A Garden for Life

In keeping with our commitment to be a “Garden for Life” the SCBG horticultural staff continues to improve our planting practices and horticultural philosophy. As a Garden, we are committed to improving the ecology of our site, encouraging wildlife, and reducing the amount of resources (water, fossil fuels, chemicals and time) we expend on the landscape. One of our inspirations for this approach is the book *Planting in a Post-Wild World*, by Thomas Ranier and Claudia West. Their philosophy is based on understanding wild plant communities (not necessarily native), and, more specifically, how the plants within that community work together. Ranier and West contend that wild plant communities “are better adapted to their sites, more richly layered, and have a strong sense of harmony and place” when compared to our traditional garden landscapes. We are showcasing this approach in the beds in front of the rock restroom.

Traditionally, much garden design involves placing individual specimens, or groups of 3 or 5 plants into the landscape, surrounding them with mulch, and then tending to each plant’s specific needs. In contrast, Ranier and West’s first principle is to think of plants as “groups of compatible species that interact with each other and the site.” By taking this approach, the ecological traits of plants are emphasized over their ornamental qualities, which ultimately makes a landscape significantly easier to maintain.

Perhaps their most liberating principle, and the most useful for limiting the amount of resources we pour into our landscapes, is to view stress as an asset in plant growth. Rather than trying to make a site perfect by adding more water, organic matter, fertilizer, or light, they advocate embracing the conditions you have. As a result, plants that naturally thrive on the site will be stronger and more resilient.

Their third principle is to advocate for a living ground cover. Gardeners often spend much of their garden time battling weeds. Those islands of mulch surrounding horticultural specimens cry out to be filled with life, and the weeds (the best adapted plants to the site) oblige! In the wild, a living ground cover is critical to create a functional plant community. A green ground cover of diverse, low-growing, compatible perennials, well-adapted to the site, can replace that mulch.

In *Planting in a Post-Wild World* there are two additional principles, and lots of guidance on how to garden. We are excited to watch this garden area develop over time as we apply a distinctly southern approach to these concepts.

**Fall Plant Sales**

September 21
2 p.m. - 6 p.m.
**Friend’s Sale**
Bring a friend to become a friend!

September 22
9 a.m. - 1 p.m.
**Public Sale**

**Plant List: Rock Restroom**

<table>
<thead>
<tr>
<th>Plant Name</th>
<th>Quantity</th>
<th>Seasonal Interest</th>
</tr>
</thead>
<tbody>
<tr>
<td>Allium</td>
<td>100</td>
<td>Structural</td>
</tr>
<tr>
<td>Anemone x ‘Honoria Jorbar’</td>
<td>15</td>
<td>Seasonal Interest</td>
</tr>
<tr>
<td>Artemisia ludoviciana ‘Silver Cloud’</td>
<td>15</td>
<td>Seasonal Interest</td>
</tr>
<tr>
<td>Baptisia</td>
<td>30</td>
<td>Seasonal Interest</td>
</tr>
<tr>
<td>Bouteloua curtipendula</td>
<td>300</td>
<td>Ground Cover</td>
</tr>
<tr>
<td>Callirhoe involucrata</td>
<td>30</td>
<td>Ground Cover</td>
</tr>
<tr>
<td>Callistemon paludosus</td>
<td>1</td>
<td>Structural</td>
</tr>
<tr>
<td>Dichitetostoma congesta</td>
<td>100</td>
<td>Structural</td>
</tr>
<tr>
<td>Dyschoriste linearis</td>
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<td>Structural</td>
</tr>
<tr>
<td>Echinacea laevigata</td>
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<td>Structural</td>
</tr>
<tr>
<td>Eryngium ravenelli</td>
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<td>Structural</td>
</tr>
<tr>
<td>Liatris spicata</td>
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</tr>
<tr>
<td>Lycoris</td>
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<tr>
<td>Manadot grahamii</td>
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<td>Structural</td>
</tr>
<tr>
<td>Monarda fistulosa</td>
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</tr>
<tr>
<td>Nasella tenuissima</td>
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<td>Structural</td>
</tr>
<tr>
<td>Nerine</td>
<td>25</td>
<td>Seasonal Interest</td>
</tr>
<tr>
<td>Panicum virgatum ‘Shenandoah’</td>
<td>300</td>
<td>Ground Cover</td>
</tr>
<tr>
<td>Pseudopanax</td>
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<td>Structural</td>
</tr>
<tr>
<td>Pycnanthemum muticum</td>
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<td>Silene subtilata</td>
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<td>Siphamum connatum</td>
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<tr>
<td>Symphyotrichium georganum</td>
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<td>Structural</td>
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<tr>
<td>Symphyotrichium oblongifolium</td>
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<tr>
<td>Tecoma angustifolia ‘Hope’</td>
<td>300</td>
<td>Structural</td>
</tr>
<tr>
<td>Zephyranthes</td>
<td>60</td>
<td>Structural</td>
</tr>
</tbody>
</table>

In *Planting in a Post-Wild World* is available in our gift shop, together with other fascinating and topical gardening books. Don’t forget Friends members get 10% off of all gift shop purchases.
Director’s Note

I’m probably more pleased to see the green of spring than any other person I know! I live for this time of year. It is green, fragrant, colorful, and life has been resurrected from the gray of winter. It also is a great time to see just how connected and important the Garden is to so many. We are busiest at this time of year as everyone seems to chase away the winter with a trip to the Garden. Nothing touches my soul and motivates me and our other staff as much as seeing and hearing the laughter of the tens of thousands who visit.

During the spring, we planted the J. Dabney Peeples Jurassic Garden. By early summer, the thousands of ferns, spike-mosses, horsetails, cycads and ancient flowering plants will create a lush wonderland. Casts of dinosaur footprints, a lovely donated sculture of a raptor, and benches of dinosaur vertebrae, will delight our guests as they travel between the Bob Campbell Geology Museum and the Fran Hanson Visitor’s Center.

The long-abandoned woodland garden above the Duck Pond is being completely rehabilitated, and the Heirloom Vegetable Collection is also being resurrected. A new planting will greet the visitor between the President’s Plaza and the restrooms in the front of the SCBG as our collection and amenities continue to grow.

The Bob Campbell Geology Museum reopened! This is fantastic news. We sustained major damage to the building during the January cold snap due to frozen pipes and, though it has been an arduous task, we have fully-rebuilt and recovered and are open again for business as usual. If you have never visited, please plan to, and, if you haven’t visited in a while, there is much new to see. Remember, like the Garden itself, the Museum is free and open seven days a week.

Directing a botanical garden translates into being an ambassador, fundraiser, and spokesman. I have been very busy this winter and spring spreading the news of our accomplishments, our habitat management philosophy, and our future plans. This spring I have spoken to over 30 clubs, societies, associations, and other groups in Phoenix, Houston, Charlotte, and throughout South Carolina. In the same time-frame I led over 15 organized tours of the Garden. We had a lovely article about the SCBG published in April’s edition of Town magazine. I also led a fundraising trip for The Garden Club of South Carolina to Chan Chich, Belize, which has brought a major contribution towards the Birding Garden that is to be developed below the Visitor’s Center Complex. While in Belize, we encountered 175 species of birds in only five days. We saw many of the spring migrants that are now appearing back in our Garden, so many miles away from their winter home. I am constantly taking the message of your Garden, “A Garden for Life,” to the public, and doing what I can to grow our membership. Please join me in continuing to build our Friends of the Garden base that is so critical to achieving all of the growth and improvements that you see when you visit your Garden.

All the best,

Patrick

R. Upsidedown fern, Arachniodes standishi. L. Cat’s Claw Fern, Onychium japonicum “Sichuan Lace.” in the J. Dabney Peeples Jurassic Garden.
Spring has sprung! As I write this, the Garden is putting on an amazing show. Everywhere you look, something is blooming, and a lot is happening.

I would like to thank the Master Gardeners of the Foothills for contributing towards the new Hayden Conference Center floor, and the students who installed it. They did an excellent job after receiving a crash course in flooring! This is a much-needed improvement. However, we would like to have the walls sanded and repainted and new curtains installed. Anyone interested in helping with either funding, or physically helping with this, please contact Angel Perkins (perkin8@clemson.edu).

As I’m sure many of you have noticed, the large Osmanthus hedge along Perimeter Road has been drastically pruned. Bartlett Tree Co. did the pruning in preparation for new stoplights along Perimeter Rd. This impacted our sound barrier along the T.Senn Trail and the Gaelic Garden (currently under construction). We have installed secondary plantings of Osmanthus heterophyllus inside the current hedge to reinforce the sound buffer. The meadow in the Gaelic Garden is filling in nicely, and the stone wall ruin is a nice accent. It’s coming along, slowly but surely.

In the J. Dabney Peeples Jurassic Garden we are doing some intensive planting. The water feature is being tweaked, and new irrigation has been installed. Dinosaurs should be arriving soon! Special thanks to Dabney and his supporters for this innovative and exciting project. A new concept in perennial gardening is currently being installed in front of the rock restroom. This involves using existing soil, proven plants for the South, and very intensive close planting to eliminate weeds and create an almost meadow-like area. Keep an eye on it, we’re hoping it turns into a stunning display.

The Children’s Garden is being improved, and students have rebuilt the wooden edged beds in the Ethnobotany Garden with brick, and added gravel to the paths. The Susan K Barr Pollinator Garden in under construction. This garden will make a vast improvement to the entrance area in front of the Hanson Nature Learning Center, and will be an excellent teaching tool for the education department. A new magnolia-lined walkway will connect the Hanover House to the Hydrangea Garden. Behind the scenes, we are also relocating our enormous leaf mulch pile and rock and gravel bins to make way for Duke Power’s substation which will be behind our horticulture offices. All of these projects are going on at the same time as regular maintenance and spring planting which will start in a week from now. Challenging, but we got this!

Thanks to all the new volunteers for signing on to help, and to our faithful long-time volunteers. I can’t thank you enough for all your help and support. I would also like to thank the students who will be graduating this year for all of their help over the past few years. I wish you all the best in your future endeavors, and really appreciate your great attitudes and positive outlooks. It has been a pleasure working with you all. Thank you!

I would like to end with a moment of thought for Jeanne Briggs who passed away unexpectedly. She was a friend to so many and will be missed.

Come out, walk around, enjoy your Garden- there’s a lot to see! While you’re out visiting the Garden, be sure to look up John Bodiford and thank him for a thousand years of service- he’s retiring in June to go play, travel, hike and paddle. I know I’m gonna miss him a lot, a really big lot! His knowledge and experience have taught me so much. Thanks, John.

~ Kathy Bridges, Landscape Manager

In spring, the educators are also very busy. Our regular programs are augmented with many adult and school Garden tours. We could not succeed in delivering programs to 70 - 150 students at a time, or to multiple adult tour groups, without our dedicated volunteers. This spring we say goodbye to Darlene Roehl who has been one such solid, dependable and wonderful tour guide and Garden volunteer- thank you so much.

~ Sue Watts, Educator

First Friday Walks with David Bradshaw
October - March 9 a.m.
April - September 7 a.m.
Each one is a unique adventure! Meet at the Caboose Parking Area
Special Events

**Music in the Garden!**
*Tuesdays Tunes & Tastings ~ 7:00pm on the Lower Lawn*

- May 1st ~ Elissa Weber
- May 8th ~ Stephen Hardy
- May 15th ~ Tico @ Dawn
- May 22nd ~ Sorelle
- May 29th ~ Cameron Shaw

**Spring Concert Series ~ 7:00 in the Amphitheater**

- May 4th ~ Gypsy Sallies
- May 11th ~ New Time Travelers
- May 18th ~ TBA
- May 25th ~ Firefox Revival
- June 1st ~ Jim Morgan & Michael Goldston
- June 8th ~ Wild Pines

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**Thursday, June 21**

**Summer Solstice Family Supper Picnic**

Bring a picnic for your family, and enjoy the first day of summer under the trees at the beautiful outdoor amphitheater! Rebecca Smith, children’s songwriter and multi-instrumentalist, will play summer-themed interactive songs that your children will love. Percussion instruments will be available for the kids at the front of the stage if they wish to play and dance along!

*Location: Garden Amphitheater*
*Time: 6 p.m.*
*Fee: Free, donations welcomed*

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**The South Carolina Native Plant Certificate**

This program is based on South Carolina’s rich botanical heritage. Through hands-on field-based classes, students learn about native plants and their vast diversity, the plant communities and the habitats that define South Carolina from the mountains to the sea. Participants also learn about the significant benefits of native plants in ensuring biodiversity, and improving soil, water, and air quality, as well as discover the importance of sustainable and appropriate development, become aware of conservation issues facing native plants and plant communities, and become educated environmental stewards. Students also travel to other ecosystems in South Carolina through elective classes.

The first class in the certificate is Basic Botany. All students are required to take this, regardless of their background, experience or educational qualifications.

The next Basic Botany classes: September 8 & 22. Register online at https://www.clemson.edu/public/scbg/events/events-calendar.html
The Geological Record

Overcoming a Major Challenge

The new year did not start out as planned at the BCGM. On January 2nd, a frozen and burst sprinkler pipe in the Museum’s attic resulted in the collapse of the Benson Gallery ceiling. Hundreds of gallons of water, along with sheetrock and insulation, fell, crushing several exhibits and destroying museum signage and display cases (Figures 1 & 2). Our casts of the sail-backed lizard, *Dimetrodon*, and a skeletal cast of the pterosaur, *Dimorphodon*, were damaged beyond repair. Although several exhibits are still undergoing reconstruction and reorganization, the majority of permanent exhibits have been restored. Repairs were completed in late March and the Museum reopened to the public on March 31st.

Sincere thanks to all of you who have assisted the BCGM by making donations to help with the recovery efforts. Being closed for three months significantly impacted the Museum’s budget. If you would like to contribute to our recovery efforts please give online by going to: https://cualumni.clemson.edu/give/scbg and choosing “Geology Museum” from the drop-down menu. Thank you for your support.

Meet Our Exciting New Arrival

Check out our new metal sculpture just behind the Geology Museum. This raptor is the work of talented local artist, Duncan Burns, who owns Glassy Mountain Metal Art, located in Pickens, SC. Duncan generously donated this wonderful piece of art to the Museum.

Find a fascinating time lapse video of the creation process at https://www.facebook.com/glassymountainmetalart/videos/1869255069815726/!

www.GlassyMountainMetalArt.com

Second Annual Earth Day Festival

On Earth Day 2018 (Sunday April 22nd) the BCGM hosted its 2nd Annual Earth Day Celebration, featuring live music by Conservation Theory, The Wild Pines, and The Melody Garden. Food and drinks were provided by Palmetto’s Smokehouse and Oyster Bar. The CU Tiger Mascot visited! More than 20 local organizations attended with information and fun activities for visitors. Photos on the right are from the First Annual Earth Day Celebration.

PLEASE HELP SUPPORT YOUR GEOLOGY MUSEUM IN 2018

The BCGM needs your help to meet our growing need for funds to support our ambitious research, educational efforts and recovery from the damage that occurred in January. Contact us at bcgm@clemson.edu to discuss the projects we have planned and how you can contribute. Also see our Facebook page and our website (www.clemson.edu/geomuseum) for details regarding upcoming special exhibits and events.
Classes

Lunch and Learn: Great Garden Know-How
Tap into the extensive knowledge of Clemson’s Extension Service in this lunch and learn series. Bring a bag lunch and listen to learn from Clemson experts.

May 2
Vicky Bertagnolli Putting out the fire! Fire ant biology and management.

May 16
Patricia Scharko, Small Ruminants for the backyard.

June 6
LayLa Burgess and Adair Hoover Growing and using herbs.
Location: Hayden Conference Center
Time: noon - 1 p.m
Fee: $7 per session

Friday, May 18
Cyanotype Scarves
Harness the power of sunlight to create a beautiful, one-of-a-kind piece of wearable art with educators Allison Jones and Kendra Vincent! Each participant receives a silk scarf on which to create a unique pattern with interesting shapes from nature. Feel free to bring patterning objects from home as well.
Register at least 7 days in advance.
Location: Nature Learning Center
Time: 1 p.m. - 3 p.m.
Fee: $30

Friday, June 8
Red, White & Indigo; the dye that gave America the blues
You probably take the blue in your favorite jeans for granted now, but it was once prized by slave traders, spiritual leaders, and royalty alike. Enjoy learning about the history of indigo and create a set of 3 beautiful indigo-dyed tea towels, just in time for summer entertaining! Bring an apron and/or be sure to wear clothes that you can get messy in. Tickets to the program, or the finished towels themselves, make a great gift! Please register at least 5 days in advance.
Location: Nature Learning Center
Fee: $23 per person (10% member discount)
Time: 1 p.m. - 3 p.m.

Friday, May 11
Bathtub Botany
Children can create a special gift for Mom or enjoy this project together! We will learn about amazing ways people have used plants throughout history. Make your own soap, salve and more, using plant materials to add scent, color, and soothing properties.
Register at least 3 days in advance.
Location: Nature Learning Center
Fee: $10
Time: 3:30 p.m. - 5:30 p.m.

Date to be announced
Climate Change: Adaptation and Mitigation
Our climate is changing and scientific consensus is predicting dire consequences within 80 years, and possibly even less. The question is "What is the solution?" In this presentation, Retired Professor Walker Miller, family farmer at The Happy Berry advocates using natural processes to combat climate change. Walker has developed a climate mitigation and adaptation plan for The Happy Berry which begins with photosynthesis and includes changing our agricultural paradigm and practices. He is an increasingly vocal advocate for research-based, ecologically sensitive and sustainable solutions to climate change. Join him to learn about ways to change our response to climate change in this free, innovative talk.

Walker Miller, who is retired from the plant pathology and physiology department at Clemson University, was named Carolina Farm Stewardship Association Farmer of the Year in 2014.
Location: Hayden Conference Center
Fee: Free event
Time: TBA
Family & Children’s Programs

Use our ONLINE REGISTRATION SYSTEM at www.clemson.edu/scbg to register. Please preregister for all programs - call to check for last minute availability.

Full-Moon Hikes
Join naturalist James Wilkins and experience the sights, sounds and sensations of a full-moon night. Please wear shoes and clothing appropriate for walking in the woods. Flashlights are not needed. Register online or by email at least 1 day in advance - jhwilki@clemson.edu

Flower Moon - Sun., Apr. 29, 7:45 p.m. - 9:15 p.m.
Planting Moon - Tues., May 29, 8:30 p.m. - 10 p.m.
Location: Discovery Center/Museum Parking Lot
Fee: $7 family (up to 5)

Wednesday, June 13
Light up the Night
Join representatives of the Entomology program to light up the night to attract a diversity of nocturnal insects. We’ll hope to see marvelous moths, captivating caddisflies, beautiful beetles, and many other interesting insects.
Location: Geology Museum Parking Area
Time: TBA
Fee: Free, donations to the Education Program welcome

Saturday, June 16
Going Batty
Join Ray Long of the S.C. Bat Working Group to learn about South Carolina’s bats. Learn all about bats’ lives, behavior and challenges. Spend a relaxing evening spotting the bats in the Garden.
Location: Caboose Parking Area
Time: TBA
Fee: Free, donations to Education Program welcome

The code for the Friends program discount is now: FRIENDS2018.
Friends and volunteers receive a 10% discount on all programs.

Family & Children’s Programs

Saturday May 5
Insect Discovery
Discover more about the lifecycles and habits of bees, butterflies, beetles, and more! Hands-on activities introduce young and old alike to the fabulous world of insects with the Clemson Entomology Club
Location: Nature Center
Time: 10 a.m. - noon
Fee: Free, donations to the Education Program welcome

Saturday May 5
Appalachian Games & Toys
Play with our gee-gaw whimmydiddle, limberjack and graces. Use your imagination to make your own toys and games with materials provided.
Location: Hunt Cabin
Time: 1 p.m. - 4 p.m.
Fee: Free, donations to the Education Program welcome

Friday, August 17
Honeybee Hootenanny
Children will enjoy learning about the power of pollination and the importance of honeybees as pollinators. Allison Jones and Kendra Vincent will guide you on the honeybee’s quest for pollen, and nectar and you’ll get a chance to observe real honeybees in the garden and taste the sweet reward of their work!
Please register at least 3 days in advance.
Location: Nature Learning Center
Fee: $7 per person (10% member discount)
Time: 1 p.m. - 3 p.m.

Clemson Experimental Forest Tours
Join us each month as we explore a different area of the 17,500-acre Clemson Experimental Forest (CEF). These fun and informal walks will expose you to a diversity of natural and cultural resources in the CEF. Meet educator James Wilkins (and special guests!) at a pre-determined location and carpool or follow us on the trail. Register online or by email at least 2 days in advance. jhwilki@clemson.edu
Location: TBD
Fee: $7
Time: 9 a.m. - 11 a.m.
Homeschool Days
Join us on the last Wednesday of each month, for an exciting, hands-on learning experience! Themes change each month, and activities are designed for children ages five and up. However, all ages are welcome to attend. Register at least 2 days in advance.

April 25 – Plant Parts/Photosynthesis
May 30 – Plants and People
Location: Nature Learning Center
Time: 1 p.m. - 2:30 p.m.
Fee: $5

Fridays
Stroller Struts
We will begin with a story and then we'll set off on a Garden walk, exploring the day's theme. These free, monthly programs are ideal for preschoolers, but all ages are encouraged to join in the fun!

April 27 – Animal Babies
May 25 – Bird is the Word
Location: Meet at the Garden Amphitheater
Time: 10 a.m. - 11 a.m.
Fee: Free

4-H Junior Naturalist
Look for this program to resume in the fall.

Tuesdays, July 10, 17, 24, 31
“We are the music makers, and we are the dreamers of dreams.” - Arthur O'Shaughnessy. How about we make music AND dream! Multi-instrumentalist and songwriter, Rebecca Smith, will inspire you and your seedling or sprout to sing and dance to nature-themed music. Imaginations will soar as your child learns to sing in tune and move to rhythm. Classes are outside on pretty days! Each class ends with an instrument petting zoo!
Suggested Ages: Under 6 years (register a week in advance).
Time: 10 a.m. - 11 am or 5:30 p.m. - 6:30 p.m.
Fee: $8/child/class

Monday, June 25
Melody Garden Musical Fairy Tea Party
Let’s dress up, drink tea and lemonade, eat fancy cookies and sing songs about magical woodland sprites and dance like the fairies that may surround us in the Garden!!! Wings optional. Rebecca Smith, children’s musician, will have plenty of instruments to share! (Caregiver must be present).
Location” To be announced
Time: 10:30 a.m. - 11:30 a.m.
Fee: $8/child

Sunday, July 8
Sewing for the Gardener ~ a sew-along at the Garden!
We will make an adorable and comfortable garden harvest gathering apron with large pockets for harvest days! Beginner sewers welcome, bring your own machine. Rebecca Smith has taught sewing lessons for 12 years, and will guide you!
Limited to 6 registrants. Register by July 1st. Materials list will be emailed after registration. Ages: 12 and up
Location: Nature Learning Center
Time: 2 p.m. - 5 p.m.
Fee: $15
The Garden’s Gate • 9

**Summer Camps 2018**

### June 18 - 22

#### Mountains to Sea Camp

In this camp, children will explore the various ecosystems of South Carolina. Using the Natural Heritage Garden as our guide, we’ll take a journey from the mountains to the sea, and we'll discover the interesting plants, animals and people who have called these spaces home throughout our state’s history. Participants will enjoy daily hikes in the Garden, games and hands-on activities as well as visits to nearby historical sites. Take home projects will include hand-dyed shirts, pottery and more! Please register by June 4. Suggested Age: 6-12

*Location: Nature Learning Center*

*Time: 8 a.m. - 3 p.m.*  
*Fee: $190*

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### June 25-29

#### Garden Creativity Camp

In this camp creativity reigns! The Garden is our palette and provides our media - we will craft, paint and explore many dimensions of our creative spirit through garden-based activities. Learn about famous artists who were inspired by the natural world. Create unique art works and enjoy the Garden too!  

Suggested Age: 6-12  
*Location: Nature Learning Center*

*Time: 8 a.m. - noon*  
*Fee: $100*

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### July 16 - 20

#### Camp Ice Age

Chill out at this summer’s coolest camp! Get to know some of the giant animals that roamed the Earth during the last ice age and learn about glaciers, daily life in a tundra, Ice Age art and more! Campers will learn about different aspects of the Pleistocene each day through stories, games, art, experiments and nature hikes. We’ll also visit the Bob Campbell Geology Museum to take a look at real Ice Age fossils! Please register by July 2  

Suggested Age: 6-12  
*Location: Nature Learning Center*

*Time: 8 a.m. - noon*  
*Fee: $100*

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### July 23 - 27

#### Time Travelers Camp

Live the past! History comes alive in this week long camp. Join us at the Hunt Cabin to learn the survival skills needed in the 19th Century. Learn how to build a cabin, cook on an open hearth, track animals, make period clothes and more! In this camp, children will be immersed in South Carolina’s history and learn about the people and cultures that make up the diversity of our state. This camp is for children aged 6-12 years old.  

*Location: Nature Learning Center*

*Time: 8 a.m. - noon*  
*Fee: $100*
Meet the Garden’s Board Members

We wanted to introduce our eleven Garden Board Members to our Friends. In this issue, we introduce Bob DiBella, Donna Donnelly, Karin Purvis and Carol Savage.

**Bob DiBella**

Bob is a retired financial executive whose career included positions with Price Waterhouse, Westinghouse Electric, CBS Broadcasting and Adelphia Cable Company. Bob started as a volunteer at SCBG after meeting Patrick McMillan and becoming mesmerized by his passion and knowledge of plants and the Garden. Bob has been interested in gardening all his life. Each Spring, he can be seen with a SUV load of shrubs and flowers from the SCBG Plant Sale to incorporate into his ever-expanding home landscape plan.

His favorite Garden place is the Desert Garden.

**Donna Donnelly**

Donna grew up in Staten Island, N. Y. and moved to Elloree, in 2001 when her husband retired. She is the mother of three grown sons and Mimi to four grandchildren. She was a Registered Nurse for thirty-eight years, specializing and certified in Labor & Delivery and Neonatal Nursing. Upon her move south, she joined the local garden club and subsequently became the president of The Garden Club of South Carolina (GCSC).

"I love the part of the Garden that is slated to be the birding garden, near the Hackberry trees. It really is a haven for birds and one can find many peaceful moments there with nature at any time of the year!"

**Karin Purvis**

Born and raised in Germany, Karin came to the US in 1966 and landed in Greenville in 1970. She was educated in Germany and Switzerland, but her real education in horticulture came from her parents and her grandfather, all of whom were dedicated naturalists.

In 1975, Karin opened a business called The Houseplant. Over the next forty years, her shop grew and prospered. Her work has been published in several local and national publications.

Karin has served 2 terms on the board of Friends of the Reedy River and she is a member of Upstate Forever and the SCNPS.

**Carol Savage**

During her career as a financial executive, Carol held a variety of positions, including a fellow with the Financial Accounting Standards Board (FASB), Chief Accounting Officer of CBS, and leader of the team restating a company’s financial statements following a massive fraud. Nothing prepared her for the first time she heard Patrick talk about the Garden... such passion. She started volunteering at the Garden and soon became an expert in weed-pulling and other garden tasks.

"I love roaming the whole Garden from the camellia garden, through the hosta garden, along the heritage trail, through the desert garden and on and on! There is so much to see."
“When it comes to pruning trees, you learn how to do it the right way the second time you prune it.” This sage advice from Elden LeBrun, a research arborist at Bartlett Tree Research Laboratory in Charlotte, NC, was shared with the students in my Urban Tree Care class (HORT[FOR] 4270/6270) on April 5 in the Schoeneke Arboretum. Elden, equipped with 40 years of arboricultural experience, was accompanied by Brian Frierson, a Bartlett Tree Experts Arborist from Charlotte, and Dave Rife, SCBG Arboretum Manage, as they presented an outdoor pruning lecture and demonstration.

The three arborists reminded my students that pruning is supposed to improve the health, strength, and longevity of trees. With young trees, the goal is to create a strong structure of trunk and limbs to support future growth. The objective for pruning large mature trees (usually by professionals) is to remove weak limbs to channel the tree’s resources to the stronger, well-structured, remaining branches.

The pruning subjects were October Glory red maples and Yoshino cherries (planted in December 1996 as 2-inch caliper balled-and-burlapped trees). The experts identified and discussed codominant stems, branch collars, and C.O.D.I.T. (compartmentalization of decay in trees). I enjoyed LeBrun’s discussion of subordination pruning, where a codominant limb can be subordinated or reduced to allow the other competing limb to grow faster and assume dominance; in some cases, even become a central leader. As Elden said, “Pruning is not just about removing wood and creating brush piles. It’s about selectively removing certain branches to benefit the rest.”

Near the end of this outdoor lecture, students donned hard hats and eyewear and demonstrated their knowledge of the three basic cuts used to prune woody plants: reduction, removal, and heading cuts. As I made my rounds to each group of students, I watched how each instructor helped the students visualize the tree’s response to each particular cut. This higher level of understanding—knowing how a tree will react to a particular pruning cut—is best learned in the field with a hand or pole saw.

~ Dr. Bob Polomski
The Natural Heritage Garden is bursting with color and fragrance this time of year. Along the Cove Forest section of the trail, you will experience an array of wildflowers, ferns, and shrubs. The native azaleas are putting on quite a spectacular show and are just getting started. These deciduous shrubs are members of the genus Rhododendron and have bloom times ranging from early spring to summer. As in the wild, our native azaleas can be found in cool, shaded sections of the trail. South Carolina's acidic soil is exactly what these native beauties prefer, so unless a soil test indicates otherwise, do not add lime when planting native azaleas in your own landscape. Come experience the sights, sounds, and smells of the Natural Heritage Garden soon!

Plants for the 21st Century

- *Kalmia angustifolia*  
  Sheep laurel

- *Mertensia virginica*  
  Virginia bluebells

- *Zephyranthes atamasca*  
  Atamasco lily, Rain lily

- *Arisaema triphyllum*  
  Jack in the pulpit