School vegetable gardens and habitat gardens are not a new concept, but are increasingly becoming part of community-based initiatives.

Vegetable gardening is a year-round activity in many parts of the country, certainly here in the Southeast, and often includes edible landscapes with fruits, berries, and nuts.

Similarly, vibrant habitat gardens supporting birds, butterflies, dragonflies and other wildlife are wonderful in summer, too, not just in the academic year.

So, it’s been encouraging to see school gardens becoming more community-based, with volunteers drawn from a broader group than just parents and teachers, including Master Gardeners and community organizations.

I recently attended a great Farm to School conference for Cooperative Extension staff from NC, SC, and GA, coordinated by the Appalachian Sustainable Agriculture Program. The goal of the conference was to encourage collaboration and involvement between Extension programs (this includes SCBG), local schools, and community organizations interested in local food.

We’ve promoted school and community gardening in our programs and outreach efforts for many years at SCBG, and I’m excited to see these new developments.

Why not check out what might be happening at a local school or community center near you and see how you can help?

~ Lisa Wagner
Director of Education
Interim Director’s Message

Change – it’s one of the constants of nature, despite the fact that as individuals we often dislike it or fear it. There is change all around us. This summer has been extremely challenging for the staff and the plants. We’ve had no fewer than 8 days above 100 degrees and nearly every day this summer has seen temperatures over 90°F. This, combined with a general lack of rain has stressed many of our exhibits. We have tried to use our resources wisely, while keeping the historical portions and core of the garden vibrant and alive. That said you will notice many burnt leaves and wilted plants, despite our best efforts. This weather pattern appears to be the new norm and we have to re-evaluate what we plant and what we maintain - we will continue to adapt for the better.

Climate aside, there are many other changes happening at the garden. Sue Watts is now working on staff as Education Coordinator. We are extremely excited to watch the number of programs and attendance grow. Dave Cicimurri has accepted a position as Curator of Natural History at the State Museum in Columbia. We offer him many congratulations and I’m sure that he will continue to grow and add greatly to our knowledge of Paleontology in this position. His wife, Christian, will also be leaving the Geology Museum. We can’t thank the Cicimurris enough for over a decade of dedicated service. I’m also excited to announce that Allison Jones will be moving to the Geology Museum as an educator and our programs and museum will be open as usual. The Museum will be having an open house on September 25 – I hope you will be able to attend. We also will begin an exciting concert series at the Amphitheater every Friday at 7 p.m. this fall, beginning September 16th. Come enjoy free music under the stars and bring the family.

We continue to grow, improve and flourish here at the Garden, despite the difficult financial times for our state. This is in large part due to your continued support and volunteer efforts. I thank you from the bottom of my heart and encourage you to talk to someone else about getting involved - joining our Friends program or volunteering here. Change simply happens and we are excited to see what the future holds.

~ Patrick McMillan
Children’s Garden

Children’s Garden Manager Ginny Steadman, with the help of the rest of the Horticulture staff, has created a delightful new series of beds in a formerly scruffy lawn adjacent to the Ethnobotany Garden (part of the Children’s Garden).

Carefully placed boulders have created new planting niches, and sheltered sitting areas will be the next addition.

Thank you... to Boy Scout Troop 235, sponsored by Fort Hill Presbyterian Church in Clemson.

They recently completed two Eagle Scout Projects which complete the Garden’s new Hunnicutt Creek Trail. Eagle Scout Reid Pigeon overhauled the trailhead’s pedestrian bridge with a new outrigger design and reworked the embankment steps leading from the Bob Campbell Geology Museum’s parking lot.

The Hunnicutt Creek trail takes hikers along on a woodland path with several creek crossings, elevation changes, Beech tree stands, an old dam’s rusting mechanisms (used previously as a water source for campus fire response), unique boulders and rock formations, culminating in a wetland 75-foot boardwalk crossing to the corner of Cherry Road and Crestwood Drive. The boardwalk was designed and installed by Life Scout Jared Whisnant, who also worked with trail organizer and volunteer Todd Steadman.

Thank you to both scouts and the troop for their long lasting contributions!

Thank you... to the Iris Garden Club of Salem, who recently donated $1,000 to the South Carolina Botanical Gardens. The Club raised the donated funds at its recent Tour of Homes, which took place on May 14, 2011.

(left to right) Lynn Rigby, Garden Club President, Chris Cicimurri, SCBG, John Bodiford, SCBG, and Jane Skolnick, Coordinator of Community Service for the Iris Garden Club.
Education Update

We’re reorganizing our education program staffing to reflect some significant changes within the Garden and Museum.

With Christian Cicimurri’s departure sometime this fall (see related story in The Geological Record), Allison Jones will be taking over her education role at the Museum, doing school programs and continuing to do family programs once or twice a month.

With the ending of designated Sprouting Wings funding, this move uses Allison’s talents to support not only natural history education but will also support public access to the resources of the Museum. Allison will also take over Christian’s responsibilities managing the Garden’s FRIENDS membership program.

Sue Watts will become Education Coordinator (part-time), increasing her hours to half-time plus programming. She’ll be helping manage and develop Garden education programs.

Her increase in hours is tied to my reduction in hours (and transfer of the salary ‘savings’) as I focus on programs and interpretation, and spending more time in nature and my own garden(s).

This transition allows Sue to further expand her contribution to the Garden. She’s effectively served the Garden in the past as a full-time staff member, and most recently as a part-time educator and volunteer.

By effectively pursuing an informal version of ‘job-sharing,’ Sue and I will both benefit, along with the Garden.

~ Lisa Wagner, Director of Education

Sprouting Wings Update

As many of you already know, Sprouting Wings’ annual funding was not renewed this year. Since that time, we have been trying to maintain Sprouting Wings through fee-based education programs and other fundraising efforts. Unfortunately, after much consideration, we’ve concluded that we will no longer be able to offer the Sprouting Wings Environmental Education Program. Our hope is that this beneficial program may be reintroduced in the future, if resources become available for it.

We want to thank all those who have supported the Sprouting Wings Program throughout its duration of nearly 20 years. Each year, Sprouting Wings has been blessed with many wonderful volunteers from Clemson University and the surrounding community, and we are truly grateful for the time and effort they committed to the program’s success. We especially want to acknowledge the late Mr. and Mrs. Robert Campbell. Their generous contributions made Sprouting Wings possible for so many years and, in turn, made a difference in the lives of thousands of children throughout the upstate of South Carolina.

Although we are saddened by the discontinuation of Sprouting Wings, we cannot help but feel fortunate and proud to have been a part of such a positive, transformative program for young people. The experiences that we’ve had as educators at Sprouting Wings have been invaluable, and we are very thankful for the opportunity we’ve had to learn and grow through teaching in this setting.

Thanks again to all who have made a difference for Sprouting Wings throughout the years,

~ Allison Jones, Sprouting Wings Coordinator
~ Kendra Vincent, Sprouting Wings Assistant Coordinator

Fall is the time to plant!

Children’s Garden view, August, 2011
CONCERTS IN THE GARDEN

Fridays
Sept. 16 – 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 ...” ~ cdbaby

Sept. 23 – Tugalo Holler
“Not your ordinary family bluegrass band, Tugalo Holler has proven to be a hard hitting bluegrass/gospel phenomenon with a continually growing fan base and an ever-broadening repertoire of traditional, contemporary and original music written by almost every member of the group.” ~ cduniverse

Sept. 30 – The Hoodoo Hounds
The Hoodoo Hounds are a five piece blues band, rooted in the delta blues school of Mississippi, Louisiana, and Texas, played in the Chicago electric style.

Oct. 7 – Tropical Island Players
Their performance is action packed and audience oriented. It includes an island flavored/Harry Belafonte style repertoire, seasoned with their own unique jazz licks and topped off with a touch of beach music.

Oct. 14 – 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, Carly Simon and Janis Joplin.” ~ Chris Mowder, ListenUp Myrtle Beach

Oct. 21 – Six Chickens and a Beer
The completely acoustic musical repertoire of Six Chickens and a Beer has been described as 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.

Fee: Free
Time: 7 p.m. - 10 p.m.
Location: Garden Amphitheater

Saturday, Oct. 29
HERITAGE FESTIVAL
A family-oriented celebration of the nature, arts, history, and culture of South Carolina. The 2011 Heritage Festival features a day filled with:
- Art, crafts, multi-cultural music, storytellers & dance
- Garden tours, educational classes & lectures
- Hands-on children’s activities

Fee: Free
Time: 10 a.m. - 5 p.m.
Location: Throughout the Garden

The Geological Record

Museum staff changes
After 12 years at the Bob Campbell Geology Museum, the Cicimurris are relocating to Columbia, SC to further their professional careers. In mid-September, Dave Cicimurri will begin a new position as Curator of Natural History at the South Carolina State Museum, with broad responsibilities for their significant natural history collections. Christian Cicimurri will also be relocating to Columbia in the coming months, however she will continue as the Curator of Education until (at the latest) mid-December. She’s looking forward to exploring new options for the next phase of her career as an educator and manager.

The Museum will remain open to the public, with student staff providing visitor services during regular open hours. Allison Jones will be moving from Sprouting Wings to the Geology Museum, where she will continue to plan and provide educational programs, as well as assume many of Christian’s other current responsibilities. The search for a new Curator (of Collections) will begin when the Museum’s budget allows, hopefully in summer of 2012. In the meantime, the Museum’s display gallery will remain as it is.

Dave and Christian would like to thank all of the Museum’s GeMS for their wonderful support over the years. Much of what they have accomplished at the Geology Museum would not have been possible without their financial contributions, volunteer time, and specimen donations.

The Museum will continue to be a fun and interesting place to visit with family and friends, and Dave and Christian hope that you continue to support this valuable educational resource.
September

WEDNESDAYS, SEPT. 7, 14, 21, 28
GARDEN NATURALISTS
The Garden is a rich composite of a number of fascinating upstate SC ecosystems. Join SC Master Naturalist Sue Watts for informal and fun natural history explorations in the Garden.
Explorations include: Stream discoveries (9/7), Pond explorations (9/14), Basics of bird watching (9/21), Bird adaptations, habits, and habitats (9/28).
Join us for several or all explorations.
Fee: $10 ($8 for members & volunteers) per session
Time: 9 – 11 a.m.
Location: Hanson Nature Learning Center

WEDNESDAYS, SEPT 21 & 28
RE-VISIONING YOUR HOME LANDSCAPE
Do you want to improve your home landscape, whether it’s bare or overgrown? Join Lisa Wagner for a creative 2-day workshop focused on turning your existing yard into a garden that’s attractive and sustainable. Through photo analysis and site visits, this workshop will collaboratively focus on participants’ landscapes. Bring 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 first class. Workshop size is limited to 8.
Fee: $125 ($95 for members & volunteers)
Time: 9 a.m. – 3 p.m.
Location: Hanson Nature Learning Center

THURSDAY, SEPT. 22
CREATE A SAND-CAST BIRDBATH
Make a beautiful birdbath for your feathered garden visitors. Spend a relaxing and creative morning in the Garden playing in sand and concrete to permanently capture the ephemeral beauty of your chosen leaf.
Fee: $35 ($30 for members and volunteers)
Time: 9. – 11 a.m.
Location: Hanson Nature Learning Center

SUNDAY, SEPT. 25
MUSEUM OPEN HOUSE: LET’S GET GLOWING!
This year the Geology Museum’s annual open house will focus on the wonder of fluorescence. Explore your world using ultraviolet light! Discover how bees see flowers, why rocks and minerals glow, and how scientists use fluorescence to identify forgeries and prevent counterfeiting. Children will enjoy painting a T-shirt or making a faux mineral picture frame ($5 each).
Proceeds from this event support educational programming at the Geology Museum.
Fee: FREE admission
Time: 1 - 4 p.m.
Location: Bob Campbell Geology Museum

October

WEDNESDAYS, OCT. 5, 12, 19, 26
GARDEN NATURALISTS
Join SC Master Naturalist Sue Watts for informal and fun natural history explorations in the Garden.
Explorations include: Oak-hickory forests (10/5), Beech forests (10/12), Discovering meadows (10/19), Tracks and Traces (10/26).
Fee: $55 ($45 for members & volunteers)
Time: 9 – 11 a.m.
Location: Hayden Conference Center

THURSDAYS, OCT. 6 AND 20
PRESSED FLOWERS
In this two-part workshop, we’ll capture the ephemeral beauty of fall flowers and foliage. During the first class, we’ll gather and preserve flowers from the Garden using a variety of methods. In the second week, we’ll use our preserved materials to create beautiful cards, gift tags and more.
Fee: $20 per class ($18 for members and volunteers)
Time: 9. – 11 a.m.
Location: Hanson Nature Learning Center
CREATE A HYPERTUFA PLANTER
Create unique garden planters using hypertufa, a versatile lightweight substitute for stone. Use plant materials, mosaic tile, glass, and carving to decorate your container, garden plaque or stepping stone – the only limit is your imagination. Bring a container to use as a mold or use one of the Garden's molds.
Fee: $35 ($30 for members and volunteers)
Time: 9 –11 a.m.
Location: Hanson Nature Learning Center

RAIN GARDEN DEMONSTRATION WORKSHOP
Rain gardens help slow water movement, by encouraging infiltration into soil, rather than running into storm drains or causing erosion. Water is taken up by plant roots or soaks into the ground. Native rain gardens attract birds, butterflies and other wildlife by restoring habitat. Join CU experts to learn about the details of rain garden design, plant choices, and then observe the process of installing a rain garden adjacent to the Hayden Conference Center. Sponsored by Pickens County Stormwater Partners, C.U. Carolina Clear, and the School of Agricultural, Forest, and Environmental Sciences.
Fee: Free, limited to 20 participants
Time: 9 a.m. - noon
Location: Hayden Conference Center

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

HOME GARDENING FUNDAMENTALS
Would you like to transform your yard into a garden? Understanding plants and their needs is key to creating a rewarding garden that’s a joy, not a chore. In this ongoing series, Lisa Wagner will help you better understand the language of your garden from her perspective as a plant ecologist and keen gardener. We’ll integrate learning about plants and their biology with the importance of garden design, focusing on regional examples (including participants' landscapes).
Fee: $30 ($25 for members and volunteers) for 3-class series, $15 ($12 for members) for single class
Time: 10:30 a.m. – noon
Location: Hayden Conference Center

OCTOBER IN THE GARDEN: ALLIUMS ALL
Crisp fall days signal that it’s time to plant members of the allium family. Garlic, onions, leeks and shallots provide a gamut of flavor for the garden cook. Learn about the varieties that do well in South Carolina and help us plant some in the Food for Thought Garden. Take home some seeds and starts for your own garden.
Fee: $20 ($18 for members and volunteers)
Time: 9 – 11 a.m.
Location: Hayden Conference 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.
November

Thursday, Nov. 3
HANDMADE PAPER
An introduction to the basics of simple hand papemaking using basic equipment and recycled materials. Explore some of the creative techniques that you can use to make unique experimental papers to take home that day. Turn discarded paper into works of art. Bring papers from home if you’d like. We will have plenty of materials to share.
Fee: $20  ($18 for members and volunteers)
Time: 9 - 11 a.m.
Location: Hanson Nature Learning Center

Tuesday, Nov 8
HOW TO CREATE A NATIVE WOODLAND GARDEN
The plants that grow in our native forests provide a wonderful plant palette for creating diverse and beautiful woodland gardens using Eastern North American natives. We’ll cover the variety of species that you can use, their characteristics and growth habits, and soil requirements. We’ll also talk about natural layers and processes in woodlands, planting methods, and mistakes to avoid.
Fee: $15 ($10 for members & volunteers)
Time: 10:30 a.m. - noon
Location: Hanson Nature Learning Center

Thursday, Nov. 10
FERN PRINTING
Participants explore the variety of ferns in the Garden and, under the guidance of garden educator Sue Watts, gather specimens to “print” without ink. Bring a t-shirt, pillow case, cloth napkin or other white item to decorate, and a ordinary metal hammer to discover this simple, yet dramatic, craft.
Fee: $15 ($10 for members and volunteers)
Time: 9 - 10:30 a.m.
Location: Hanson Nature Learning Center

Friday, Nov. 18
WINTER VEGETABLE GARDENING WORKSHOP
Would you like to have fresh greens through the winter? Simple frost protection provides a tempering influence, allowing cool-season veggies to thrive in our usually mild winters. Explore techniques of growing winter vegetables protected by row covers, cold frames, and versatile small hoop houses. Join Garden educators Lisa Wagner and Sue Watts for a growing adventure.
Fee: $15 ($12 for members & volunteers)
Time: 10 a.m. – noon
Location: Hanson Nature Learning Center

December

Tuesday, Dec. 15
MAKE A GINGERBREAD HOUSE
Gingerbread is a favorite way to embrace the colder months, the sweet aroma of cinnamon, cloves and molasses always evokes the holiday spirit. We’ll provide the baked gingerbread pieces, icing and candy; you provide the creativity. Take home a gingerbread masterpiece to share with your family.
Fee: $25  ($20 for members and volunteers)
Time: 9 - 11 a.m.
Location: Hanson Nature Learning Center

Culinary Adventures

Space is limited in Culinary Adventures - please preregister one week before program, or call for confirmation.

Thursday, Oct. 6
VISIT VIETNAM
Vietnamese cooks are known for their use of fresh ingredients, healthy preparations and delicate flavors. Join Sue Watts and Neil Calkin to explore this complex cuisine flavored with lemongrass, ginger, limes and chilies. Make a three-course meal and then enjoy it together as we learn about the culture and history of Vietnam.
Fee: $35 ($30 members and volunteers)
Time: 5:30 - 8:30 p.m.
Location: Hanson Nature Learning Center

Thursday, Nov. 17
SPICY NORTH AFRICA: MOROCCO
Ginger, turmeric, saffron and cinnamon are the spices which provide intricate depth to this distinctive north African cuisine. Learn about the food and customs of this region as we make, then enjoy, a traditional Moroccan meal.
Fee: $35 ($30 members and volunteers)
Time: 5:30 - 8:30 p.m.
Location: Hanson Nature Learning Center

Thursday, Dec. 1
TREASURES OF THE INDIAN SUBCONTINENT
Spices and herbs have always been fundamental to Indian cuisine adding flavor as well as having health-giving properties. Enjoy heady spices as we make and savor a meal showcasing India’s culinary diversity.
Fee: $35 ($30 members and volunteers)
Time: 5:30 - 8:30 p.m.
Location: Hanson Nature Learning Center
Programs for Youth

Please preregister for all programs.
Call to check for last minute availability.

Unless otherwise noted, youth and family programs meet in the Hanson Nature Learning Center in the lower level of the Hayden Conference Center (Garden Map #7)

**Tuesdays**

**GARDEN SPROUTS:**
- Sept. 6, 13, 20, 27: Explore our senses
- Oct. 4, 11, 18, 25: The Insect World
- Nov. 1, 8, 15, 22, 29: All about trees

Pre-school children and a caregiver are invited to join garden educator Sue Watts in a series of garden adventures. Carefully crafted classes engage young children in discovery and excitement of the natural world. Books, crafts, movement and gentle strolls make this a rich introduction to the natural world.

Fee: $7 per class ($5 for members & volunteers)

Time: 10 - 11 a.m.
Location: Hanson Nature Learning Center

**GARDEN ADVENTURERS**
- Sept. 13, 20, 27: Streams & ponds
- Oct. 4, 11, 18, 25: Forest Forays
- Nov. 1, 8, 15, 22, 29: Predators and Prey

In this after-school program for children (ages 6-12), explore the natural world with Garden Educator Sue Watts. In September, spend afternoons splashing in and around the Garden’s streams and ponds to search for salamanders, and catch crayfish. As temperatures drop, and the leaves change, explore the dynamic world of the forest. In November, we turn our attention to the relationship between predator and prey. All sessions will include fun hands-on activities and craft projects. Wear waterproof shoes for session one.

Fee: $7 per class ($5 for members & volunteers)

Time: 3:30 - 5 p.m.
Location: Hanson Nature Learning Center

**Sunday, Sept. 11**

**ENCHANTED HOME CONSTRUCTION PROGRAM**

The Garden has recently experienced an influx of fairies and elves needing homes. Bring natural materials from home, and/or “shop” for supplies in our fairy bazaar. Fairy face painting available. Finish this enchanted afternoon with fairy tales from around the world.

Fee: $4 per person ($3 members & volunteers)

Time: 2 - 4 p.m.
Location: Hanson Nature Learning Center

**Friday, Sept 23**

**FAMILY NATURE NIGHT: APPLES IN AUTUMN**

Come celebrate the start of autumn and Johnny Appleseed’s birthday! We'll find out who Johnny Appleseed was and discover how delicious fruits come to be. Enjoy an apple tasting and help make fresh apple juice in an old-fashioned apple press. We'll even make apple art!

Fee: $5 per person ($4 for members & volunteers)

Time: 5:30 - 7 p.m.
Location: Hanson Nature Learning Center

**Sunday, Oct. 2**

**WORM WRANGLING EXPEDITION**

Meet wriggly worms and massive millipedes as we flip over rotting logs, burrow into the leaf litter and investigate the ground under stones on the forest floor. Get down to bug level and meet these fascinating subterranean critters.

Fee: $4 per person ($3 members & volunteers)

Time: 2 - 3:30 p.m.
Location: Hanson Nature Learning Center

**Fridays, Oct. 7 or Oct. 21**

**FAMILY NATURE NIGHT: OWL PROWL**

In this program we will unravel the mysterious and fascinating lives of owls. We'll discover amazing owl adaptations and have the chance to be a scientist, working to dissect and investigate the contents of a real owl pellet! Whoooo knows what we'll find? We'll end our evening with a story and marshmallows by the campfire. Suggested age 9 years and up.

Fee: $7 per person ($6 for members & volunteers)

Time: 5 - 7 p.m.
Location: Hanson Nature Learning Center

**Sunday, Oct. 16**

**LET’S EAT PLANTS!**

Harvest late-season vegetables and learn how to prepare them in this simple cooking class for adults and children working together. We don’t know what we’ll make, but it’ll be fun!

Fee: $4 per person ($3 members & volunteers)

Time: 2 - 4 p.m.
Location: Hanson Nature Learning Center

Programs for Families

**Sunday, Sept. 4**

**CHASING DRAGONS, SEARCHING FOR DAMSELS**

Dragonflies are the most efficient hunters of the pond, and damselflies are fierce predators of stream banks. Uncover the magical life cycles, amazing powers, and delicate beauty of these warm-season beasts of the Garden’s watery world. Wear waterproof shoes.

Fee: $4 per person ($3 members & volunteers)

Time: 2 - 3:30 p.m.
Location: Hanson Nature Learning Center
Family programs (continued)

Sunday, Oct. 23
SUNPRINTS
Harness the power of the sun to make delicate nature prints. Take a gentle walk through the Garden to find objects with interesting shapes and textures – then create your one-of-a-kind masterpieces. As we make art, learn more about the science of the sun in this family workshop.
Fee: $5 per person ($4 members & volunteers)
Time: 2 - 3:30 p.m.
Location: Hanson Nature Learning Center

Thursdays, Nov. 3 or 10
FAMILY NATURE NIGHT: FALL FOLIAGE FUN
Have you ever wondered what causes leaves to change color in the fall? Why are leaves green in the first place? We’ll answer those and other questions and enjoy the autumnal colors of the Garden. After being inspired by the beauty of the outdoors, we’ll create beautiful leaf art to take home!
Fee: $4 per person ($3 members & volunteers)
Time: 5 - 6:30 p.m.
Location: Hanson Nature Learning Center

Sunday, Nov. 13
LOOK WHAT I MADE WITH A LEAF!
Spend a family afternoon gathering beautiful fall leaves in the Garden. Then unleash your creativity with several leaf crafts suitable for every age.
Fee: $4 per person ($3 members & volunteers)
Time: 2 - 3:30 p.m.
Location: Hanson Nature Learning Center

Sunday, Nov. 20
THREE SISTERS & THANKSGIVING
The three sisters - pumpkins, corn and beans - are the cornerstone of many Native American cultures. Learn how to make Cherokee succotash using these traditional ingredients. While we cook together learn more about the first thanksgiving and other harvest traditions from around the world.
Fee: $5 per person ($4 members & volunteers)
Time: 2 - 4 p.m.
Location: Hanson Nature Learning Center

Sunday, Nov. 27
WALK OFF THE HOLIDAY DINNER STROLLS
Bring out of town guests for a guided tour of your State Botanical Garden with Garden naturalist and historian Sue Watts.
Location: Caboose parking lot
Fee: $4 per person ($3 members & volunteers)
Time: Tours hourly at 1, 2, and 3 p.m.

Saturdays, Dec. 3 or 10
FAMILY SATURDAY: A HUNT CABIN CHRISTMAS
Learn about Christmas traditions of the 1800s, and experience what Christmas may have been like for the Hunt family who moved into the cabin in the 1820s. We’ll have refreshments and stories by the fire and try our hands at an old-fashioned craft! Registration is capped at 20, so sign up early.
Fee: $7 per person ($6 for members & volunteers)
Time: 10 - 11:30 a.m.
Location: Hunt Cabin

Sunday, Dec. 4
CELEBRATE ARBOR DAY
Arbor Day in South Carolina is the first Friday in December – a perfect time to plant trees. Join SCBG horticulturist John Bodiford to celebrate this important event by learning about how to properly plant a tree, and then help him plant some trees at the SCBG.
Fee: $4 per person ($3 members & volunteers)
Time: 2 - 3:30 p.m.
Location: Hanson Nature Learning Center

Sunday, Dec. 11
FOR THE BIRDS
Birds need extra help in the winter months. Join Garden educator Sue Watts to make simple feeders for your feathered friends. After we’ve constructed our feeders, we’ll take a walk in the garden to find and observe some of our winter resident birds. All materials provided.
Fee: $4 per person ($3 members & volunteers)
Time: 2 - 3:30 p.m.
Location: Hanson Nature Learning Center
Thank you for making generous donations between 5/20/2011 and 8/15/2011. New members 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**
**Patron Members ($1000)**
Iris Garden Club of Salem

**Maple Members ($250)**
Jacob & Jennifer Dean
Michael Gosnell
Grady Reed

**Camellia Members ($100)**
Richard & Pamela Ashley
Deana Baker
Hubert & Marge Bowick
Joseph Brazy
Richard & Elaine Bushey
Gary Clary
Michael & Sheryl DeCarlo
Robert & Karen Ellis, Jr.
Marv & Mary Etten
Friends of Lake Keowee Society
Pickens & Dian Gantt
Bob & Sara Gilliland
H. William & Gloria Hauser
Perrin Kreidler
Louise Mannion
Kimberly Masters
Michael & Pauline McCarthy
Ed & Sara Penn
Samuel & Annie Plowden
Paula Rauscher
Jerry & Beth Redmond
Lewis & Kathi Rich
Bart & Stephanie Schmidt
Stephen & Diane Singleton
Peter & Susan Trapp
Joe and Cathy Turner

**Holly Members ($50)**
Linda Alston & Edward Binic
Welch & Sara Bostick
Joe & Evelyn Boykin
Greg & Judy Buck
Haley Carpenter
Melissa Cash

**Hosta Members ($35)**
Jodie Allen
Barbara Armstrong
Kay Brown
Stephanie Brundage
Joyce Bussey
Catherine Carson
Barbara Chapman
Nancy Corontzes
Rebecca Drew
Susan Ercolini
Roy Fleming
Eileen Hamilton
Judy Hammer
Judith Hebert
Sharon Hoefi
Barbara Hoskins
Mary Jervey Kilby
Teresa Jones
Kay Jordan
Patricia Kelly
Mary Lanning
Sharon McMahan
Sue Milham
Heather Mitchell

**General Donations**
Melissa Bryant

**Gift Memberships**
Casey Cash
Elizabeth Halpin

**Memorial Donations in memory of John “Pat” Fulmer**
Beulah Baxter
Gloria Bridges
Harriet Clark Burt
The children of the late Nina & Reggie Berry (LaFoy, Pat, Lance, Bess, Stephen & Marcia)
Gene & Martha Copenhaver
Rowan & Jan Crews
Robert & Dorothy Edwards
Alice Evans
Greater Macon Chamber of Commerce
Evan & Marty Koplin
Jefferson Lewis
Roy & Margarette Ogle
Ray Bracken Nursery
Rotary Club of Downtown Macon Inc.

**SCBG Childrens Garden**
Teresa Jones

**Museum GEMS**
**Patron Members ($1000)**
Paul & Judy Benson

**Sapphire Members ($100)**
E. Jerry and Jean Greene

**Ruby Members ($60)**
John and Elaine Ishler

**Amethyst Members ($45)**
Barbara Fox
Joanne Padgett

**Donations to Specific Funds**
**Butterfly Garden**
Linda Alston-Binic
Ann Brown, in honor of Clemson Garden Club Board Members

**Class of ’39 Caboose Garden**
Jacqueline Arved

**Cruickshank Hosta Garden**
Jennifer Flynn

**Founders Garden**
Fran Mixon

**Presidents Garden**
Gary Barnes
Walter Bishop
Duke Dillon
Winston Fowler
James Hunter
Charles Jones
Robert & Esten Mason
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We apologize for any errors or omissions. Please call Christian Cicimurri at 864-656-4602 or e-mail cmcici@clemson.edu with corrections for gifts made in October and November 2010.
Gardening Green

Winter vegetables

Question:
How easy is it to grow vegetables in the winter? Do you need a greenhouse?

Answer:
Cool-season vegetables are remarkably easy to carry through the winter in the Upstate, with simple frost protection (no greenhouse required!)

Semi-hardy vegetables such as lettuce, mustard greens, spinach, Swiss chard, and collards can withstand repeated light frosts (30°-32°F); hardy vegetables such as cabbage, broccoli, kale, leeks, and turnips can survive temperatures down to 20°F. A unheated hoop house, cold frame, or row covers can provide enough of a buffer for these vegetables to survive much lower air temperatures as well.

Daylength is also a limiting factor in winter. In the Southeastern U.S., however, we’re fortunate to have almost 10 hours of winter daylight on the shortest day of the year. This is enough to support growth for many of our leafy cool-season greens, beyond simple ‘holding’ in harvestable condition.

We’ll be offering a winter vegetable gardening workshop in November, as well as using the Sprouting Wings greenhouse as an experimental demonstration site again this winter.