

# NATIVE PLANT NEWS

*the newsletter of the*

## North Carolina Native Plant Society

VOLUME 12, ISSUE 1

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WINTER 2014

### NCNPS Spring Trip 2014: May 16–18: Green Swamp & Lake

BE PREPARED for an amazing Spring Trip in 2014, when we will visit some of North Carolina's most fascinating habitats. Friday afternoon early arrivals will do some highway botanizing along Highways 130 and 17. The Friday night program will be at Lake Waccamaw State Park (1866 State Park Drive, Lake Waccamaw NC 28450), where Park Superintendent Toby Hall will introduce us to the soils and plants of Lake Waccamaw.

Saturday David McAdoo, Mark Rose, Angie Carl, and Robert Thornhill will lead us exploring the Green Swamp, which The Nature Conservancy has called "a place unlike any other". Among the plants we're likely to see are Venus Fly-trap (*Dionaea muscipula*), three species of (each) pitcherplants, sundews, and *Calopogon* orchids; bladderworts, Goldencrest (*Lophiola aurea*), two species of *Cleistes* orchid, and much more. It will be a day to remember!

The Saturday evening dinner and native plant auction will be at the NC Museum of Forestry (415 S. Madison Street, Whiteville NC 28472) in Whiteville. So start potting up those plants soon!

Sunday morning we will visit Lake Waccamaw (1866 State Park Drive, Lake Waccamaw NC 28450), where the park ranger will give us a presentation and then we'll botanize around the lake. We will wrap up by 1:00 p.m.

We'll be staying at the EconoLodge Hotel in Whiteville, at 503 J. L. Powell Blvd. (Hwy 701 Bypass), Whiteville, NC 28472; telephone (910) 642-2378. We have reserved 40 rooms there, at a group rate of \$64.95 + tax/room/night. The deadline for this rate is **APRIL 19, 2014**. So if you plan to go, be sure and make your reservations **EARLY!**

You can register online by going to:

<http://northcarolinanativeplantsociety.wildapricot.org/>



*Rose Pogonia* (*Pogonia ophioglossoides*), also known as *Snakemouth Orchid*. Photo: Wikimedia Commons

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## President's Letter



*2013 was an outstanding year for us. We now have a much improved website thanks to the wise leadership of Christy Larson, our Education Chair and Terry Britton our Webmaster. We had a committee of dedicated people who met and emailed throughout the year to come up with a new organization for the website which will enable people to more easily find information. We also switched to an online database to track and manage our membership, which is a big help in staying in touch and having accurate lists for our*

*chapter heads. Our two state-wide outings and summer picnic were very well attended and helped our membership in appreciation and knowledge of North Carolina's wealth of native plants.*

*We now have a budget each year to help us manage our finances, thanks to our treasurer, Terry Ball, CPA, and we have a small committee looking at our bylaws to make sure they are current with our current needs. Another committee is looking at our mission and vision statements to see how we can better accomplish our goals, improve retention of members, and attract new members.*

*We gave money to support the development of a native plant gardening demonstration garden at the Botanical Gardens at the University of North Carolina in Charlotte, and for the conservation of a tract of land containing one of the few known locations for the variety species of Oconee Bells, *Shortia galacifolia* var. *brevistyla*. The NCNPS also supported the Native Plant Conference at Cullowhee as a Trillium Level sponsor, as well as donating money for the 5 student scholarships. We really support North Carolina's native plants at the home and in the forest!*

*I am looking forward to another great year with a trip to the Green Swamp in May, the Pilot Mountain/Hanging Rock area in the fall, and other opportunities to support our native ecosystems through donations and workdays. Keep up the good work!!*



Jean  
Winter, 2014

# Magnolia Vine: An All Around Winner

by A. J. Bullard

Although only two colonies of Magnolia Vine (*Schisandra glabra*) have ever been found in North Carolina, which is its northernmost range, I feel more attention should be paid to its overall beauty, ease in growing, and even to its medicinal value.

First I'll explain why I'm so enthralled with this vine. This shade loving, twining, woody vine has glossy, elliptical leaves that appear to be evergreen, but are deciduous. Despite some confusion, this plant is monoecious which means it has separate male and female flowers on the same plant. When there is an overlap of blooming, it pollinates itself — thus only one vine is usually needed to assure viable fruit. I could never settle for just one vine of this beautiful plant.

Some plant nurseries don't understand the monoecious nature of both the Chinese and the American magnolia vines. In fact I've known prominent botanists that didn't! One selection of the Chinese Magnolia Vine (*Schisandra chinensis*) is sold by some west coast nurseries claiming it's the only selection that is monoecious when actually they all are. This selection is called 'Eastern Prince'. It's really no different from the others and no prettier!

As our Creator designed it, the beautiful loose tags of bright red berries are in full array when the deciduous leaves are gone —through most of the winter. Such is the case with *Smilax walteri*, a tendril climbing vine with prickles. Magnolia Vine is twining and has no tendrils, aerial roots, or prickles.

The two colonies of NC magnolia vine are disjunct (separated) by close to 350 miles. One is in the coastal plain near Williamston, while the second is near Belmont in our Piedmont. There is one very distant colony in Mexico. Botanist Dr. John Soule of UNC Charlotte found the latter colony around 1995, and the first was found in 1960 by Dr. Albert Radford of UNC Chapel Hill.

Back more than a decade ago, serious botanists could get a permit from Rare Plant Protection head, Dr. Cecil Frost, to dig a few vines for experimental or teaching purposes. I did this and

also added native species of this vine from Georgia, South Carolina, Tennessee and Arkansas, as well as the Chinese species, *S. chinensis* [to his garden]. I situated these various plants in various exposures with varying amounts of water and shade. The four natives showed little variation and the Chinese species was very similar. There was a bit of bark variation among the four natives but nothing else of note.

I tried to emulate the habitat these were naturally growing in, i.e., moderate shade, good drainage and moist, rich soil. Cold hardiness was no problem since all are adapted to well below zero degrees F.

My transplants were in winter with one to two year old plants and within four additional years, I noted some bloom around mid-May but observed only male flowers. Following this, I began to see female flowers in subsequent years with fruit. The female flowers are larger and display some red coloration.

The berries are in elongated tags and last well into winter—unless

birds intervene. I have never seen seedlings anywhere on my 150 acre farm, although the berries show viable embryos and will germinate if planted.

Propagation is rather easy by layering (burying attached runners) as this vine readily roots at the nodes and can be transplanted in six months or so. I noted that these vines in the wild will run along in leaf litter and root at the nodes. If a host tree or bush is engaged, this vine will twine counterclockwise upward for forty feet or more. The tags of red fruit really shine through the woody slopes from high up in trees.

This vine has been known by various names such as Bay Star Vine, Carolina Magnolia Vine, Climbing Magnolia, Wild Sarsaparilla, and Schisandra. The genus name *Schisandra* is from the Greek *schizern* (to cleave). *Aner-ados* (man stamen) refers to its cleft anther cells. *Glabra* (the specific epithet) must allude to its shiny leaves.

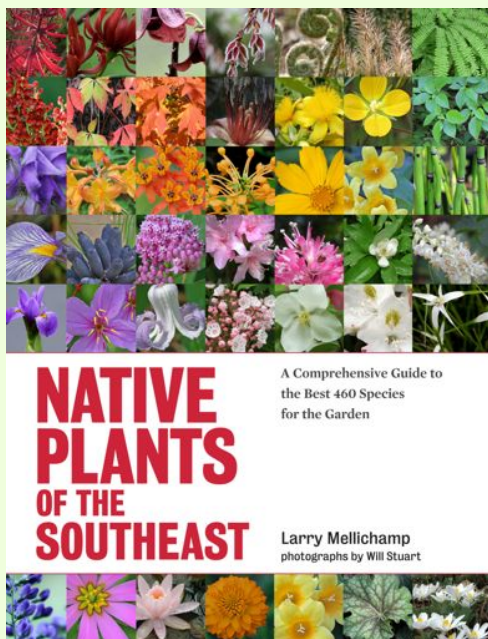
I have never understood why this vine is called Magnolia Vine nor can I find a definitive answer in the literature or from a number of renowned botanists I have consulted. I am aware that



Male (left) and female (right) flowers of *Schisandra glabra*  
Photo credit: Alan Cressler via Flickr



It's here!!!



## *Native Plants of the Southeast*

is now available! Look for more from author Larry Mellichamp and photographer Will Stuart (both NCNPS members) in the Spring issue of *Native Plant News*. Meanwhile, pick up a copy of their beautiful book at [TimberPress.com](http://TimberPress.com), or a bookstore near you!

*Magnolia Vine, continued from page 3*

it is an ancient dicot and was linked to magnolia and Florida anise as to order. It has been reclassified and is now in its own family, Schisandraceae. Recent genetic studies place *Schisandra* closer to Florida anise than to magnolia.

The only similarity I can observe between Magnolia and Schisandra lies in the floral structure. The anatomy of floral structure in plants has been used for centuries to identify plants. I theorize that since the female flowers of Schisandra (Magnolia is perfect-flowered and Schisandra has separate female flowers) bear a resemblance to Magnolia in their formative stages—this could be a reason for the Magnolia name. I'll explain: The "aggregate of follicles" in Magnolia resembles the "aggregate of berries" in Schisandra. This changes with pollination when the Schisandra cluster expands into a tag of red berries while Magnolia expands into "fruiting cone." In my opinion the similarity in these two plants ends there. I find no other matching characters!

The active compound in all magnolia vine berries is *schisandrin*. Schisandrin has been used by the Chinese for thousands of years as a liver rejuvenator. As I understand from medical courses, the liver produces few new cells. Schisandrin acts as a powerful anti-oxidant by prolonging the life and health of liver cells. These liver cells have the function of detoxifying all pollutants (even medicines), which the body must detoxify and expel. We cannot survive without a functioning liver! Schisandrin enhances liver function.

With herbal medicines used in liver detoxification one often notes that schisandrin is the prime ingredient. Chinese Magnolia Vine berries are used because they are in greater supply than American berries. This ancient liver medicine worked thousands of years ago, long before Done's Little Liver pills, and is still effective today!

For beauty and medicinal purposes I know of no equal to Magnolia Vine—and it's not that hard to grow! AJB

## In Memoriam: Julia Mackintosh

Julia Mackintosh, lifetime member of NCNPS, died last August in Raleigh. Julia was a founder of Woodlanders Nursery in Aiken SC, and since 1997, co-owner and steward of the Margaret Reid Wild Flower Garden in Raleigh. She was an active member of the Margaret Reid Chapter. For several years after they moved to Raleigh, Julia and her husband, Robert, taught a course on native wild flowers each spring for the NCSU Encore program for lifetime learners, introducing many in the area to local wild flowers and to the NCNPS. She explored wild places and gardens around the Triangle with the Reid Chapter, led tours around the Reid Gardens and shared her love and knowledge of native plants with friends from other groups she belonged to—painters, walkers, gardeners, Unitarians, Congregationalists, knitters, and Mac users, among others.



Her fellow painters at Sertoma Arts Center at Shelley Lake Park in Raleigh decided that the most fitting way to memorialize her was to plant a garden of indigenous plants. Early in December they planted a garden in her memory at the entrance to the Art Center with native (mostly) evergreens and wild flowers, including some from the Reid Garden and from gardens of Reid Chapter friends. One of Julia's friends noted, "there was no better companion when walking through a garden. She was as excited each year when the early bloomers appeared as if she were seeing them for the first time! She truly had that *joie de vivre* that inspired us all." We at the Reid Chapter, along with the Sertoma Park Artists Association (SPAA), look forward to seeing the spring flowers in Julia's garden emerge and bloom each year and remembering her joy in the discovery.

*Amy Mackintosh (daughter)*



## Two New Native Plant Habitats Certified

**Dennis Peatee and Judy and Horst Stierand** submitted successful applications for Native Plant Habitat Certification in January 2014.

Dennis lives in Clemmons, NC in the Six Poplars subdivision. His habitat (top right) features moss and rock gardens and is the 39th NCNPS certified habitat.

The Stierands live in Whitsett, NC where their extensive plantings attract and nurture butterflies and a wide variety of birds and insects with host and nectar plants. They have collected plants through rescues, Master Gardener and other exchanges, and NCNPS, resulting in a large inventory of all categories of native plants.

From Judy Stierand:

*Some twenty years ago my husband Horst and I moved into this house inheriting a “rich” indigenous forest that attracts the Red-shouldered hawk as well as other birds. The Mayapple forest had also housed Liparis lilifolia (Twayblade), which soon disappeared.*

*Only after joining The Native Plant Society in 2005 did we get serious about gardening. Then we began removing invasive plants and adding native plants, some of which we have propagated. Horst enlarged the beds in the front to add plants that attract butterflies and good insects. The milkweeds and other seemingly unattractive plants are hidden from the street view by the Hollywood juniper and the Foster holly.*

*The entire front garden was one big bare spot when we moved in. Now our garden attracts a number of butterflies and good insects as well as the usual birds, reptiles, amphibians and mammals. Whew! JS*



*Congratulations and welcome to the two newest members of NCNPS Certified Habitats!*



## What does the Native Plant Society do? Reach out to the 1,000's

Or maybe it would be better to say, "outreach." It really isn't the word that matters. What matters is that the members of the Native Plant Society spend thousands of hours each year educating people about native plants!

We (and I'll include you in that "we") speak with gardeners, orchid lovers, students, plant enthusiasts, hikers, arboretum goers, and the list goes on. Outreach happens every time knowledge is shared about the value—and let's not forget the beauty—of native plants in our world ecosystem. It is important for you as our members and supporters, to know the value of our organization. So please look over the list (pp. 12–18) to see the groups that have benefited from society outreach. There are many events and opportunities that you as members have participated in that may not be accounted for here.

Then double the time you see on these pages for planning and preparation hours. Our chapter heads also spend countless hours planning meetings, walks and seed exchanges. Wait, I forgot our website and Facebook page—and again, the list goes on.

Personally, my time devoted to the Society reaches into the hundreds of hours. I am guessing our president, Jean Woods, is at least triple that. Emailing, coordinating, designing and

creating documents and display materials, putting thousands of tiny seeds into packets to hand out takes a lot of time. My five and nine-year-old daughters help from time to time but they

would rather help me write and illustrate a book (that's another project I am working on, a book about native plants for children).

While hours of outreach can be accounted for, it may not really even be about the time. It is really about creating a spark of interest. It is part of the mission of the Society that, through education, we plant the seeds in others that grow to an appreciation for the infinite importance of the natural world and the native plants around us. I read an article in a Wild Ones magazine (an organization in the Midwest dedicated to native landscapes) about natives and monarch butterflies. I loved their suggestion, so I am passing it along to you, changing it a little bit, in the spirit of reaching out. I hope you will incorporate it into your new year, and be an even

bigger part of reaching out with us, and making a difference. Words can make a BIG difference. And so, if someone asks, "How are you?" or, "What have you been up to lately?," look them in the eye and say, "I've been going wild for natives, would you like to join me?"

*Christy Larson, Education Chair*

*"I've been going wild for natives, would you like to join me?"*



Don't miss NCNPS board member  
Trena McNabb's Solo Show  
May through June, 2014 at the  
North Carolina Botanical Garden!

DeBerry Gallery  
100 Old Mason Farm Rd • Chapel Hill, NC  
Reception: May 4th - 2:00 till 4:00

Shown left:  
SPRING  
Acrylic  
32" x 36"



# Board News

## NCNPS Annual Picnic June 7, 2014

Our Annual Picnic will be held on June 7 at Hagan-Stone State Park, just south of Greensboro, in Shelter #5. Arrive by 10:00 a.m. to participate in the morning program, when Dr. Nancy Lee Adamson of the Xerces Society and the USDA Natural Resources Conservation Service, will lead a walk to give us a hands-on look at some of the most common native grasses in the region. During the walk, we'll also look for bees and other pollinators visiting wildflowers. Nancy is not a rare grass expert, so she hopes that some experts will be on hand to help identify unusual species. Feel free to bring samples of grasses you'd like identified, and don't forget to bring a loupe/hand lens.

Bring food to share for our always-excellent potluck at noon, which will be followed by a native plant auction. Don't forget to bring plants to contribute to the auction!

**Directions:** From northeast of Greensboro, take I-40 toward Greensboro. Just outside Greensboro, I-40 and I-85 split. Stay to the left and follow I-85 south for 12–13 miles. Take Exit 126A to merge onto US 421 South. Follow 421 South toward Sanford for a little over 3 miles. Take the exit for Woody Mill Road/ Company Mill Road. At the end of the exit ramp go right. Go ~0.6 mile and turn right onto Minden Road. Shortly thereafter turn left on Hagan-Stone Park Road. Go ~2 miles and turn right into the park. Look for signs to Shelter #5.

Or Google: 5920 Hagan Stone Park Road, Pleasant Gardens NC 27313

Hurrah!! We are now over \$2,000 in donations for the year!!! Thanks to all who have contributed this year! Consider making a donation to support our conservation and education work—support and promote North Carolina's Native Plants!!

**Log in to Wild Apricot**  
and make a donation!



*Sorghastrum nutans*, Indian Grass

## 2014 Fall Trip: October 3–5, 2014, Pilot Mountain & Hanging Rock state parks and vicinity, Stokes & Surry counties, NC

Our 2014 Fall Trip, October 3–5, will take us to two of the Piedmont's most distinctive sites, Pilot Mountain State Park and Hanging Rock State Park, as well as to some protected areas in their vicinity.

The optional Friday afternoon walk will be at Pilot Mountain, and Friday evening we will enjoy some social time and a talk on the natural history of the area, by Dr. Ken Bridle (Stewardship Director of the Piedmont Land Conservancy and a former NCNPS president), who knows this area very well indeed.

Saturday Dr. Bridle will take us to some Piedmont Land Conservancy properties in the vicinity. Following a catered dinner Saturday night, NCNPS artist Betty Lou Chaika will share with us some of the drawings she's made on NCNPS trips, and talk about plant communities we've visited.

Sunday morning will feature walks at Hanging Rock State Park.

Hold the date!



## Congratulations to the 2013 UNC Charlotte Botanical Gardens Native Plant Studies Certificate Graduates!



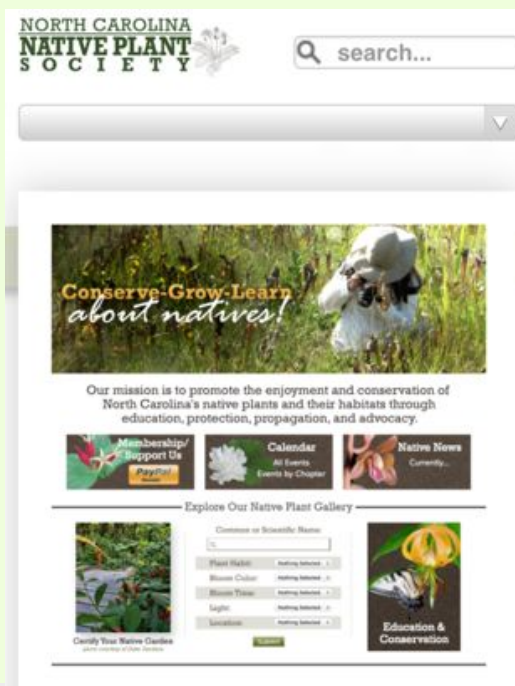
Pictured above: Laura Burke, Amy Nason, Lisa Gaffney, Larry Mellichamp, Jon Fox, Cathy Browder, Teri Wilburn, and Carol Fox. Graduates not pictured: Sharon Simmons, George Massad, Susanne Winquist, Kim Mecimore, and Jan Burlee.

**A Very Warm  
Welcome...**  
to each of our new  
members!

- Jeanne Aaroe
- Philip Atkins
- John Atkinson
- Bill Barber
- Lynne Biddle-Walker
- Cheryl Bolton
- Terri Buckner
- Maris Buttacavoli
- Kipp Callahan
- Chelsea Clifford
- James Coke
- Mary Douglas
- Vickie Jo Franks
- Niche Gardens
- Rita Gillis
- Joanie Harrison
- Patricia Hughey
- Norma Johnson
- Thomas Masters
- Jean-Jacques Maury
- Sue McBean
- John McGregor
- Marianne Mooney
- Robert Oelberg
- Elizabeth O'Meara
- Michael Pollock
- Lucy Prim
- Marilyn Racine
- Elly Richards
- Mary Scanion
- John Sheehan
- Fred D. Slaughter
- Lena Spangler
- Meredith Wojcik

### Our Website has a New Look!

Stop by and take a look at the new [NCWildflower.org](http://NCWildflower.org)! Our committee members have worked hard to get this in place—we think you are really going to enjoy how pretty and user-friendly it is!



# Chapter Reports

## Reid Chapter

### **Jandy Ammons Foundation Grant Request Funded**

The Margaret Reid Chapter is pleased to announce the award of \$500 in grant funding from the Jandy Ammons Foundation that will be used to support a wildlife habitat project on the Black Creek Greenway in Cary. The Chapter adopted this segment of greenway through the Town of Cary's Adopt a Spot program last July. The adopted area includes over 75 acres of land serving as watershed buffers. Margaret Partridge, Chapter Co-Chair, submitted a grant application in November to the Jandy Ammons Foundation, whose mission is to improve local communities through innovative, project-driven endeavors that will enhance wildlife habitats, park settings, educational surroundings, artistic installations or church mission projects. Chapter members Ken Moore and Amy Mackintosh assisted with the grant proposal. Our project includes the removal of invasive plants and planting of native plants to enhance the area for wildlife, and will also provide opportunities to educate the public about the role of plants in our local ecology. We are pleased that the Foundation

would fund our relatively small organization that has no paid staff. The first work-day following the award of this grant will be February 1, 2014, and will involve members of the Green Hope High School AP Environmental Science class, taught by Benjamin Rush.

### **Reid Chapter Visits Raven Rock State Park**

What is a nicer way to start the New Year than a walk in one of our State's beautiful parks? Raven Rock, near Lillington, includes beautiful forest, dramatic rock formations, and serene beauty along the Cape Fear River. On January 5th a group of more than a dozen Chapter members, plus some friends, enjoyed learning about the area's unique geology and flora from David DuMond, a retired Environmental Consultant. We saw nature's perfect rock gardens on the cliffs, including ferns (even some deciduous ones) and heuchera, with the melting remnants of icicles from the recent freeze. With a 60% chance of rain, we were all happy for a lovely walk that remained dry. A big thank you to A. J. Bullard for inviting Mr. DuMond, who added so much to our walk.

## Western North Carolina Chapter

In August 2013, the Western North Carolina Chapter celebrated our Third Annual Grass of Parnassus and Full Moon Outing. Every August we go to the Wolf Mountain Overlook on the Park Way in the late afternoon. Everyone brings food and we have a delicious picnic while looking at the wildflowers. There is a cascade bog at Wolf Mountain Overlook where Grass of Parnassus grows and is at its peak in late August. There are also numerous other wildflowers on the cliff including 4 types of St. John's Wort, various gentians, and others too numerous to name. As it gets dark, we move down a few overlooks to our favorite moon watching place and watch the full moon rise over the mountains. We had about 30 people attend in August and, needless to say, we had a great time.

In late October we went on a hike at Whiteside Mountain to see the views, do some tree identification, and to see the "bear go over the mountain." This shadow of the mountains that looks like a bear, only occurs in late fall as the sun sets from a particular place along the road between Cashiers and Highlands. The overlook was packed with people, but we wedged in and

were treated to the sight of the "bear" making progress across the valley below.

In January we had a lecture in the community room of the Earth Fare store in Asheville. Nina Shippen, a member and landscape designer, gave a talk on Healing Gardens. Nina is a certified healing garden landscape designer and she talks about using themes from nature to create gardens that promote healing. Twenty-four people attended and the program was enthusiastically received.

We also met with a committee working to make Asheville a Bee City. We explored ways that we might work with this group. Some of the ideas were to help find and supply non-cultivar native plants for their gardens, help in organizing a root propagation class for their gardeners, and to consider a grant for money for acquiring native plants.

We will have a hike on May 3 at Panthertown to view the pink-shell azaleas (*Rhodendron vasyi*), led by botanist Dan Pitillo, retired Western Carolina University professor.

## From Members' Gardens

**Judy and Horst Stierand** take wonderful photographs of some of the plants and wildlife in their garden! Enjoy below some of their favorites.



*Wild Cherry (Prunus serotina) with Red-spotted Purple butterfly laying eggs*

*Green-headed Coneflower (Rudbeckia laciniata) with Summer Azure butterfly*



*Orange Butterfly Weed (Asclepias tuberosa) with Zebra Swallowtail*

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*Native Plant News* is a publication of the North Carolina Native Plant Society. It is published 4 times a year for our members. Memberships are available online at <http://ncwildflower.org/member.htm> or by contacting Trena McNabb at [trena@tmcnabb.com](mailto:trena@tmcnabb.com). Submissions to the newsletter may be made to Daricia McKnight at [daricia@ncwildflower.org](mailto:daricia@ncwildflower.org).

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## The Year in Review - 2013

2013 in Review - Annual Report to the Membership

### GRANTS AND SCHOLARSHIPS TO OTHERS

-Tom & Bruce Shinn Scholarships - Total \$2,000

- Ms. Amanda Faucette - \$1,000 for work on “*The Vascular Flora and Soils of Buxton Woods*”
- Ms. Kyle Palmquist - \$1,000 for work on “*The joint effects of drought and reduced fire frequency on native orchids in the Green Swamp Preserve, North Carolina*”

-Grants - Total \$12,125

- \$1,640 donation for 5 student scholarships to the Native Plant Conference @ Cullowhee
- \$1,000 Trillium level sponsor of the 30st anniversary of the Native Plant Conference @ Cullowhee
- \$5,000 donation to support the development of UNC-C Botanical Garden’s native plant demonstration garden
- \$3,000 for Carraway Track Conservation of *Shortia galacifolia* var. *brevistyla*
- \$675 Native Tagging Pilot Project Proposal
- \$800 Annual donations to the various gardens & organizations (Duke Gardens, UNC - Botanical Garden, Asheville Botanical Garden, BW Wells Stewardship)

### DONATIONS TO US

The following institutions or individuals made donations to the NC NPS in 2013 for a total of \$4,384. Our thanks to all our donors!

Lib Conner

Amanda Foote

Cheryl Garrity

Diane Hardy

Dr Paul Hosier

Cora Howlett

Frances Inglis

Charlotte Jones-Roe

Thomas & Amy MacKintosh

Audrey and Larry Mellichamp

Charlotte Patterson

Karen Perizzolo

James Riley

Kenneth Roberts

Edward Swab

Dennis Testerman

Morgan & Susan Waugh

Carolyn White

Joe Hamrick and Jean Woods

GlaxoSmithKline

Reid Chapter of NC Native Plant Society

The David Belk Cannon Foundation

The Grace Jones Richardson Trust

Wildflower Club of Winston Salem

### MEMBERSHIP AS OF 12/31/2013

#### 403 Active Members

45 new members since 6/30/2013 (date we switched over to our new membership database)

2 New Life members! Congratulations to Margaret Polchow and Jolene McGehee!

We have a total of 48 Life Members.

**The Year in Review, cont.**

**VOLUNTEERING**

Our members gave (that we know about, there may be more) gave talks, lead walks, or had an exhibit for 78 different venues, speaking to at least 5,762 people with our messages about North Carolina's native plants!

In addition: Margaret Partridge project, Christy with kids, Mark and butterfly restoration.

<b>Place/Group</b>	<b># People</b>	<b>Topic</b>
Adopt-A-Spot	14	Wildlife Habitat-Greenway
Apex Garden Club	13	Invasives and Native Substitutes
Audobon-Bethania	20	Removing Invasives
Harville Garden - Native Enthusiasts	3	Natives ID
Lillington Community Center	1	Incorporating Native along Pathway
NC Botanical Garden	11	Guided Tour
NC Botanical Garden	12	Natives ID in Garden
NC Botanical Garden	9	Guided Tour
NC Botanical Garden	9	Guided Tour
NC Botanical Garden Annual Plant Sale	100 +	NCNPS Display Booth
NC Botanical Garden Annual Plant Sale	100 +	NCNPS Display Booth
NC Botanical Garden Tour	14	Guided Tour
NC Botanical Gardens	67	Natives In Your Landscape
North Carolina State Fair	1300 +	Native Demonstration Garden
A.J. Bullard's Garden	10	Natives ID
Airlie Garden	30	Invasive Plant Eradication
Brunswick Waterfest	400 +	NCNPS Display Booth
Dirt! (Film Showing)	25	SE Coast
Fort Fisher	25	SE Coast
Lakefest/Cape Fear River Watch	300 +	NCNPS Display Booth
Moore's Creek Walk	20	Natives
NCNPS	15	Growing Wild Nursery
NPS	30	Croatan National Forest Field Trip
Old Dock Savannah	20	Natives ID
Party In The Park/Oak Island & NC Coastal Federation	200 +	NCNPS Display Booth
Sandy Run Savannah	15	Natives ID
Shaken Creek	30	Natives ID
Wade Park	8	Invasive Eradication
Wade Park	8	Invasive Eradication
"Come to the Table" Conference	100	NCNPS Display Booth
Carolina International School	75	Designing a Butterfly Garden
Carolina International School	75	Growing Native Seeds
Charlotte Mecklenburg Tree Seedling Sale	50	NCNPS Display Booth
Cullowhee Conference	200 +	Understanding and growing native bog plants
Davidson Farmers Market	100	NCNPS - Native Flowers w/Playdough
Explore the Outdoors - Duke	150	NCNPS Display Booth
Green & Growin' Trade Show	200 +	NCNPS Display Booth
Highland Biological Station	30 +	Native Plants
Humminobird Festival	100	NCNPS Display Booth

**The Year in Review. cont.**

Magnolia Garden Club	20	Native Plants Presentation
Matthews Earth Day	200 +	NCNPS Display Booth
NCNPS	65	Native Plants Walks
Reedy Creek Nature Center	60 +	Native Plants, Landscaping
Schweinitz Sunflower Monitoring	10	Charlotte-Piedmont
Surry County Master Gardeners	14	Natives in the Landscape
UNC Charlotte	300 +	Native Plant ID Class
UNC Charlotte	50 +	Bizarre Natives
Union County Beekeepers Meeting	15	Gardening for Pollinators
Southern Spring Show	200 +	NCNPS Handouts - UNC Botanical Gardens Display Garder
Artists	4	Natives ID in Garden
Ceiner Botanical Gardens	40	North Carolina Native Orchids
Garden club, et. al.	7	Natives ID in Garden
Green Swamp	20	Native Plants
Master Gardeners of Stokes County	8	Natives ID in Garden
NCNPS	3	Natives ID in Garden
Photography	25	Native Plants
Piedmont Land Conservancy/Emily Allen Friendship Garden	12	Native Plants
Rockingham Naturalist's Club	25	Art and The Meadow
Thomasville High School Alumni	6	Natives ID in Garden
Triad Orchid Society's Annual Orchid Show	200 +	Native Orchids
Winston-Salem Garden Club	3	Natives ID in Garden
Ceiner Botanical Gardens	150 +	Native Orchids Display
College Walk Retirement	16	Native Gardening
Enka Library	34	Carnivorous Program
Franklin Master Gardeners	21	Trees
Lake Toxaway Garden Club	32	Native Plants
NARGS	2	Plant ID scout for NARGS
NARGS	15	Wildflower Walk
NARGS	16	Wildflower Walk
NC NPS Fall Trip	16	Natives Hike
NC NPS Western NC Chapter Hike Whitesides	7	Hike Leader
NC Wildlife Habitat Steward Training	30 +	Native Plants for the Carolina
Transylvania Master Gardeners/4H Soil School/Brevard Elementary	90	Trees
Tree ID workshop	17	Western Carolina Botanical Club
Western Carolina Botanical Club	21	Wildflower Walk
Western Carolina Botanical Club	18	Wildflower Walk
Western Carolina Botanical Club	15	Wildflower Walk
White Squirrel Festival - Brevard	100 +	Exhibit about Native Plants



## The Year in Review, *cont.*

### Other:

We certified 5 yards through our Native Plant Habitat Certification process.

- Susan Dakin
- Carolyn Ikenberry
- Robert and Sarah Gilley
- Lisa Gould
- Paul and Sheila Lombardo

We fielded about 60 questions from our web site, most of which were asking for a plant identification.

We gave permission to 5 organizations to use pictures from our picture gallery on our web site:

- Wildflower Exhibit at the Visitor Center at Lake Norman State Park near Statesville, NC
- Paper on biology and fire ecology of *Goodyera repens* for the Rocky Mountain Research Station.
- Article on foods that travelers along the Wilderness Road would have eaten, newspaper in Madisonville, KY
- Interpretation board for a natural reserve, Nature Conservancy of Canada
- GAPP.org, web site to promote pollinator gardens around Atlanta, Atlanta Botanical Gardens and US Dept. of Forestry.

## The Year in Review - Talks

Place/Group	People	Time Topic	Chapter	Total	Date
Green & Growin' Trade Show*	200	1 NCNPS Display Booth	Western & SE Piedmont	12	January
Airlie Garden	30	1 Invasive Plant Eradication	SE Coast	10	27-Jan
Dirt! (Film Showing)	25	1	SE Coast	2	10-Feb
"Come to the Table" Conference	100	1 NCNPS Display Booth	Southern Piedmont	10	19-Feb
Charlotte Mecklenburg Tree Seedling Sale	50	1 NCNPS Display Booth	Southern Piedmont	3	23-Feb
Highland Biological Station*	30	1 Native Plants	Southern Piedmont	5	March
Southern Spring Show*	200	1 NCNPS Handouts - UNC Botanical Gardens	Display Garden	3	March
Triad Orchid Society's Annual Orchid Show*	200	7 Native Orchids	Triad	6	March 22-24
Surry County Master Gardeners	14	1 Natives in the Landscape	Southern Piedmont	5	6-Mar
Audobon-Bethania	20	1 Removing Invasives	Margaret Reid (Triangle)	3	16-Mar
Moore's Creek Walk	20	1 Natives	SE Coast	5	7-Apr
Sandy Run Savannah	15	1 Natives ID	SE Coast	5	12-Apr
NCNPS	15	1 Growing Wild Nursery	SE Coast	4	14-Apr
Carolina International School	75	3 Designing a Butterfly Garden	Southern Piedmont	5	17-Apr
Carolina International School	75	3 Growing Native Seeds	Southern Piedmont	5	17-Apr
Matthews Earth Day*	200	1 NCNPS Display Booth	Southern Piedmont	4	20-Apr
Lake Toxaway Garden Club	32	1 Native Plants	Western	5	25-Apr
College Walk Retirement	16	1 Native Gardening	Western	6	26-Apr
NCNPS	30	1 Croatan National Forest Field Trip	SE Coast	5	28-Apr
NCNPS	65	1 Native Plant Walks	Southern Piedmont	20	May
NARGS	2	1 Plant ID Scout for NARGS	Western	3	1-May
NARGS	15	1 Wildflower Walk	Western	3	3-May
NARGS	16	1 Wildflower Walk	Western	3	4-May
Artists	4	1 Natives ID in Garden	Triad	2	16-May
Piedmont Land Conservancy/Emily Allen Friendship Garden	12	1 Native Plants	Triad	2	17-May
Western Carolina Botanical Club	21	1 Wildflower Walk	Western	4	20-May
White Squirrel Festival - Brevard*	100	1 Native Plants Exhibit	Western	4	25-May
Western Carolina Botanical Club	18	1 Wildflower Walk	Western	4	27-May
Davidson Farmer's Market	100	1 NCNPS - Native Flowers w/Playdough	Southern Piedmont	4	8-Jun
NCNPS	3	1 Natives ID in Garden	Triad	1.5	1-Jun

Shaken Creek	30	1	Natives ID	SE Coast	4	9-Jun
Enka Library	34	1	Carnivorous Program	Southern Piedmont	10	25-Jun
Thomasville High School Alumni	6	1	Natives ID in Garden	Triad	2	28-Jun
A.J. Bullard's Garden	10	1	Natives ID	SE Coast	4	30-Jun
Adopt-A-Spot	14	1	Wildlife Habitat-Greenway	Margaret Reid (Triangle)	49	July
Wade Park	8	1	Invasive Eradication	SE Coast	4	21-Jul
NC Wildlife Habitat Steward						
Training*	30	1	Native Plants for the Carolin	Western	1	30-Jul
Green Swamp	20	1	Native Plants	Triad	5	4-Aug
Ceiner Botanical Gardens	150	7	Native Orchids Display	Western	5	4-Aug
Hummingbird Festival	100	1	NCNPS Display Booth	Southern Piedmont	15	17-Aug
Western Carolina Botanical Club	15	1	Wildflower Walk	Western	3	13-Sep
Old Dock Savannah	20	1	Natives ID	SE Coast	4	15-Sep
NC Botanical Garden Annual Plant						
Sale*	100	1	NCNPS Display Booth	Margaret Reid (Triangle)	2.5	27-Sep
NC Botanical Garden Annual Plant						
Sale*	100	1	NCNPS Display Booth	Margaret Reid (Triangle)	3.5	28-Sep
Master Gardeners of Stokes County	8	1	Natives ID in Garden	Triad	3	2-Oct
Tree ID workshop	17	1	Western Carolina Botanical Club	Western	6	4-Oct
Fort Fisher	25	1		SE Coast	5	15-Oct
NC NPS Fall Trip	16	1	Natives Hike	Western	10	19-Oct
Schweinitz Sunflower Monitoring	10	1		Southern Piedmont	12	24-Oct
Winston-Salem Garden Club	3	1	Natives ID in Garden	Triad	2	25-Oct
Explore the Outdoors - Duke	150	1	NCNPS Display Booth	Southern Piedmont	5	26-Oct
NC NPS Western NC Chapter Hike						
Whitesides	7	1	Natives Hike	Western		26-Oct
NC Botanical Garden Tour	14	1	Guided Tour	Margaret Reid (Triangle)	1	2-Nov
Apex Garden Club	13	1	Invasives and Native Substitutes	Margaret Reid (Triangle)	4	4-Nov
Photography	25	1	Native Plants	Triad	4	6-Nov
Ceiner Botanical Gardens*	40	1	North Carolina Native Orchids	Triad	3	7-Nov
Franklin Master Gardeners	21	1	Trees	Western	3	8-Nov
Magnolia Garden Club	20	1	Native Plants Presentation	Southern Piedmont	3	12-Nov
Union County Beekeepers Meeting	15	1	Gardening for Pollinators	Southern Piedmont	2	18-Nov
NC Botanical Gardens	67	1	Natives In Your Landscape	Margaret Reid (Triangle)	4	22-Nov
Rockingham Naturalist's Club	25	1	Art and The Meadow	Triad	3	7-Dec



Endor Furnace	11	1	Natives ID	Margaret Reid (Triangle)	2	6-Jan
Neuse River Greenway	17	1	Natives ID	Margaret Reid (Triangle)	2	3-Feb
Swift Creek Bluffs	23	1	Natives ID	Margaret Reid (Triangle)	2	3-Mar
Reid Easter Open Garden	25	1		Margaret Reid (Triangle)	12	31-Mar
Harville Garden - Native Enthusiasts	3	1	Natives ID	Margaret Reid (Triangle)	1.5	3-Apr
Lillington Community Center	1	1	Incorporating Natives along Pathway	Margaret Reid (Triangle)	3	4-Apr
NC Botanical Garden	11	1	Guided Tour	Margaret Reid (Triangle)	3	13-Apr
NC Botanical Garden	9	1	Guided Tour	Margaret Reid (Triangle)	2	18-Apr
Chapel Hill Garden Tours	148	1	Conservation Garden Tours	Margaret Reid (Triangle)	54	20-Apr
Lakefest/Cape Fear River Watch*	300	1	NCNPS Display Booth	SE Coast	20	4-May
Flower Hill	7	1	Natives ID	Margaret Reid (Triangle)	2	5-May
NC Botanical Garden	12	1	Natives ID in Garden	Margaret Reid (Triangle)	6	14-May
NC Botanical Garden	9	1	Guided Tour	Margaret Reid (Triangle)	3	10-Jun
Party In The Park/Oak Island & NC Coastal Federation*	200	1	NCNPS Display Booth	SE Coast	18	15-Jun
Cullowhee Conference*	200	1	Understanding & growing native bog   Southern Piedmont		5	17-Jul
Brunswick Waterfest*	400	1	NCNPS Display Booth	SE Coast	15	21-Sep
Wade Park	8	1	Invasive Eradication	SE Coast	32	28-Sep
DeHart Botanical Garden	18	1		Margaret Reid (Triangle)	2	2-Nov
Transylvania Master Gardeners/4H	90	1	Trees	Western	4	5-Dec
Soil School/Brevard Elementary	1300	11	Native Demonstration Garden	Margaret Reid (Triangle)	128	Oct 17-27
North Carolina State Fair*	7	4	Natives ID in Garden	Triad	4.5	Sept 5,6,7,20
Garden club, et. al.	4	8	Native maintenance	Margaret Reid (Triangle)	96	Throughout the year
Reid Garden Workdays	300	1	Native Plant ID Class	Southern Piedmont	30	Throughout the year
UNC Charlotte*	60	1	Native Plants, Landscaping	Southern Piedmont	30	Throughout the year
Reedy Creek Nature Center*	50	1	Bizarre Natives	Southern Piedmont	20	Throughout the year
UNC Charlotte*	<b>5829</b>				<b>821</b>	

\*Number of people is more than shown however exact count was not taken.

*Green Swamp & Lake Waccamaw Registration Form*  
NC Native Plant Society 2014 Spring Trip: May 16–18, 2014

Name(s) \_\_\_\_\_

Address \_\_\_\_\_

City/State/Zip \_\_\_\_\_

Email \_\_\_\_\_

Phone \_\_\_\_\_ (Home) \_\_\_\_\_ (Cell)

*We like to have your cell phone # so we can communicate during the weekend, if necessary.*

\_\_\_\_ NCNPS member registration fee: \$30/person (\$20 limited income) \$ \_\_\_\_\_

\_\_\_\_ NCNPS member single day fee: \$20  
PLEASE circle *Saturday* or *Sunday* \$ \_\_\_\_\_

\_\_\_\_ Non-NCNPS member registration fee: \$40/person \$ \_\_\_\_\_

\_\_\_\_ Non-NCNPS member single day fee: \$25  
PLEASE circle *Saturday* or *Sunday* \$ \_\_\_\_\_

\_\_\_\_ Saturday box lunch (optional): \$5.50/person \$ \_\_\_\_\_  
PLEASE circle choice(s): *carnivore, vegetarian, gluten-free*

\_\_\_\_ Saturday night dinner (optional): \$15/person \$ \_\_\_\_\_  
PLEASE circle choice(s): *carnivore, vegetarian, gluten-free*

\_\_\_\_ Join the NCNPS: \$25 for individual membership, \$35 for family \$ \_\_\_\_\_

**TOTAL ENCLOSED** \$ \_\_\_\_\_

***Registration deadline: RECEIVED by May 7, 2014***

\_\_\_\_ I/we will bring a food item for the Friday evening social (enough for ~4 people—large amounts not necessary).

**Please make check payable to: NC Native Plant Society and mail to:  
Terry Ball, Treasurer, 716 Kemp Road W, Greensboro NC 27410**

*Confirmation of registration, directions to meeting sites, and other details  
will be sent on receipt of registration, via email.*

**We have reserved a block of rooms at the EconoLodge Hotel in Whiteville, 503 J. L. Powell Blvd (Hwy 701 Bypass), Whiteville, NC 28472; telephone 910-642-2378.**

**[http://www.econolodge.com/hotel-whiteville-north\\_carolina-NC700#listpos1](http://www.econolodge.com/hotel-whiteville-north_carolina-NC700#listpos1)**

*Group rate of \$64.95+ tax/night, which is available until APRIL 19, 2014.*

***Participants must make their own reservations.***

***And please don't forget to bring PLANTS for the Saturday night auction!***

Questions? Email Lisa Gould at [lialg@ncwildflower.org](mailto:lialg@ncwildflower.org) or call (336) 245-3295.



**North Carolina Native Plant Society**

% Daricia McKnight  
4635 Carmel Vista Lane  
Charlotte, NC 28226

*The birds  
and the bees  
need the  
flowers and  
the trees—  
and so do  
we!*



*Weeping Yaupon Holly (Ilex vomitoria) and  
Eastern Bluebird in winter plumage  
Photo: Ken Thomas via Wikimedia Commons*