Summer Reflections

A temperate summer with ample rainfall benefitted plants throughout the Garden, especially those that were planted last spring. We hope you were able to visit more than once, either on your own or for a program.

This fall brings a full slate of programs and events for adults, children, and families.

You’ll find our educational offerings on the Calendar pages. And let us know if you’re interested in a custom educational program for a group or a school program visit.

Visit the SCBG Fall Plant Sale on September 28 & 29th!

~ Lisa Wagner,
Director of Education
Thank you! That’s the first thing I need to tell each one of you. Because of your support, our Friends membership is at an all-time high! This is exciting news to us because this support is helping us to do more to serve you and ease the pressure felt by the state budget crunch. Please keep up the good work, keep supporting us, and keep letting your friends and neighbors know how important it is to become a Friend of the Garden.

We have had a very eventful year so far. We experienced our largest plant sale ever this spring and we’re looking forward to another great sale this September 28 (FRIENDS) and 29 (Public). The nursery looks great, due in large part to the fact that we have just hired a full-time nursery manager, Dr. Jeanne Briggs. Jeanne brings decades of knowledge on growing plants and we are truly blessed to have such an experienced and hard-working new staff member. We’re all super-excited. Expect great things from the nursery.

We have also added Katie Dickson, a recent Clemson graduate, to the staff as a horticulturist. She’s now managing the Children’s Garden and working with our staff throughout the Garden.

Our Moonlights and Magnolias Gala (our first-ever gala) was a smashing success. The event brought in more than $27,000 and, more than that, it was incredibly beautiful and well-done. The stunning floral arrangements provided by Jan Galusza were unique and breathtaking, and the food and entertainment were fantastic. We are indebted to Rudy Mancke for leading off the event with an inspiring talk on the natural heritage of South Carolina. The Gala marked the official start of a very ambitious and exciting project, the Natural Heritage Garden. This new exhibit is well underway and you can see the progress by walking the newly installed trail through cove forests and piedmont woodlands below the Hunt Cabin. Our staff and students are busy this fall installing a mountain bog, a basic-mesic piedmont forest and planting thousands and thousands of native grasses in the piedmont prairie. When you walk the trail, notice the unique design – it is underlain with geogrid with a beautiful hard-packed stone on top. This is a pervious surface, designed to resist erosion and allow groundwater to seep into the soil. It has worked wonderfully, withstanding more than 7 inches of rain in one week this summer!

The President’s Walkway in the Heritage Garden, connecting the bathrooms and the picnic area by the Hosta Garden Pond, is also now installed. It is incredible to see a vision that was designed nearly two decades ago come to fruition. A big thank you to the class of ’62 for their support on this, their class project. You’ll see it if you’re able to attend our continuing (and successful) concert series this fall (Fridays at 7 pm).

New projects, new people, new exhibits make it an exciting time to be at the SCBG!

All the best, Patrick McMillan
Garden progress...

We’ve completed the geogrid installation for the Natural Heritage Garden Trail from the Woodland Wildflower Garden to the Meditation Garden area. We stopped to put in drains in the President’s Garden and will continue to install the rest of the woodland path this fall as weather permits.

Volunteers have helped keep the Garden going this summer with their hard work in maintenance, growing organic vegetables for Clemson Community Care (the local food bank), giving tours and filling in holes where the staff needed them this summer.

There is a new sales building in the plant sale area. Dan Harding and his architecture class have designed and built a new structure that will be a great addition to the sales area. No more “circus” tent!

We have taken out the ornamental grass display below the visitor center and will keep it cut until we decide what to do with that space.

We’ve started the process of planting the Piedmont Prairie and will continue planting this fall.

A new pump was recently installed for the Hosta Garden waterfall, so it’s running again. It was off for about a month this summer while we were looking for parts and a new pump.

We’re excited to have Jeanne Briggs and Katie Dickson join us on the horticulture staff! They’re a welcome addition.

~ John Bodiford, Senior Horticulturist

Thanks to Master Gardeners...

The Master Gardeners of the Foothills continue to generously support a variety of projects in the Garden with their financial contributions, in addition to all of their volunteer activities, both as a group and as individual volunteers.

The first of two kiosks (at the Discovery Center parking area) was installed last spring, thanks to the help of Jim and Judy Bazzone. The second kiosk will be erected near the Caboose this fall.

In early summer, the Master Gardeners voted to provide additional funds to support family-friendly signage in the Children’s Garden, plants and signage in the Butterfly Garden, a dog pick-up station (location to be determined), decorative containers for the Children’s Garden, and supplies for the Hosta Garden!

Thanks for ALL that you do for the Garden.

Children’s Garden update

When I began my new position as Children’s Garden Manager in early August, I had mixed feelings – a bit of trepidation at the labor that lay ahead and great excitement for the potential this special place holds.

A truly unique and whimsical area, the Children’s Garden is comprised of the Food for Thought Garden, Ethnobotany Garden, Peter Rabbit Garden, the teaching greenhouse, and the Pollinator Border, along with the adjoining Butterfly Garden.

Building on the beautiful garden that currently exists, thanks to former manager Ginny Steadman, I hope to make a few creative improvements in the coming months. Currently, two tables have been constructed for the cottage in the Peter Rabbit Garden for children to use in program activities. Quirky, colorful containers filled with herbs and perennial fruits will soon adorn the

~ Kathleen Dickson, Horticulturist

Peter Rabbit Garden, August 2012

Food for Thought Garden. Don’t be surprised if you see something growing from a boot or pickle barrel!

Some long-term goals include a general addition of sensory elements for visitors. Here at the Garden, we want children to experience the natural world, not merely look at it. There’s nothing quite so wonderful as a child smelling lavender, rattling baptisia pods, or touching the downy softness of lamb’s ear.

My goal for the Children’s Garden is to maintain its charm and allure for families and children (as well as visitors in general) while streamlining its maintenance requirements. It’s always a standout area of the garden to visit – if you have a chance, drop by!

~ Kathleen Dickson, Horticulturist
Education Update

Summer camp reflections ...

Watching pollen-coated bees busily working a flower, picking up rocks to hunt for slippery salamanders, or walking through the cool woods—these are the joys of an idyllic childhood. However, today too many children are stuck inside, glued to the computer, the television or some other electronic device. Thanks to a generous endowment gift from Jim and Sybil Fanning, ten children were able to experience a week immersed in nature at the second Fanning Garden Explorations Summer Camp.

Grace Schmeelcke, my wonderful volunteer, and I introduced our explorers to the famous naturalist William Bartram on the first day of camp. The book *The Flower Hunter: William Bartram, America’s First Naturalist* describes how, as a child, Bartram began exploring the natural world and helping his father collect plants.

On our first outing, we circled the pond, one of the campers found a new species (at least new to us)! Slithering across a rock was a strange earthworm-like creature with a triangular head, what could it be? Clearly we were destined to be great explorers and make wonderful discoveries! (Further research revealed the creature to be an invasive pest from SE Asia called *Bipalium kewense*). There were many similar highlights. Seeing a beautiful swallowtail, discovering numerous tiny frogs and coming face to face with a copperhead were some of these moments. However, the most popular activity in the heat of the summer is always stream discovery, and this week was no exception. We began this day with a lyrical and beautiful book, *All the Water in the World*, which led to a discussion of the importance of clean water, watersheds, how we take water for granted and that all the water in the world, is indeed, all the water in the world.

Every day had some inside “down time,” but even that relaxation time was used educationally. In the Hanson Nature Learning Center, there are several wonderful games and many beautiful books that educate as well as entertain. During camp, the most popular game by far was *Into the Forest*, a card game about forest food webs. Every day, the children excitedly pitted raccoons against coyotes, earthworms against birds, and death and decay beat everyone! This lesson was bought to life when we explored owl pellets later in the week. It was great to hear “yuk” and “I’m not doing that” turn into “cool” and “wow” as they discovered the tiny bones and skulls of rodents, birds and other owl delicacies.

~ Sue Watts, Education Program Coordinator

Hunt Cabin programs

“I wasn’t there, I wasn’t there, but somebody was... and they told this story to me!” So began another wonderful story from storyteller Jennifer Bausman. On a hot muggy August day, people gathered on the porch to listen to tales from Africa, linking to the heritage of the enslaved African-Americans who built the cabin for the Hunt family. Children and adults alike were spellbound.

August marked the eighth Saturday of Hunt Cabin Open Houses, and between 50 and 100 people have stopped by each weekend. People from near and far have been delighted to peek inside this historical treasure. Some stay for a few minutes, others spend an hour playing with old-fashioned games, dancing or eating food cooked over the fire. It’s wonderful to hear people make connections to their own lives, their family histories, and their heritage.

As the weather cools, we’ll start celebrating fall at the Cabin. On October 13, we’ll celebrate the Hunts as the first family to bring apples into Oconee County. We’ll bring out the apple cider press, make something yummy over the fire and have some seasonal fun and games. On November 3, join us to explore the world of pumpkins and gourds. On December 1, we will decorate for the holiday season. All activities at the Hunt Cabin are free – we hope you will help us spread the word!
**New Archosaur Exhibit**

We’re glad to report that the new Archosaur exhibit has been installed. This interesting exhibit focuses on the evolutionary relationship of dinosaurs to modern birds. The four animals in the exhibit are a modern alligator, a Velociraptor, an Archeopteryx and a modern Red-shouldered Hawk. These animals belong to the evolutionary group known as Archosaurs. This group includes dinosaurs, pterosaurs and extinct crocodilians as well as its only living representatives, birds and modern crocodilians.

In this exhibit, the viewer is able to observe the anatomical features that are shared among all four animals and determine their relationship to one another. These similarities led scientists to ask, “Are dinosaurs still alive today?” We encourage you to visit Archosaurs to discover the answer for yourself.

We’d like to thank Rick Blob, Stanlee Miller and Lynn Miller for their hard work in creating Archosaurs. Without your talent and efforts, we would not have the benefit of this wonderful new exhibit. Thank you!

**New Paleobotany Collection**

In July, we added 26 new plant fossils to the Benson Gallery. Come see this beautiful display of ancient plant life in the paleobotany collection.

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**Fall Concert Series**

**Join us on Fridays from** Sept. 7 through October 19 for our Fall concert series. For more detailed descriptions of the artists and their music, please visit our website.

**Sept. 7 - The Marcus King Band**
A Greenville jam band with blues roots and a lot of jazz and funk influence

**Sept. 14 - Christopher Branch**
A powerhouse singer/songwriter who takes his cues from his South Carolina forerunners Edwin McCain & Hootie & the Blowfish, but also lets his own simplistic & unique songwriting shine through...

**Sept. 21 - Six Chickens and a Beer**
An acoustic trio with an eclectic musical mix of Traditional Good-Time, Old-Time American, Irish and French Canadian String Band Music, seasoned with a little Western Swing and Cheatin’ and Drinkin’ country music

**Sept. 28 - Jentry Rose**
Her music is acoustic Americana that falls in between folk and country, with a dose of influence from iconic musicians such as James Taylor and Carly Simon.

**Oct. 5 - Katie and Larry w/opening act at 6pm**
A vocal duo whose music continues to evolve and expand in all the genres . . .

**Opening act - 6pm – CU Fiddle Ensemble Disorderly**
Disorderly... is a student ensemble at Clemson University that plays music from contra dance and English Country Dance traditions.

**Oct. 12 - The Professors of Soul**
One of the Southeast’s top bands, featuring the best musicians from Upstate SC and the region. The music varies from Soul, R&B, Jazz, Funk, to Beach and Blues Extravaganza.

**Oct. 19 - Sam Burchfield**
Soulful vocals and folk-influenced lyrics combine with a foundation in southern blues and funk to provide for a diverse sound.

**Fee: Suggested donation $5**
**Time: 7 p.m. - until**
**Location: Garden Amphitheater**

For more information, call the visitor center (656-3405).
September

Tuesday, Sept. 4
YEAR-ROUND ORGANIC VEGETABLE GARDENING
Would you like to harvest fresh, organic vegetables from your garden all year long? It’s easy to have hardy winter vegetables in our normally mild climate as well as an abundance of cool and warm season veggies in spring, summer and fall. Join Director of Education Lisa Wagner to learn the basics in this introductory program. She’ll provide advice about successful kitchen gardening, including choosing cool and warm season vegetables, planning crop rotations, making the most of small spaces, succession cropping, and season extension.
Fee: $15 ($12 for members & volunteers)
Time: 10 a.m. – noon
Location: Hanson Nature Learning Center

Tuesday, Sept. 11
CREATING A GARDEN FULL OF LIFE
By gardening with nature in mind, and using more native plants, we can increase the species richness of our gardens, yards, and communities and create habitats that support native wildlife. Whether your landscape attracts toads, chipmunks, hawks, or tiger swallowtails, gardening for nature is a rewarding way to create vibrant, ecologically-sound landscapes that are full of life. Lisa will share some of her recent observations and experiences in this updated program. She’ll describe the ecological (and aesthetic benefits) of providing habitat for birds, butterflies, bees, and other wildlife through promoting habitat diversity, using examples from her garden projects, including pollinator-friendly pocket meadows.
Fee: $8 ($5 for members & volunteers)
Time: noon – 1 p.m.
Location: Hanson Nature Learning Center

Thursday, Sept. 13
GARDENING IN THE UPSTATE
Choosing plants that thrive in our mild winter, hot summer climate (frequently with drought periods) is the key for basis for successful home landscapes in the Upstate. Join Director of Education Lisa Wagner to learn about regionally-adapted natives and well-behaved ornamentals from elsewhere that provide an attractive plant palette for Upstate gardens. This program includes a SCBG Fall Plant Sale preview.
Fee: $15 ($12 for members & volunteers)
Time: 10 a.m. - noon
Location: Hanson Nature Learning Center

Friday, Sept. 14 & Sept. 28
PRESSED FLOWERS & FERNS
In this two-part workshop, join Garden educator Sue Watts as we capture the ephemeral beauty of fall flowers and foliage. During the first class, gather and press exquisite flowers from the Garden using a variety of preservation methods. In the second class, we’ll use our preserved materials to create beautiful cards, gift tags and more. Class requires a minimum of five participants registered the Monday before class. All materials are provided.
Fee: $30 ($25 members & volunteers)
Time: 1 – 3 p.m.
Location: Hanson Nature Learning Center

Saturday, Sept. 22
CULINARY ADVENTURES: TREASURES OF INDIA
Spices and herbs have always been fundamental to Indian cuisine adding flavor as well as having health-giving properties. Join local amateur chef Neil Calkin and Garden educator Sue Watts in this hands-on workshop. Enjoy heady spices as we make and savor a meal showcasing India’s culinary diversity. Class requires a minimum of five participants registered the Monday before class. All materials are provided.
Fee: $35 ($30 members & volunteers)
Time: 5:30 – 8:30 p.m.
Location: Hanson Nature Learning Center

Tuesday, Sept. 25
GARDEN NATURALIST: BIRDING IN THE GARDEN
Join CU Naturalist, Host of ETV’s “Expeditions with Patrick McMillan,” and Garden Interim Director Patrick McMillan and Drew Lanham, Forest Wildlife Ecologist and CU professor of Forestry and Natural Resources to identify, observe, and listen to birds in the Garden. Discover the residents and migrants who make their home in the Garden, their habits, and foraging strategies. Bring binoculars, field guides, and dress for the weather.
Fee: $30 ($25 members & volunteers)
Time: 8 – 10 a.m.
Location: Hanson Nature Learning Center

Friday, Sept. 28
LEAF CASTING
Join Barbara Chapman in this popular hands-on workshop to create a decorative concrete leaf. Barbara will give you all the tips, techniques and tricks you need to replicate this craft at home. Pick up the cured cast at a later date. Class requires a minimum of five participants registered the Monday before class. All materials are provided.
Fee: $35 ($30 members & volunteers)
Time: 10 a.m. – Noon
Location: Hanson Nature Learning Center
Use our ONLINE REGISTRATION SYSTEM at www.clemson.edu/scbg to register. Please preregister for all programs - call to check for last minute availability.

October

Wednesday, Oct. 10
DESIGNING INFORMAL EASY-CARE BORDERS
Perennials chosen for multi-season good looks, long-flowering times, and drought-tolerance provide the basis for easy-care perennial gardens based on natural design principles. Join Lisa Wagner to learn about how to combine drought-tolerant native grasses and wildflowers in attractive perennial plantings that provide year-round interest, without excessive maintenance.
Fee: $12 ($8 for SCBG members & volunteers)
Time: 10 – 11:30 a.m.
Location: Hanson Nature Learning Center

Friday, Oct. 12
CHEROKEE LEAF POUNDING
Turn a simple leaf into a beautiful botanical work of art. In this workshop, join Garden educator Sue Watts as we gather a variety of leaves from the Garden and tap into your creativity to create your own unique fabric. Class requires a minimum of five participants registered the Monday before class. All materials are provided.
Fee: $25 ($20 members & volunteers)
Time: 3 – 5 p.m.
Location: Hanson Nature Learning Center

Tuesday, Oct. 16
FALL COLOR WALK
Take a walk with botanist Lisa Wagner to learn more about the ecology of fall color and leaf drop. During the walk, we’ll enjoy fall colors in the Garden and focus on the variety of tree and shrub leaf colors and talk about the species-distinct differences.
Fee: $4 per person ($3 members & volunteers)
Time: 12 – 1 p.m.
Location: Meet at Caboose Parking Area

Tuesday, Oct. 23
GARDEN NATURALIST: TREE ID
Learn to identify common trees of the South Carolina Piedmont by their leaves, bark, branching patterns, and tree form with Garden educator Sue Watts. Fall is an excellent time to learn about fruit and twig characteristics. Class time will be divided between classroom exercises and a field trip into the Botanical Garden forests.
Fee: $20 ($15 members & volunteers)
Time: 10 a.m. – noon
Location: Hanson Nature Learning Center

Wednesday, Oct. 17
RE-VISIONING YOUR HOME LANDSCAPE
Do you want to improve your home landscape, whether it’s open, overgrown, or something in between? Join Director of Education Lisa Wagner for a creative workshop focused on turning your existing yard into a garden that’s attractive and sustainable. Through photo analysis and (virtual) site visits, this workshop will collaboratively focus on participants’ landscapes. Bring digital files or large format (8x10 or larger) photos of the areas in your landscape that you’d like to work on and a site map or plan of your property to the class. Workshop size is limited to 8.
Fee: $35 ($25 for members & volunteers)
Time: 9 a.m. – noon
Location: Hanson Nature Learning Center

Wednesday, Oct. 24
NATURE DISCOVERY HIKE: FALL FRUITS AND SEEDS
Discover the interesting world of fruits, cones and seeds in a fall walk in the Garden with naturalist and botanist Lisa Wagner. We’ll examine the variety of fruits produced and learn about their natural history, dispersal, and connections with wildlife.
Fee: $4 per person ($3 members & volunteers)
Time: 12 – 1 p.m.
Location: Meet at Caboose Parking Area

Friday, Oct. 26
HERBAL SCRUBS AND SPLASHES
Begin the weekend with a relaxing time learning about using the power of herbs to soothe and heal with Garden Educator Sue Watts. We’ll prepare lavender sachets, create spa-style herbal soaks and discover the refreshing power of aromatic scrubs and splashes. Class requires a minimum of five participants registered the Monday before class meets. All materials are provided.
Fee: $30 ($25 for members and volunteers)
Time: 3 -5 p.m.
Location: Hanson Nature Learning Center

Tuesday, Oct. 30
EFFECTIVELY COMBINE COLOR, TEXTURE, AND SHAPE IN YOUR GARDEN
Combining plants in large or small spaces in your garden doesn’t have to be complicated, but benefits from using foliage texture, seasonal color, and plant characteristics to create a pleasing design. Join Director of Education Lisa Wagner to learn how to create successful combinations that work all year.
Fee: $15 ($10 for members and volunteers)
Time: 10 – 11:30 a.m.
Location: Hanson Nature Learning Center

Tuesday, Nov. 6
HOME LANDSCAPE FUNDAMENTALS: UNDERSTANDING PLANTS
Would you like to transform your yard into a garden? Understanding plants and their needs is key to creating a rewarding landscape that’s a joy, not a chore. Director of Education Lisa Wagner will help you better understand the language of your garden from her perspective as a plant ecologist and keen gardener in this introduction to plant biology for gardeners.
Fee: $15 ($12 for members)
Time: 10 a.m. – noon
Location: Hanson Nature Learning Center
Use our **ONLINE REGISTRATION SYSTEM** at [www.clemson.edu/scbg](http://www.clemson.edu/scbg) to register. Please preregister for all programs - call to check for last minute availability.

**November**

**Tuesday, Nov. 13**

**GARDEN NATURALIST: FOREST ECOLOGY**
Spend the morning exploring the forest habitats of Upstate South Carolina within the SCBG with SC Master Naturalist Sue Watts. Experience the rich beauty and species diversity of the Jocassee Valley, the rare basic mesic forest, the Piedmont oak-hickory forest and finally the beautiful Hopkins Beech Grove. Learn about the geology, flora and fauna of each area and why the Southern Blue Ridge is an ecological treasure. Bring a sack lunch.

*Fee: $50 ($45 members & volunteers)*
*Time: 9 a.m. – 2 p.m.*
*Location: Hanson Nature Learning Center*

**Wednesday, Nov. 14**

**HOME LANDSCAPE FUNDAMENTALS: CHOOSING PLANTS**
Plant selection is key to creating a rewarding, attractive landscape. Choosing “the right plant for the right place” means not only understanding the size and shape of a plant, but also matching plants (based on their natural heritage) with sun, soil, and moisture conditions in your landscape. Join Director of Education Lisa Wagner for a fresh look at choosing plants for your landscape based on their habitats.

*Fee: $15 ($12 for members & volunteers)*
*Time: 10 a.m. – noon*
*Location: Hanson Nature Learning Center*

**Tuesday, Nov. 27**

**GARDEN NATURALIST: PRINCIPLES AND PRACTICES OF INTERPRETATION**
In this fun, hands-on workshop for beginning interpreters, Sue Watts will help you learn how to create a connection between you and your audience and how to develop teachable moments. This class for potential volunteers uses SCBG program content to develop the principles and practice of interpretation.

*Fee: $20 ($18 members & volunteers)*
*Time: 9 a.m. – noon*
*Hanson Nature Learning Center*

**Wednesday, Nov. 28**

**HOME LANDSCAPE FUNDAMENTALS: DESIGNING WITH PLANTS**
A pleasing landscape depends on combining trees, shrubs, and perennials in ways that work over the seasons (and years). In this class, Director of Education Lisa Wagner will help you think about designing with plants with space and time in mind. She’ll also talk about using design elements such as shape, size, foliage texture, and color to maximize garden appeal throughout the year.

*Fee: $15 ($12 for members & volunteers)*
*Time: 10 a.m. – noon*
*Location: Hanson Nature Learning Center*  

**December**

**Friday, Dec. 7**

**UKRAINIAN EGG PAINTING**
Decorative eggs make a dramatic and thoughtful gift at any time of the year, but they are especially fitting as holiday decorations. In this beginner’s workshop with Garden educator Sue Watts, learn how to make blown eggs and practice this decorative technique that relies on the magical properties of beeswax and the artistry of the human hand. Each participant will receive a basic Pysanka kit and half a dozen eggs to decorate.

*Fee: $40 ($35 for members and volunteers)*
*Time: 3 – 5 p.m.*
*Location: Hanson Nature Learning Center*

**Programs for Families**

**Saturday, Sept. 1, Oct. 13, Nov. 3, and Dec. 1**

**HUNT CABIN OPEN HOUSE**
Step back into the nineteenth century as you enter the historic Hunt Cabin with Sue Watts and a variety of other historical interpreters and crafts people. Learn more about life on the South Carolina frontier.

Enjoy the coolness inside the cabin, listen to tall tales and folk tales, and experience some of the chores and entertainments of the past.

*Sept. 1: Celebrate the Fiber Arts*  
*Oct. 13: Celebrate the Harvest*  
*Nov. 3: Gourds and Pumpkins*  
*Dec. 1: Celebrate the Season*

See our website for complete program descriptions.

*Fee: Donations to the Hunt Cabin Fund*
*Time: 10 a.m. – 2 p.m.*
*Location: Hunt Cabin*

**Fridays, September 14 & 21**

**APPLE PRESSING AND BUTTER CHURNING**
The Autumn Equinox is September 22nd- let’s celebrate! Allison Jones and Kendra Vincent will explore how autumn, the harvest season, has been celebrated around the world throughout history. We’ll also do some harvesting of our own in the garden. Each participant will churn butter and make fresh apple cider in an old-fashioned apple press!

*Please register at least 3 days in advance.*
*Fee: $8 ($7 members & volunteers)*
*Time: 4:30 - 6:30 p.m.*
*Location: Hanson Nature Learning Center*  

Unless otherwise noted, youth and family programs meet in the Hanson Nature Learning Center in the lower level of the Hayden Conference Center  
( #7 on the Garden Map )
Fridays, October 12 & 26
CREATURES OF THE NIGHT
From bats and owls to snakes and spiders, Allison Jones and Kendra Vincent will teach you about the interesting adaptations of a variety of night-active animals. All participants will dissect and investigate the contents of a real owl pellet - whooooo knows what we’ll find?! We’ll end our adventure with a creepy critter craft and marshmallows by the campfire.
Please register at least 3 days in advance.
Fee: $8 ($7 members & volunteers)
Time: 6 - 8 p.m.
Location: Hanson Nature Learning Center

Friday, November 9
TREE HUNTERS AND LEAF ARTISTS
Join Garden Educators Allison Jones and Kendra Vincent for a walk in the woods and learn fun facts about the forest. We’ll use riddle clues to find the way on a tree scavenger hunt! Then we’ll make beautiful art out of real autumn leaves, and enjoy a story by the campfire.
Please register at least 3 days in advance.
Fee: $7 ($6 members & volunteers)
Time: 3:30 - 5:30 p.m.
Location: Hanson Nature Learning Center

Friday, November 16
BROTHE EAGLE, SISTER SKY
In this fun afternoon program, Allison Jones and Kendra Vincent will explore our connection to and reliance on the natural world through various games and activities. We’ll learn about the interesting ways that various Native American tribes relied on plants and animals in the past. We’ll read “Brother Eagle, Sister Sky” in the Garden, and each participant will make a web-of-life dream catcher to take home! Please register at least 3 days in advance.
Fee: $7 ($6 members & volunteers)
Time: 3 - 5 p.m.
Location: Hanson Nature Learning Center

Friday, December 7
WINTRY WREATHS:
’Tis the season for wreath making! While sipping on cider and cocoa, we’ll learn about the interesting history of this tradition, and then we’ll make lovely, fragrant evergreen wreaths to decorate our homes. Adults and children alike will enjoy this crafty, seasonal program led by Allison Jones and Kendra Vincent. Please register at least 5 days in advance.
Fee: $25/adult – large wreath ($20 members & volunteers)
$10/child – small wreath ($8 members & volunteers)
Time: 4 - 6 p.m.
Location: Carriage House (behind Discovery Center)

Programs for Youth

GARDEN SPROUTS
Your children discover the wonders of the Botanical Garden alongside Garden naturalist and educator Sue Watts. In this nature-based program for preschoolers and a caregiver, a new theme is introduced each week with new discoveries, songs to sing, and engaging activities to captivate young minds. Garden Sprouts blends the Garden’s unique resources with imaginative and fun ways to learn about plants and animals. We use music, stories, arts and crafts, nature walks, movement, touch and observation to explore each week’s theme.
Fee: $5 per class
Time: 10 – 11 a.m.
Location: Hanson Nature Learning Center

Monday, Sept. 10, Oct. 1, Nov. 5, Mar. 4, Apr. 1, May 6
4-H JUNIOR NATURALIST CRITTER CLUB
Kids from grades 3-5 are invited to participate in the first 4-H Junior Naturalist program to be held in the South Carolina Botanical Garden! Join Sue Watts and Patricia Whitener as we explore the properties and power of water. We’ll investigate the ponds and streams in the Garden and take a field trip to learn more about fish and fishing in the area. Participants will receive a t-shirt and certification as a Junior Naturalist by participating in 5 of the 6 sessions and completing a service project.
Fee: $70 for the series (Sept. - May)
Time: 3:30 – 5 p.m.
Location: Hanson Nature Learning Center

Monday, Sept. 17, Oct. 8, Nov. 12, Mar. 11, Apr. 8, May 13
4-H JUNIOR NATURALIST ECO CLUB
Kids from grades 6-8 are invited to participate in the first 4-H Junior Naturalist program to be held in the South Carolina Botanical Garden! Join Sue Watts and Patricia Whitener as we explore the properties and power of water. We’ll investigate the ponds and streams in the Garden and take a field trip to learn more about fish and fishing in the area. Participants will receive a t-shirt and certification as a Junior Naturalist by participating in 5 of the 6 sessions and completing a service project.
Fee: $70 for the series (Sept. - May)
Time: 3:30 – 5 p.m.
Location: Hanson Nature Learning Center

Monday, Oct. 15
FALL NATURE PLAY DAY
School’s out, so come and play! Enjoy a fun-filled day with South Carolina Botanical Garden staff. Arts, crafts, scavenger hunts, creativity and nature combine to make an unforgettable day in the Garden. Bring a sack lunch – snacks provided.
Fee: $20
Time: 8 a.m. – 4 p.m.
Location: Hanson Nature Learning Center
Thank you for making generous donations between 2/18/2012 and 8/17/2012. New donors are listed in green - welcome! All members at the Magnolia, Maple, Emerald, Camellia and Sapphire levels are joint members of the Garden and Geology Museum.

**Garden FRIENDS**

**Maple Members ($250)**
- Jacob & Jennifer Dean
- Lisa Barker
- Joe & Adene Waldrop
- Susan Batzey
- Lois Selfon
- Carol Ringeisen
- Randy Renz
- Paula Rauscher
- Steve McFarland
- Cyndy Marks
- John Tokar & Sandra Risvold
- Cira Traber
- Mary Williams
- Harry and Adene Waldrop
- Susan Batzey
- Lewis and Kathi Rich
- Holly Members ($60)
- William Atkins
- Brenda Baker
- Ronald & Sue Baldwin
- Paul Baughman
- Karl & Virginia Bauman
- Karla & Dave Brandt
- Jim & Judy Bazzone
- John & Susan Bies
- Joe & Evelyn Boykin
- Robert & Susan Brown
- Wesley & Karen Burnett
- Scott & Christina Carrick
- Jim & Gaylene Carson
- Bill & Myra Cato
- Jim & Leslie Cochrane
- Tena Cogswell
- Linda Davy
- Patty Dee
- Russell & Myrle Diefendorf
- George & Cile Dunkelberg
- Rodrigo & Ida Fernandez
- David & Connie Finger
- Bob and Pam Field
- Anita Fredman
- Courtney Galbreath
- Ray Gillespie
- Connie Graves
- Walter & Lynne Hadden
- Elleen Hamilton
- Bob & Fran Hanson
- Nancy Hassid
- Tim & Jeanne Henery
- Tommy & Nell Hodge
- Charles & Judith Maxfield
- Jim & Barbara McCabe
- Jackson McCarter
- Linda McCuen
- Jim & Sandra McKellar
- Pat Menzies
- Bruce and Marilyn Miehe
- Andrew & Heather Mitchell
- Boyce & Heather Mullina
- Samantha Murphy
- Bill & Jean Nettles
- David & Marsha Norris
- Ken & Anne Norton
- Roy & Marguerite Ogle
- Robert & Kristen Osborne
- John & Marite Ozols
- Steven & Jane Peck
- Ann Polous
- Shirley Reeves
- John & Diane Schnell
- David & Virginia Senn
- Ben Sharp
- Annelle Shealy
- Daniel Singleton
- Eugene & Frances Snyder
- Tony & Diane Sosnowski
- Mark & Joan Steadman
- Rick & Nancy Stockman
- John & Sally Taylor
- Andy & Karen Thomas
- James & Susanna Thompson
- Ray & Fran Turner
- Susanna Urejen
- Mike Walker & Janet McPhail
- Carolyn Willey
- Roy & Ann Young
- Barbara Zacharczyk
- Thomas & Ellen Zuercher
- Hosta Members ($45)
- Jodie Allen
- Carol Allen
- Karen Andrews
- June Banton
- Judith Banton
- Dina Battisto
- Shirley Bennett
- Vincent Blouin
- Dorothy Boone
- Chris Bottoms
- Mary Bowman
- Patricia Brandes
- Joyce Brickett
- Ann Brown
- Mary Brown
- Barbara Budan
- Joyce Bussey
- Richard Cain
- Frank Callcott
- Karen Campbell
- Lorraine Cauthen
- Barbara Chapman
- June Chastain
- William Cheezem, Jr.
- Betty Clausen
- Grace Cook
- Delva Cooksey
- Jackie Counts
- Linda Crenshaw
- Sarah Crittenden
- Susan Davidson
- Eugenia Davis
- Kay Dearing
- Becky Drew
- Maxie Duke
- Daniel Engler
- Susan Fedor
- Jennifer Fennell
- Sandy Ferguson
- Roy Fleming
- Leslie Flynn
- Kris Frady
- Madeline Freeman
- Julia Frugoli
- Renee Gahan
- Karin Gaither
- Sara Gambrell
- Jo Etta Gantt
- Nancy Gara
- Rob Gentry
- Lee Gettys
- Sara Gilliland
- Ann Gilreath
- Judy Goosen
- Ruth Gorman
- Rose Graham
- Elizabeth Grannan
- Roger & Martha Grant
- Kathryn Gravely
- Rebecca Graves
- Beth Gray
- Sara Griffin
- Mona Guy Fleming
- Susan Hamill
- Fredi Hallman
- Elizabeth Halpin
- Bill Hamel
- Becky Harley
- Patricia Harris
- Millie Hawthorne
- Judith Hebert
- Eleanor Herr
- Angela Hix
- Sharon Hoefr
- Frank Hollemann
- Phyllis Horton
- Barbara Hoskins
- Marsha Hughes
- Rebecca Hyatt
- Richard & Virginia Imershein
- Tracy Ivester
- Jack Jackson
- Dolly Johnson
- Elizabeth Johnson
- Jean Jones
- Kay Jordan
- Donna Jurus
- Patricia Kelly
- Mary Jervey Kelby
- Claire King
- Joan Korth
- Julie Lamp
- Lynn Landis
- Barbara Laughter
- Suzanne Leach
- Helen Lewis
- Gary Lindle
- Susan Loeb
- Judith Lovering
- Lee Lyon
- Wendy Marshall
- Lou Ann Martin
- Karen Maters
- Michael McClain
- Lillis McCormick
- Dan McGonigle
- Jo McKenna
- Terry McKenney
- Holly McPheeters
- Meredith McTigue
- Julie Morabit
- Sandy Nelson
- Adrienne Nelson
- Judi Nowocin
- Julie O'Neal
- Allen Palmer
- Melissa Parris
- W. Frank Phillips
- Barbara Plunkett
- Priscilla Raeuber
- Lester Rainey
- Wilmer Richardson
- Julie Rives
- Christine Robinson
- Aleta Robinson
- Cynthia Rodgers
- Rosemary Ross
- Aleda Roth
- Jack Rowe
- Ken Ruinard
- Kathy Russ
- Martha Sample
- Bill Sautter
- Anita Schruch
- Judy Seeley
- Sherri Shevalier
- Dawn Shirley
- Jane Skolnick
- Linda Smith
- Sharon Smith
- Elisa Kay Sparks
- Darlene Sprowls
- Jo Stubbs

**Camellia Members ($100)**
- Richard & Pamela Ashley
- George & Jean Askew
- Lisa Barker
- Welch & Sara Bostick
- Hubert & Marge Bowick
- Joseph Brazy
- John & Mary Breneman
- Richard & Elaine Bushey
- Claire & Frances Caskey
- Robert & Mary Alice Clayton
- Robert & Karen Ellis
- Marv & Mary Etten
- Michael & Lisa Ferney
- John & Pam Floyd
- David & Anne Finken
- Mike Ledford
- Wayne & Barbara Madison
- Linda & Jim McKee
- Perrin Kreidler
- Kim Ledford
- Wayne & Barbara Madison
- Louise Mannion
- Michael & Terri Mendonca
- Richard & Isabel Millward
- Don & Linda Nash
- Samuel & Annie Plowden
- Richard Porcher
- Jack Postle
- Glen & Shannon Quattlebaum
- Paula Rauscher
- Randy Renz
- Carolyn Ringeisen
- Grace Schmeelck
- Barta & Stephanie Schmidt
- Belinda Secker
- Susan Scott Soyers
- Anne Seger
- Conrad & Susan Shuler
- Benjamin & Lois Sill
- Charles Smith
- John & Catherine Spragins
- Harry & Karen Stewart

**The Garden's Gate • 10**
Garden Gifts-In-Kind

Jack & Patricia Devroomen

Amethyst Artists ($45)

Paul Porter
Conrad Stephenson
Sally Whiddon

Specific Funds:

Butterfly Garden
Linda Alston & Edward Binic

Tree in memory of Susan Barrineau Jones:

Heather Ashley Ashton
Tracy Craig
Melissa Bailey Doolittle
Kelli Petty Farmer
Anna Carter Kenan
Mandy Mullikan Kibler
Amy McTigue
Codie Wicker Ruff
Cheryl Ashley Woodruff

Class of ‘42 Cadet Life Garden

Ralph Sullivan

Founders Garden

J. C. Cook

FW Thode Botanical Garden Endowment

The Garden Club of Alken, in honor of Ted Stephens

Hosta Garden

Master Gardeners of the Foothills

SCBG Friends & Museum GeMS

Mary Jane Sturwold
Audrey Swart
Gloria Syne
Mary Ann Taylor
Susan Temple
Sharon Thompson
Ginger Tidman
Edith Triguito
Kate Troelstra
Frances Tucker
Ben Turetzky
Dorothy Van Blaricom
Joan Walker
Meg Walworth
Clara Warner
Janice Whitten
Melvin Younts

Garden Gifts-In-Kind

Chrysanthemum Club

Rose Graham, Abbeville

Museum GEMS

Patron Members ($1000+)
Paul and Judy Benson

Emerald Members ($525)
Richard Blob and Nora Espinoza

Sapphire Members ($100)
Michael Davis
Jerry and Jean Greene
Mark Lasitter
Archibald and Frances Muckenfuss
John and Marty Rodgers
John and Amy Twitty
Thomas Williams

Ruby Members ($50)
John and Elaine Ishler

In Memory of William Zeigler:

Barbara Clemens
Christopher & Diana North
Lewis & Linda Piler
John & Sandra Potter
William Potter
Taze and Betty Senn
Sara Wheeler

Hopkins Family Garden Endowment,
In Memory of Betty Hopkins

Mary Abercrombie
Bluewater Civil Design LLC

Henrietta Cannon
Carolina Wren Farm
Elaine Carver
City of Fountain Inn
Donaldson Center Fire Service Area
Toby Garrett
Berry Garrett
Blake Garrett, Jr.
Jack Gilliland
Rebecca Girardeau
Nancy Hammond
Margaret Herndon
Emma Holman
John Johnston
Nancy Johnstone
Phylis Jones
Butch Kellett
Benjamin Knight
Allen Knight, Jr.
Jane MacLennan
Mary McDonnell
Phileas Meares
Carolyn Pandol
Patriot Capital, L.P.
Mary Pruitt
Emily Sands
Woody Sharpe, Jr.
Susan Small
Ann Smith

SCKG Friends & Museum GeMS

Thomas & Gary Collins
Rogier Crouch, Jr.
Rebecca Epting
James Fagan
Brenda Frye
Margaret Gatch
Anne Hagood
Robert & Carolyn Harbison
Jerry Harmon
Eugene Hayes
Jim Hiott
James Hunter
Caroline, Inc.
Mary Jones
Mark Jones
Bobby Kapp
Paul Kennedy
Rufus Kimrey, Jr.
Bill King
Gene Kitchings
Walter Knox
Boyod Loadholt, Sr.
Stephen Long
Nicholas Martin, Jr.
John Miller
Jim Murray
Lonnie Nelson
Ned Owings
Eric & Diane Phillpott
Walter Pitts
Cortez Proctor
Charlie Rians
Fred Richardson
Gerald Rose, Sr.
Edward Selby, Jr.
Donald Sheehely
Larris Snelgrove
James Stamay
Dalton Still
Robert Teague
Earl & Susan Wagener
Joseph Wallace
Thomas Washington
Kirk Weyman
Patricia Willimon,
in memory of Eugene Willimon

SCBG Children’s Garden

Barbara Budan
Lake and Hills Garden
Club of Keowee Key
Master Gardeners of the Foothills

We apologize for any errors or omissions. Please call Allison Jones at 864-656-4602 or e-mail allisoo@clemson.edu with corrections for gifts made from 2/18/2012 to 8/17/2012.
Wildflower ecology: Bear Corn

Hiking in the Smokies in early June, I came upon a young black bear foraging in the woods. Partially hidden behind a large dead hemlock tree, and with a pair of binoculars in hand, I watched the bear consume the fruits and shoots on multiple clumps of squawroot (Conopholis americana), a process that went on for nearly an hour (and delayed quite a few hikers, too). In addition to obtaining nutrients, it’s thought that bears seek out squawroot to stimulate bowel activity. The plant in turn benefits by having its tiny seeds dispersed over a large area. This increases the chance that at least some seeds will be deposited in close proximity to the roots of a suitable host plant, required for successful establishment as squawroot is an obligate root parasite (mainly on oaks). Given that bears actively eat the shoots, which resemble small ears of corn popping up through the soil, perhaps a better (and more politically correct) name for this plant is bear corn.

~ Tim Spira, CU botany professor and author of *Wildflowers and Plant Communities of the Southern Appalachian Mountains and Piedmont*