botany, University of Arkansas, Fayetteville from 1926-1950. He was a Professor of Botany for more than 40 years, subsequently teaching at the University of Arkansas, Monticello, and Arkansas Tech University. He authored the Arkansas Forestry Commission publication, *Trees of Arkansas*. In his long and fruitful career, Dr. Moore taught and inspired several generations of college botany students throughout our state. The Dwight Moore award is given on the occasion of outstanding achievement in either research or publication on Arkansas botany. The Award will include an appropriate monetary consideration not to exceed \$1000.

Aileen McWilliam Scholarship

This scholarship honors the late Aileen McWilliam, named Arkansas' Outstanding Biology Teacher in 1965, a former member of the Arkansas Natural Heritage Commission, a noted author, promoter of the founding of ANPS, and a knowledgeable and ardent Arkansas naturalist. This scholarship, in memory of her devotion to the study of the Arkansas flora, is given annually to promising undergraduate or graduate students with a strong interest in botany. Individual scholarships will be given in amounts of up to \$2000.

Delzie Demaree Research Grant

This grant honors Delzie Demaree (1889-1987), Arkansas botanist and plant taxonomist and one of the twentieth century's most prolific and effective plant collectors, renowned to the world botanical community for his extensive collections of North American vascular plants. The grants are awarded competitively to undergraduate or graduate students in amounts of up to \$2000 for appropriate Arkansas botany or plant ecology related research projects.

Carl Amason Conservation Award

The Carl Amason Conservation Award honors a man whose character and achievements reflected the best aspirations of Arkansas Native Plant Society membership. With unfailing energy and high spirits, Carl led field trips, shared plants, and wrote articles and accounts for *Claytonia*. He was a charter member, a past president, and auctioneer. His efforts on behalf of ANPS earned him universal acknowledgment as a most beloved and successful ambassador for the conservation and preservation of nature. The Carl Amason Conservation Award is given periodically to individuals whose personal efforts help all of us to conserve and enjoy nature's gifts. The Award will include an appropriate monetary consideration not to exceed \$1000.

Article I - NAME AND BACKGROUND INFORMATION

The Arkansas Native Plant Society (ANPS), a non-profit corporation, was formally organized September 20, 1980 in Mena, Arkansas. Regular meetings of the Executive Board (Board) and General Membership (Membership) occur in the Spring and Fall each year over a weekend. Field trips are held the same weekends and throughout the year. The newsletter *Claytonia* is published in advance of the Spring and Fall Meetings. ANPS maintains a website, www.anps.org, which includes an archive of the newsletters and a copy of these bylaws.

Article II - OBJECTIVES

ANPS promotes 1) the conservation, study, and enjoyment of the native plants of Arkansas, 2) the education of the public regarding the value of native plants and their habitats, and 3) the publication of related information.

Article III - MEMBERSHIP AND MEETINGS

Section 1. Membership and Dues

Membership is open to any person interested in the native plants of Arkansas, upon their application and payment of dues. It is the Member's responsibility to keep the Membership Officer advised of changes to contact and mailing information.

Membership Classes with annual dues are: Student (\$10), Individual (\$15), Supporting (\$20), Family (\$25), and Contributing (\$30). Individual Lifetime membership (\$300). Individual Lifetime membership for those 55 and older (\$150).

Annual dues are paid for the calendar year. Family Membership is for two adults and children under 18. A general reminder regarding annual dues will be in each *Claytonia* and on the website.

Section 2. Meetings

The membership meets during one weekend in the Spring and Fall. The date, time, and location of upcoming Membership Meetings are reported in the newsletter *Claytonia* and on the website.

Section 3. Quorum

The members attending the Membership Meetings constitute a quorum for the transaction of business. Every act or decision by a majority of the members present at a Membership Meeting will be a valid act of the Membership.

Section 4. Right to Vote

Members are entitled to one vote. Each adult of a Family Membership is entitled to one vote. Absentee or proxy votes are not allowed.

Article IV - EXECUTIVE BOARD AND MEETINGS

Section 1. Membership on the Board of Officers

The Board consists of the Officers of ANPS with the responsibilities as described in Article V. The Board acts on behalf of ANPS members for business activities. The board makes recommendations to the Membership at Membership Meetings and conducts essential business during other times.

Section 2. Meetings

Regular Meetings of the Board are held the same weekend as the Spring and Fall Membership Meetings. Special Board Meetings may be called by the President or, in his/her absence or inability, by the President Elect. All Members of the Board are to be notified of the date, time, location, and agenda for any meeting at least two weeks in advance. Online Meetings may be held to conduct essential business arising between Regular Meetings.

Section 3. Quorum

The presence of a simple majority of Board Members at a Board Meeting constitutes a quorum for the transaction of business. The same quorum is required for online decisions by the board. Board members serving in more than one board position are counted as one position and one board member for the purposes of a quorum. Every act or decision by a majority of the Officers present at a Board Meeting or voted online, at which a quorum is present, will be a valid act of the Board.

Section 4. Right to Vote

Each Board Member is entitled to one vote on any motion before the Board. Board members serving in more than one board position represent one vote. Absentee or proxy votes are not allowed.

Article V - OFFICERS

Section 1. Positions and Responsibilities

a) President

The President oversees the work of ANPS. The President presides at Regular Meetings of the Board and Membership. The President prepares the agenda for Regular Meetings of the Board and Membership. The President automatically assumes the duties of the Nominating Committee Chair at the end of the term of office.

b) President Elect

The President Elect is in training for President and performs duties of President in the President's absence. This Officer is responsible for the planning of the Spring and Fall Meetings. The President Elect selects the meeting site, identifies field trip leaders and locations, and arranges for evening programs. The President Elect automatically assumes the duties of President at the end of the term of office.

c) Vice President

The Vice President is in training for President Elect and performs duties of the President Elect in the President Elect's absence. The Vice President publicizes ANPS activities, such as conservation efforts and approved grants. At Membership Meetings, this Officer is in charge of field trip rosters. The Vice President automatically assumes the duties of the President Elect at the end of the term of office.

d) Secretary

The Secretary prepares and maintains the minutes of Regular Meetings of the Board and Membership and records the results of Online Meetings. The Secretary records ANPS activities, work and accomplishments. The Secretary maintains a record of the Officers' Terms of Office (Section 2 below) and Tenure (Section 3 below).

e) Treasurer

The Treasurer is the custodian of the funds of ANPS. The Treasurer receives, deposits, and disburses funds. The Treasurer or a duly appointed representative must receive all funds collected or received by ANPS. The Treasurer prepares the Annual Budget (Article VII, Section 2). This Officer prepares a Treasurer's Report in advance of the Spring and Fall Meetings and as otherwise requested by the Board. The Treasurer prepares an end-of-year report to close out each Fiscal Year (Article VII, Section 1). The Treasurer responds to audits requested by the Board (Article VII, Section 6). The Treasurer files the yearly "charitable organization" IRS report and the yearly Arkansas Annual Report for Nonprofit Corporation.

f) Editor

The Editor prepares and edits the ANPS newsletter, *Claytonia*.

(g) Internet and Social Media Officer

The Internet and Social Media Officer coordinates the online activities of ANPS and is responsible for the operation of the website at anps.org. This officer provides an online presence for internet access to ANPS activities, publications and archival information. The I&SM Officer is responsible for the timely publication of pertinent documents, notices, and updates about ANPS activities and also provides access to appropriate social media networks of ANPS activities and information. This officer is responsible for providing information and publicity within the social media community that enhances and supports the Objectives of ANPS (Article II).

h) Memorial Awards Officer

The Memorial Awards Officer organizes and directs the search for recipients of ANPS Memorial Awards, Grants and Scholarships (Article IX) through a Memorial Awards Committee. The Committee provides recommendations, including amounts to be awarded to each individual within the specified caps of the award, grant or scholarship. The committee may also recommend subsequent annual grants or scholarships to deserving students. This Officer receives and reviews applications and provides the Committee's recommendations to the Board and Membership for approval.

i) Membership Officer

The Membership Officer maintains a record of membership contact information and dues paid. This Officer reports on membership statistics at Regular Meetings of the Board.

j) Publisher

The Publisher arranges for printing and distribution of the newsletters and directory and other documents as needed.

k) Nominating Committee Chair

The Immediate Past President automatically assumes the duty of Nominating Committee Chair. Consisting of other selected individuals, the Nominating Committee solicits and promotes individual members to stand for election and serve in upcoming vacant board positions.

Section 2. Term of Office

The term of office for the President, President Elect, Vice President, and Nominating Committee Chair is one calendar year. Except for unusual circumstances, these individuals are elected to successively assume the next

responsibility. At the end of the term of office, the President Elect automatically replaces the President, and the Vice President automatically replaces the President Elect. The Immediate Past President serves as Advisor to the President, and automatically replaces the Chair of the Nominating Committee.

Other Officers are elected for two years at the annual Fall Meeting. Officers newly elected at Fall meetings begin a transition period at that time and assume their duties at the beginning of the next calendar year. A person appointed to fill a vacant position (Section 4 below) may continue in that office past the original end-of-term of the vacating Officer, if elected by the Membership to a new term.

Section 3. Office Tenure

The Members serving as Secretary, Treasurer, Editor, Membership Officer, Memorial Awards Officer, Internet and Social Media Officer and Publisher may be elected to a second two-year term for the same position with tenure in the same position not to exceed four years. However, any person appointed to a vacant position (Section 4 below) may be subsequently elected to two full terms, without any required break in service. Any Officer serving for five years, regardless of positions, may not be appointed or elected to another position for at least a full year. Exceptions to office tenure must be approved by a vote of the board of officers (Article XI).

Section 4. Vacancies

When the position of President becomes vacant due to resignation or other cause, the President Elect assumes that position. Likewise, should the President Elect position become vacant, the Vice President assumes that position. A vacancy at Vice President or the other six Officer positions will be filled by the Board by appointment within 15 days of the position becoming vacant, except should a vacancy occur within 30 days of the next Regular Meeting, then a Board nominee must be voted on by Membership at that next Meeting. Should the position of the Past President become vacant, the position will remain vacant until filled at the end of the President's term.

Section 5. Elections

The term of office (Section 2 above) and the tenure (Section 3 above) of Officers are reviewed at the Spring Board Meeting along with existing or expected vacancies. The results of this review are reported to the Membership at the Spring Meeting to seek nominations for or self-interest in available positions. Names of nominees (including incumbents, if any) are provided in the Fall *Claytonia* and presented to the Membership at the Fall Meeting for vote.

Section 6. Records of Office

Each Officer maintains the records of his/her office. Any Officer, upon the expiration of his/her term or the termination of his/her duties for any cause, must deliver up-to-date and organized records of the Office to his/her successor along with appropriate Procedural Guidelines (Article VIII).

Article VI – AD HOC COMMITTEES

Committees may be created by the Board to address specific issues. Committee Members may be from the Membership, the Board, or individuals outside ANPS, as appropriate. The process used by the Committee to address assigned issue(s) is chosen by the Committee. Progress and results are reported to the Board. As appropriate, results of a Committee's work will be presented to the Membership. Committees are disbanded by the Board.

Article VII - FINANCE

Section 1. The ANPS Fiscal Year is set as the calendar year.

The Fiscal Year begins January 1 and ends December 31 of the same year.

Section 2. Annual Budget

The Budget for the upcoming Fiscal Year is prepared by the Treasurer in coordination with and for acceptance by the Board. The Annual Budget accepted by the Board is presented to Membership for approval at the Fall Meeting.

Section 3. Income

The Treasurer receives and deposits all income including, but not limited to, dues, proceeds from the Fall Plant Auction, meeting registration fees, funds from promotions such as shirt and book sales. Dues received by the Membership Officer are forwarded to the Treasurer along with documentation. All funds from other sources are forwarded to the Treasurer along with documentation.

Section 4. Expenditures

Funds are spent as authorized by the Annual Budget or the Executive Board. Expenditures for Memorial Awards (Article IX) and Solicited Grants (Section 5 below) are by specific Board and Membership approval.

Section 5. Solicited Grants

Solicited Grants are one-time grants to an entity which has approached the Board for funds for a project consistent with the Objectives of ANPS. The Board may approve a small grant request up to \$500 from any single entity without receiving membership approval. Requests in excess of \$500 will be evaluated by the Board, and if approved, will be submitted to the membership at the next meeting for approval. The Board may approve several small grant requests provided the total of the grants does not exceed \$2000 in a single calendar year.

Approval Procedures: Upon receipt of a one-time grant request, the President normally appoints a member (board member or other responsible person) to review the request and make a recommendation to the Board. If the one-time grant request involves planting native plants in a garden area, the following conditions should be met: The location of the project should be in a public place. The project area should have recognizable boundaries to be able to distinguish it from its surroundings. The project should be planned to include only Arkansas Native Plants within the boundaries. The completed project will be required to display a small ANPS-provided sign recognizing the ANPS donation. (Note that the cost of the sign is not included in the grant request.)

Disbursement Procedures: Upon approval of a one-time grant request, the President advises the requestor of the decision. If the approved one-time grant involves donating money to some project (such as purchasing a tract of land), the President will direct the Treasurer to send the approved funds to the requestor. If the approved one-time grant involves purchasing plants and materials for a physical project, the President will advise the grant requestor that the grant has been approved. The requestor will then purchase the approved items, and forward the receipts to the President, who verifies both the receipts and completion or partial completion of the project and forwards the receipts to the Treasurer to reimburse the requestor. The President at the time a grant is approved, is the President of Record for that grant, and will be the person responsible for verifying receipts and completion of that project. Disbursement authority for any one-time grant expires one year from board approval (or membership approval for grants exceeding the \$500 threshold), and requires board approval for extension.

Section 6. Audits

An audit of the records of the current Treasurer may be made at any time, at the discretion of the Board, after a two-week notice to the Treasurer.

Article VIII - PROCEDURAL GUIDELINES

Procedural Guidelines are developed by the Officers to document the means and methods by which they fulfill their responsibilities under these bylaws. Similarly, the Board develops Guidelines for the Board to ensure proper operation of ANPS.

Article IX – ANPS MEMORIAL AWARDS, GRANTS AND SCHOLARSHIPS

Memorial Awards, Grants and Scholarships of ANPS are: 1) Dwight Munson Moore Award, 2) Aileen McWilliam Scholarship, 3) Delzie Demaree Research Grant, and 4) Carl Amason Conservation Award. Descriptions are provided in the Attachment. A record of recipients will be reported in the newsletter and on the website.

Article X - CHAPTERS

Section 1. Application

Members may, upon approval of the Board, form a chapter. When members in an area determine sufficient interest exists for a chapter, they may send an application letter to the Board for preliminary approval. The letter must include the names of at least eight members for the chapter, the purpose of the chapter, coverage area, and a chapter name.

Section 2. Formation

Within sixty days of receipt of the Board's preliminary approval, the proposed chapter must hold an organizing meeting(s) to draft bylaws and identify officers. The draft bylaws are provided to the Board. The Board shall respond within 30 days of receipt.

Section 3. Activities and ANPS Oversight

A chapter is authorized to undertake activities or projects that are consistent with the objectives of ANPS. Activities that could cause conflict with ANPS Bylaws are to be reviewed by the Board before such activities are undertaken.

Section 4. Business Dealings

A chapter may adopt its own membership rosters, procedural guidelines, and financial controls. Business dealings may not conflict with ANPS Bylaws. Chapter membership must be open to any person interested in the native plants of Arkansas, upon their application to the chapter and payment of chapter dues. Chapter dues are in addition to membership in ANPS.

Section 5. Suspension and Dissolution

Should the Board find a chapter to be in violation of the bylaws, the Board may suspend its approval of the chapter, but only after written notice allows time for the situation to be remedied. Should a chapter decide to dissolve itself, such dissolution will be effective upon the receipt of written notice by the Board. Upon dissolution of a chapter, any remaining assets of the chapter are to be transferred to the treasurer accounts of ANPS.

Article XI - AMENDMENT, REVISION AND WAIVER

These bylaws may be amended (rewritten in part) or revised (rewritten in whole). An amendment or revision may be initiated by the Board or Membership. All amendments and revisions are approved by the Board. Board-approved amendments and revisions are published once in *Claytonia* with a vote by Membership at the next Regular Meeting. A quorum as required in Article III, Section 3 and Article IV, Section 3 applies. If in the best interest of ANPS, a one-time waiver to any specific requirement of these bylaws may be approved by the Board. Such approval requires an affirmative vote by the majority of all Board Members. The waiver will be reported to Membership at the next Regular Meeting.

Article XII - DISSOLUTION

Upon pending dissolution of the Arkansas Native Plant Society, all remaining assets are to be distributed for educational or scientific purposes to an allied non-profit organization(s). The Board will designate the organization(s) to receive the assets.



What are bylaws and why do we need them?

Bylaws are the written rules by which an organization is governed. They set forth the structure of the board and the organization. They determine the rights of participants and they determine the procedures by which rights can be exercised. In other words, bylaws guide the board in conducting business. Carefully crafted bylaws and adherence to them can help ensure the fairness of board decisions and help an organization run smoothly.

Reprinted from "Nonprofit Answer Guide: A project of Center for Nonprofit Management".



George Johnson, Professor and Curator of the Herbarium at Arkansas Tech University, born March 20, 1956 passed away Wednesday, December 16, 2015. George was a resident of Russellville, AR at the time of his passing. George earned his B.S. and M.S. at Western Kentucky University working under the direction of Dr. Ken Nicely. His M.S. research involved a floristic survey of the vascular plants of Barren County, KY. He received his doctorate in Botany at North Carolina State University working with Dr. Jim Hardin, where he examined the systematics of the *Castanea* section *Balanocastanon* (Fagaceae). In 2014, George was part of a team that secured a \$127,553 grant from the National Science Foundation for the purposes of capturing and cataloging images of specimens of all the varieties of flora that exist within the boundaries of Arkansas. George was promoted to the rank of professor in February 2015 and honored for a quarter-century of service to Arkansas Tech during an event in April 2015. A native of Louisville, KY, George served as treasurer for the Australian Shepherd Health and Genetics Institute. His wife of 34 years, Terry Johnson, serves as curator in the Arkansas Tech Museum. George was a student of woody plants, an active member of the Arkansas Vascular Flora Project and Editor-in-Chief of the journal *Castanea*, published by the Southern Appalachian Botanical Society.

Announcements

YOUTH ECOLOGY CAMP

June 12 thru 17 and June 19 thru 24: Do you know any 11 or 12 year old girls or boys who can't get enough of birds, mammals, snakes, frogs, plants, rocks, and bugs? Visit the Arkansas Audubon Society website at www.arbirds.org for more information about the Halberg Ecology Camp, an extraordinary, life-changing week of hands-on outdoor nature study and so much more. Or contact the camp's Executive Director, Tamzen Tumblison Bryant, ttumblison@gmail.com.

ADULT NATURAL HISTORY WORKSHOPS

Save the Date! September 17-18: Each fall, the Arkansas Audubon Society offers a weekend of workshops at Ferncliff Presbyterian Camp and Conference Center in Ferndale, about 10 miles west of Little Rock. This year's workshop topics have not yet been selected, however past workshops have included Wildflowers, Tree Identification, Arkansas Mushrooms, Arkansas Birds, Aquatic Biology, Geology, and many more. Visit the Arkansas Audubon Society website at www.arbirds.org for updates and more information or contact Cheryl Lavers, clavers@gmail.com or 870-351-7798 (cell), 870-935-8543 (home).

TREES OF ARKANSAS SECOND PRINTING

The second printing of the Arkansas Forestry Commission's new edition of Dwight Moore's classic handbook will be available early in 2016. It will include several new photographs by ANPS members Cheryl and Norm Lavers, Sid Vogelpohl, and Mike Weatherford. The price is still right—\$5!—so call the Forestry Commission for an extra copy—but be sure to ask for the second printing.

A Second Book of "Know Your Natives" Articles

"Know Your Natives" articles that were posted to the ANPS website during 2015 have been compiled into a book. The new book and the book for 2013-2014 can be found at www.anpsknowyournatives.shutterfly.com. Articles in the two books remain available on the ANPS website. Should you want to purchase a book from Shutterfly, their prices are occasionally reduced by 50%.

Fall 2015 Meeting Minutes

ANPS Fall Meeting 2015 **Membership Meeting** **American Legion Post 9** **Eureka Springs, Arkansas** **Saturday, October 10, 2015**

Field Trip Information

SATURDAY MORNING

Devil's Eyebrow (full day)

Leader: Brent Baker

Lake Leatherwood Trail

Leader: Jennifer Ogle

Leader: Virginia McDaniel

Black Bass Lake

Leader: Steven Foster

SATURDAY AFTERNOON

Devil's Eyebrow (half day)

Leader: Eric Hunt

Lake Leatherwood Trail

Leader: Jennifer Ogle,

Leader: Virginia McDaniel

Black Bass Lake

Leader: Steven Foster

SUNDAY MORNING

Lake Leatherwood Trail

Leader: Virginia McDaniel

Black Bass Lake

Leader: Steven Foster

Ninestone

Leader: Brent Baker

Leader: Ninestone staff

Searles Prairie

Leader: Jennifer Ogle

2015 Fall Meeting Evening Program **Information**

The Friday evening program was the Native Plant Auction.

The Saturday evening program included two presentations. Donald Nelson, ANPS scholarship recipient and graduate student from the University of Arkansas at Fayetteville pre-

sented his research on "The Study of Mycorrhizal Fungi of Oaks, Hickories and Muscledwood in the Ozarks of Northwest Arkansas." Steven Foster, co-author of *Peterson Field Guide to Medicinal Plants and Herbs of Eastern and Central North America, 3rd edition*, presented, "Myths and Medicine from Plants in Arkansas."

The Membership Business Meeting **followed the presentations on Satur-** **day, October 11, 2014.**

Jennifer called the meeting to order at 6:25pm.

Jennifer thanked the trip leaders.

Treasurer's Report

Don Ford provided the 2015 Fall Treasurer's Report, and as of September 30th, the balance was \$23,631.61. The Treasurer's report was accepted by the Board. Linda Ellis made a motion to approve the 2015 Fall Treasurer's Report, Lynda Ford seconded the motion, and all were in favor. Don reported a total of \$3,069 from the Native Plant Auction on Friday night. He also presented the 2016 proposed ANPS budget that was printed in the 2015 Fall *Claytonia*. Lynda Ford made a motion to approve the proposed ANPS budget, Susan Hardin seconded the motion and all were in favor.

Minutes

Don Ford made a motion to accept the minutes from the Spring 2015 ANPS Membership Meeting. Virginia McDaniel seconded the motion and all were in favor.

Old Business

UAM Herbarium Building

Karen Fawley reported that funds are in hand for the construction of the new UAM Plant Research and Herbarium Building.

New Business

2016 ANPS Spring Meeting

The 2016 Spring Meeting is scheduled for April 22-24 in Hot Springs. Virginia reported that 35 rooms have been reserved at the Comfort Inn Suites on Nash Street (\$100 + tax per night). Possible fieldtrips include Middle Fork Barrens and Garvan Gardens.

Northwest Arkansas Land Trust Grant **Application**

Mike Weatherford summarized the grant request of \$2500 by Northwest Arkansas Land Trust for the Kessler Mountain and Outdoor Classroom and Nature Center. The Board recommended the approval of \$2500 for the Northwest Arkansas Land Trust Grant. Maury Baker made a motion to accept the recommendation of the Board. Virginia seconded the motion, and after some discussion, the motion was approved. All were in favor with the exception of 1 no vote and 1 abstention.

Nominating Committee

Jennifer Ogle presented the Board recommendations for officers for 2015-2016 for Eric Sundell, chair of the Nominating Committee: They are Margaret Malek (Vice-President), Molly Jones (Secretary) and Eric Hunt (Webmaster). Don Ford made a motion that the slate of offices be accepted for nomination. Virginia McDaniel seconded the motion and all were in favor.

Eric Hunt moved to adjourn the meeting and Lynda Ford seconded. The meeting was adjourned at 7:00pm.

2015 Final Treasurer's Report and Approved 2016 Budget

2015 Treasurer's Report					Approved 2016 Budget
January 1 - 31 Dec 2015					
		START 2015	➔	\$27,283.67	
	2015 Budget	2015 Actual as of 31 Dec			
<u>INCOME</u>					
Membership Dues	\$4,000	\$4,560.00			\$4,000.00
Meeting Registration	\$500	\$865.00			\$500.00
Plant Auction	\$1,500	\$3,774.00			\$2,000.00
Interest	\$0	\$0.80			\$0.00
T-Shirt Sales	\$700	\$540.00			\$500.00
Contributions	\$0	\$170.00			\$0.00
TOTAL	\$6,700	\$9,909.80	➔	\$9,909.80	\$7,000.00
<u>EXPENDITURES</u>					
ANPS.Org (website expenses)	-\$50	-\$43.00			-\$50.00
Claytonia (Print & Distribute 2 Issues)	-\$1,600	-\$1,439.80			-\$1,400.00
Directory (Print and Distribute)	-\$900	-\$799.05			-\$750.00
Memorial Awards (Awards/Scholarships)	-\$2,000	-\$1,000.00			-\$2,000.00
Grants/Support to Public Gardens	-\$500	-\$4,503.10			-\$1,000.00
Meeting expenses (space, copies, speaker,etc.)	-\$1,000	-\$477.23			-\$1,000.00
Ecology Camp	-\$500	-\$500.00			-\$500.00
Bulk Mail	-\$250	-\$220.00			-\$240.00
Supplies/postage/miscellaneous	-\$430	-\$255.91			-\$300.00
T-shirts	-\$1,500	\$0.00			-\$1,000.00
TOTAL	-\$8,730	-\$9,238.09	➔	-\$9,238.09	-\$8,240.00
		Total as of 31 Dec 2015	➔	\$27,955.38	

Respectfully submitted by Don Ford, Treasurer

You Might Be a Botanist If:

- You wander through graveyards in February on your hands and knees looking for "the little people".
- Whenever you see a moss you still remember that your long-ago botany teacher said that "in the bryophytes the sporophyte is a parasite on the gametophyte!"

New Members

Shirley Acchione (Little Rock, AR)
Susan Baker (Conway, AR)
Jessica Brown (Little Rock, AR)
Robin Buff (Fayetteville, AR)
Margaret Byrd (Malvern, AR)
Shaune Colwell (Fayetteville, AR)
Felice Dennis (Yellville, AR)
Kayti Ewing (Little Rock, AR)
Theia Foley (Cotter, AR)
Mariellen Griffith (Holiday Island, AR)
Sandy Haden (Little Rock, AR)
Alesha Henson & Ava Showl (Mountainburg, AR)
Vicki & Doug Hall (Nogo, AR)
Jerry Hilliard (Fayetteville, AR)
David & Anne Holcomb (Little Rock, AR)
Rae Jean (Eureka Springs, AR)
Ashley Jones & Justin Craig (North Little Rock, AR)

Md Abul Kalam (Texarkana, AR)
Rachel Karnes (Berryville, AR)
Gayla Mann (Rison, AR)
Carrie Marry (Eureka Springs, AR)
Emilie Monk (Bryant, AR)
Mitch Mortvedt (Gilbert, AR)
Don Nelson (Fayetteville, AR)
Carolyn L. Newbern (Little Rock, AR)
Alyssa, Marsh & Brittany Olson (Mountainburg, AR)
Kei & Susan Pang (Saint Louis, MO)
Alexa Pittenger (Eureka Springs, AR)
Marilyn Simonton (Ozark, MO)
Martha & Thurman Ragar (Rudy, AR)
Fred T. Robinson (Foley, AL)
Mike & Faith Shah (Eureka Springs, AR)
Aaron Thomason (Fayetteville, AR)
New York Botanical Garden (Bronx, NY)

New Lifetime Members

Vicki Hall (Nogo, AR)

Susan Pang (Saint Louis, MO)

Letter from a grateful grant recipient:

February 13, 2016

Dear Dr. Ogle,

We wish to thank you and the Arkansas Native Plant Society for the grant which has enabled us to plant two very visible beds with native plants at Frank Mitchell Intermediate School in the Vilonia community.

With the help of eager sixth grade students, we were able to get the plants in the ground the first week in December which was excellent timing for the project. We intend for this native garden to enhance learning, demonstrate the benefits of growing natives and be enjoyed aesthetically. We will keep you posted about the garden's progress. Spring can't come too soon!

Thanks for facilitating the grant process during a very busy time for you.

Sincerely,

Mary Wells, ANPS Member

Andy Pennington, Principal, Frank Mitchell Intermediate School, 98 North Mt. Olive Road, Vilonia, Arkansas

ANPS Spring Meeting
April 22-24, 2016
Hot Springs, Arkansas

Everybody is welcome to attend! Meeting registration is only \$5 with no pre-registration required. Registration will begin at 5:00PM on Friday, April 22.

Hotel: Comfort Suites, 320 Nash St., Hot Springs, AR 71913, Phone: (501) 624-3800

Thirty rooms (15 double queens and 15 kings) have been reserved at the reduced rate of \$100.00 plus tax per night. Reservations must be received by **April 1, 2016** (no fooling!) to guarantee the reduced rate. Be sure to mention that you are with the Arkansas Native Plant Society when making your reservation.

Meeting Location: Comfort Suites hotel, look for ANPS sign.

Dining Options: We will have a Pot Luck meal Friday evening. Bring a dish or just come and eat!

Field trips: Several field trips to local areas of top botanical interest will be scheduled for Saturday 8:00AM-5:00PM and Sunday 8:00AM-12:00PM. We will offer something for everybody, whether you want to take it slow and easy or something more vigorous. You must sign up for field trips on Friday evening to allow for adequate logistical planning.

Programs:

- ◆ Friday 7:00PM - **Katyi Ewing**, Arkansas Highway Transportation Department (AHTD), who will speak on "***AHTD's Wildflower Programs.***"
- ◆ Saturday 7:00PM - **Justin Thomas**, Institute of Botanical Training, will present "***Ecological Stability: What Wildflowers Crave.***"

Silent Auction: The meeting will feature the Second Annual Silent Auction Fundraiser. Please have your contributions there by 6:00PM Friday. Bidding starts at 7:00PM!

For complete and up-to-date details, go to www.anps.org or contact Virginia McDaniel, virginiamcd31@yahoo.com, (828) 545-2062.

Save the Date!

ANPS Fall Meeting: Mena, September 23-25, 2016



ANPS MEMBERSHIP APPLICATION

www.anps.org

Membership Categories

- \$10 Student
- \$15 Individual
- \$20 Supporting
- \$25 Family Membership
- \$30 Contributing
- \$150 Lifetime Membership (age 55 and over)
- \$300 Lifetime Membership (under age 55)

Application Purpose

- New Member
- Renewal
- Address Change

Name(s) _____

Address _____

City _____ State _____ Zip _____

Phone (_____) _____ - _____ E-mail _____

Please send this completed form with your dues directly to the ANPS treasurer.

Don Ford
4017 Bluebird Lane
Little Rock, AR 72210

For other membership questions, please contact the membership chair, Mike Burns, at anps.membership@gmail.com or (479) 229-2185.

The Arkansas Native Plant Society is a non-profit organization.

Promoting the conservation, study, and enjoyment of the native plants of Arkansas



Claytonia

Spring 2016
Newsletter

Your dues status is on your mailing label.

On the mailing label there will be a number, for example, "16", and this indicates that your dues are paid through 2016. (Life members will have an "LF" on their label).

To renew your membership, please fill in the application for membership, changes of name, address, e-mail or telephone number and mail your dues to the Treasurer:

Don Ford
4017 Bluebird Lane
Little Rock, AR 72210

<p>President Mike Weatherford weatherfordm@sbcglobal.net (870) 820-8300</p>	<p>Secretary Molly Jones mollyj46@icloud.com (501) 730-2861</p>
<p>President-Elect Virginia McDaniel virginiamcd31@yahoo.com (828) 545-2062</p>	<p>Awards & Scholarships Mary Ann King office@pineridgegardens.com</p>
<p>Vice President Margaret Morrell flowrpowr7@gmail.com (501) 472-1639</p>	<p>Membership Chair Mike Burns anps.membership@gmail.com (479) 229-2185</p>
<p>Treasurer Don Ford anps.treasurer@gmail.com (501) 821-9353</p>	<p>Editor Betty Owen pjbowen@gmail.com (501) 472-6920</p>
<p>Immediate Past President Jennifer Ogle ranunculus73@gmail.com (479) 957-6859</p>	<p>WebMaster Eric Hunt anps.web@gmail.com</p>

President's Message

Michael Weatherford

As we begin a new year, the Arkansas Native Plant Society Executive Board wants to thank you for being a member of ANPS. We look forward to working with you during the coming year as we advance our objectives to promote the preservation, conservation, study and enjoyment of the native plants of Arkansas, educate the public about the value of native plants and their habitats, and promote the dissemination of information related to native plants.

Here is the ANPS Executive Board lineup for 2016. This year we welcome three new ANPS Board members: Margaret Morrell, Vice-President; Molly Jones, Secretary; and Eric Hunt, Webmaster. Members continuing to serve on the board in new positions include: Jennifer Ogle, moving from President to Nominations Chair; Virginia McDaniel, moving from Vice President to President-Elect; and Mike Weatherford, moving from President-Elect to President. Board members remaining in their past positions include: Don Ford, Treasurer; Mike Burns, Membership Chair; MaryAnn King, Awards & Scholarships Chair; and Betty Owen, Editor. We want to express our appreciation to Eric Sundell, past Nominations Chair, Karen Fawley, past Secretary, and Martha Bowden, past Webmaster, who are leaving the Board after years of outstanding service.

We invite you to take advantage of ANPS opportunities for learning about and enjoying the native plants of Arkansas, and for getting together with like-minded folks who care about our native plants. We will be scheduling field trips and other events during the year, and are looking forward to the ANPS Spring Meeting on April 22-24 in Hot Springs, and the fall meeting on September 23-25 in Mena. You can stay informed by visiting our website www.anps.org, our Facebook page <https://www.facebook.com/Arkansas-Native-Plant-Society-250723188301180/> and reading the Claytonia. If you haven't already, be sure to sign up for automatic email notification of new postings on our website. To sign up, look for "Email Subscription" in the upper right corner of the home page.

Please feel free to contact any ANPS Executive Board member with your ideas, suggestions, requests and concerns.

Michael Weatherford, President ANPS

ARKANSAS NATIVE PLANT SOCIETY

Membership, Mike Burns
10145 Dogwood Lane
Dardanelle, AR 72834

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