As time marches on, you will witness the creation of the Ellipse, circled by a pathway similar to the main path from the Japanese Garden to the Necessary. The Ellipse is destined to be the Arboretum’s major events area. We are currently seeking private funding for this project in order to launch construction of this new area. And speaking of the Necessary, our volunteer construction crew just completed a face lift with all new exterior paint, plus a new roof. The Model Gardens are another future project area that the Master Plan committee continues to review. We have struggled with what the changes in the Model Garden area should be. The Master Plan committee, always looking for new ideas and younger thinking, invited horticulture landscape design students in one of Julie Sherk’s Department of Horticultural Science landscape design classes to develop and present their visions of the function, flow, space use, and plant collections for this region of the Arboretum. There were lots of good ideas and still much creative thinking is in progress. We are very much open to ideas that Friends of the Arboretum might have, and we are always appreciative of financial assistance for the Model Gardens development, as well other garden projects.

The Master Plan really is our road map for the future development of the Arboretum, but the time is now to appreciate and enjoy the approximately 5,500 taxa of plants and beautiful floriferous views. The JC Raulston Arboretum is your public garden and in reality, it is Raleigh’s garden! With over 1,400 FOA members, the JCRA has a strong base of support.

However, Wake County’s population is approaching one million people and many do not even know that the Arboretum exists. It’s time to solve our identity problem, so with the help of the JCRA Board of Advisors and the dedicated staff, we have set a strategic plan in place to help create and support excellent planning and planting for a better world.
maples for all seasons—evergreen acer at the jcra

by mark weathington, assistant director and curator of collections

the jc raulston arboretum evaluates a wide diversity of woody plants for suitability to the central piedmont region of north carolina and the broader southeastern united states. maples (acer) have been an important component of the collections at the jcra since its inception in the 1970s and currently there are about 265 maples in the collection. in recent years, evergreen and semi-evergreen species have gradually been accumulated through wild collections and from cultivated material. many of these acer are poorly understood and rarely grown even in botanic gardens, but may be suitable for wider use throughout the southeast.

the genus acer, formerly included in its own family, the aceraceae, is now widely placed in the sapindaceae family. the genus was first described in 1700 by french botanist joseph tournefort and the name derives from the proto-indo-european word meaning “sharp.” carl linnaeus officially assigned the genus in 1753 in his landmark species plantarum. acer is a widespread genus with members ranging from north america to europe and north africa and across to asia and indonesia where they cross to the southern hemisphere. there are approximately 125–150 species of acer; relatively few are evergreen or mostly evergreen. the majority of these evergreen forms are native to southeast asia and the himalayan region with a couple of outliers in the eastern mediterranean region.
Acer albo-purpureascens is an evergreen tree to 50′, endemic to the island of Taiwan. It is closely related to the similar A. oblongum and some taxonomists place both of these species in A. laevigatum. Botanists distinguish A. albo-purpureascens primarily by the indistinct basal nerves on the leaves. The foliage is leathery and glossy pale green above while the underside is glaucous white to purplish. Like many of the evergreen Asian maples, the foliage of this tree is entire and unlobed. Mature trees develop an upright oval habit and are quite beautiful. Fall can bring plum tones to the underside of the leaves, adding interest to the winter landscape. It ranges from low to medium altitudes throughout Taiwan. We have not been able to test this plant in the landscape yet, although one plant grown from seed obtained through the Taiwan Forestry Research Institute was planted in Asian Valley last year. In 2008, on our last day of collecting in Taiwan, we saw this plant growing above 5,000′ which corresponds roughly to zone 8b, although reports show it to grow another 1,600′ higher. No seeds were present, so we left that plant with just memories. Provenance may play a strong role in determining hardiness. Plants can be propagated by seed or by grafting on A. buergerianum.

Acer buergerianum var. ningpoense, the Ningpo trident maple, is a variety of trident maple that, although reliably deciduous in zone 7 and growing at the JCRA since 1994, may be evergreen in warmer areas if adequate moisture is supplied through summer and into fall. In the wild in east China (Ningpo, Zhejiang Province), it can attain heights of 60′, but typically forms a small to medium tree in the landscape. The JCRA specimen has grown to over 30′ in 13 years. Somewhat bluish tinged foliage varies from three lobes to none and is about 2″ long and wide. Although not evergreen at the JCRA, it may make a nice evergreen or semi-evergreen specimen in the Deep South with the old foliage dropping as the new leaves emerge. The bark peels attractively in thick sheets on mature trees. Propagation is from seed (although isolated specimens often form non-viable parthenocarpic fruit), grafting to A. buergerianum seedlings, or softwood to semi-hardwood cuttings taken from May to September. Overwintering rooted cuttings can be difficult and success may be best with cuttings from early in the season.

Acer buergerianum var. formosanum, the Formosan trident maple, another form of A. buergerianum, is endemic to Taiwan. High elevation forms have proven to be hardy into at least zone 8 where they are mostly evergreen. It is similar in other respects to the species with a powdery blue underside to the leaves. The JCRA’s plants have not yet been planted out to determine their suitability in zone 7.

Acer coriaceifolium (syn. A. cinnamomifolium), the leatherleaf maple, is a small tree that has been growing at the JCRA for nine years where it has grown into a 12′ tall tree in the Mixed Border. In the wild, it can grow to nearly 50′, but seems to want to grow as a shrub in cultivation, although a single leader can be trained if desired. The foliage is unlobed, dark to medium green above, and paler and tomentose below. It tends to break dormancy early in the spring, which can be a problem in areas subject to late frosts. New growth emerges pale green and is covered in sivery to coppery hairs, providing a striking contrast to the older dark green leaves. The evergreen foliage is sometimes damaged during cold spells, but plants in the Carolina Piedmont have grown remarkably well. Most, if not all, plants grown in the west are from a distribution by the Shanghai Botanic Garden in 1983 as A. cinnamomifolium. Further hardiness could come from germplasm collected at the highest elevations of its distribution in southwest China. Propagation is typically from seed, although cuttings can be rooted in late May through June.

Acer erythranthum, red-flowered maple, has only recently come into cultivation in the West. It appears to be very closely related to A. laevigatum and may at some point be placed in this group. This species is endemic to a small area of Vietnam near the Chinese border. Small, unlobed foliage emerges reddish in the spring before deepening to dark green. The early spring flowers are reddish against the evergreen foliage. The JCRA’s plant comes from a collection by Dan Hinkley (DJH 06147), who feels that it should prove to be hardy in central North Carolina. It has not been evaluated outdoors as of yet. Propagation is by seed.

Acer fabri, Faber’s maple, is perhaps the most readily available in the trade in the West. Narrow, lanceolate leaves emerge
Acer laevigatum, the smoothleaf maple, is a medium sized tree that grows to 50' in the wild. Young plants have serrate margins on lanceolate leaves, but become entire as the plants mature. New growth is bright red which contrasts nicely with the yellow early spring flowers. Young branches are olive green often with a purplish tinge. Summer fruits also emerge purple-maroon. This tree is found scattered throughout Southeast Asia. The JCRA has plants grown from seed collected at the Shanghai Botanic Garden in 2009, so we haven’t been able to assess its growth in the Arboretum yet. Other plants growing throughout the Southeast have performed well and a specimen at the Charles Keith Arboretum in Chapel Hill, North Carolina, is over 10' tall after being in the ground for 12 years. Propagate by seed or grafting on A. palmatum.

Acer laurinum is a rare tree that was grown at the JCRA from 1996 to 2000 as the synonymous A. decandrum. It died due to late season drought in 2000. It is mainly a subtropical evergreen tree growing to over 80' tall in the wild, although presumably it will be much smaller in cultivation. New growth emerges bright red-maroon. Hardiness for A. laurinum will depend heavily on the provenance of the germplasm. With a range from China and Cambodia to India, Malaysia, and Thailand, this is the only maple to cross the equator. The hardiest plants will come from the northernmost populations and, most importantly, from the highest elevations near 6,500’–8,500'. Propagation is by seed.

Acer oblongum, the flying moth maple, grows at medium altitudes to 6,500’ in mountainous regions of Nepal to central China. It forms an upright, oval-headed tree growing to 50’ in the wild, but will be much smaller in cultivation. It is typically described as evergreen, but is a variable species in the wild, ranging from fully evergreen to deciduous. In Frank Kingdon-Ward’s A Plant Hunter in Manipur, he describes the tree as deciduous, but not losing its foliage until the new leaves emerge, qualifying it as evergreen in my opinion. The foliage is often tri-lobed on young, vigorous plants, becoming oblong to ovate with maturity. The foliage is never serrate as in some other closely related evergreen maples. Leaves are leathery, sage green above and paler beneath. Fall color on deciduous plants can be brilliant red to nice yellow to almost nonexistent. The bark is smooth and attractive and there are reports that the bark can peel off in irregular plates, but this has not been the case for trees at the JCRA. The JCRA has several trees in cultivation from different sources. One tree grown from seed of a cultivated plant near Tokyo has been in the ground since 2006 and has grown to 5'. It is fully evergreen but has taken significant damage during most typical zone 7 winters with killed-back branches and damaged foliage. Two other seedlings from wild-collected Chinese seed received from the University of Nebraska and planted in 1996 and 1997 have grown to about 30’ each. One tree has proven to be completely deciduous with excellent autumn color. The other tree has leaves which are semi-persistent with excellent fall color every few years. While the evergreen forms may have potential for Deep South gardens, the tardily deciduous form is a tree worth consideration over a wider area and should be trialed in colder regions. Propagation is by seed, but there has been some success in preliminary cutting trials. Grafting on A. buergerianum may also be possible.

Acer paxii, or Pax’s maple, commemorates a German botanist and entomologist named Ferdinand Pax who worked on the taxonomy of maples in between his true passion for butterflies and related insects. This maple from Yunnan Province in China is very similar to the closely related A. buergerianum, with the main distinction being its evergreen foliage. It grows to 32’ in the wild. The foliage is glossy green and typically tri-lobed, but unlobed leaves also appear. The JCRA plant has not been in the collection long enough for an evaluation of its hardiness, although reports indicate small trees are very tender while larger specimens may withstand zone 7b winters. It makes a handsome small tree and can be propagated by seed or grafting on A. buergerianum.

While there is little chance that evergreen maples will supplant our beloved deciduous forms in temperate landscapes, these plants warrant further evaluation to determine their garden worthiness in central North Carolina and beyond. While some will undoubtedly prove to be too tender to become reliable garden plants north of Central Florida, others have the potential to become an important part of the southern landscape.
Wildflowers of the Colorado Rockies

By Tim Alderton, Research Technician

In July, I attended the North American Rock Garden Society’s Annual Meeting in Colorado. The meeting started on July 11, 2010, in Denver at the world-famous Denver Botanical Gardens and then moved to the small town of Salida, Colorado, for the following four days. Attendees came from all corners of the United States and Canada, along with speakers from as far away as the Netherlands, Czech Republic, and Kazakhstan. Aside from all the presentations and interesting plantspeople, the real highlights of the trip were on July 12–14, when we had time to experience the native flora at high elevations in central Colorado.

While traveling to Salida, a “pit stop” for lunch at the Kenosha Pass campground provided the first taste of what we would see the next two days. On exiting our small charter bus, glimpses of the state flower of Colorado, *Aquilegia coerulea*, growing among the filtering canopy of aspens, whetted the appetites of the attendees’ curiosity about the flora and distracted them from their lunches. After quickly engulfing my own lunch, I began scouring the campground and surrounding underbrush for wildflowers. It did not take much time to find them. Deep blue and plum-colored *Penstemon*, pale lavender *Erigeron*, both creamy yellow/white and fiery red *Castilleja*, and spikes of purple and white *Oxytropis* grew scattered under the open canopy and in small clearings. Fluffy, low-growing *Juniperus communis* insulated the bases of the cool white trunks of some of the aspens. In drier areas, thinly profiled *Pinus contorta var. latifolia* grew spaced among rocks, providing homes for scattered stalks of *Thermopsis montana* and squat clumps of the dwarf *Solidago simplex*. In the open, sprigs of *Allium ceruom* nodded their heads of pink blossoms above sparse blades of grass and bare ground. Various species of *Potentilla* grew as both shrubs with dark green leaves and herbaceous clumps with silver foliage. After only an hour or so, we continued on to Salida.

Leaving Kenosha Pass, the topography opened into South Park, an area of high elevation grassland and wetland surrounded by mountains covered in *Pinus aristata* and *Picea* species. As we approached Salida, the terrain and the vegetation both began to change again. Along the roadsides, a few cacti and some species of *Penstemon*, flowering *Yucca*, and *Cleome serrulata* grew among scrubby, round-topped pines and oaks, teasing us with what might be found in the surrounding desert. If only I had the opportunity to explore! On arriving in Salida, a plant sale and dinner greeted the attendees at the Steam Plant, the location of the conference for the next three evenings.

On the mornings of July 13 and 14, the attendees broke up into several groups for hikes at five different locations. Each attendee had the opportunity to hike at one location each day. I selected the two hardest ones to visit weeks before going to Colorado, not thinking about the altitude and the issues it can cause a lowlander from the east. Fortunately, aside from a dull headache, the altitude was not a problem.

My first day took me to Weston Pass between Leadville and Fairplay. The pass itself is at 11,900'; the hike took me to about 12,500'. Around the parking area, the abundance of flora could clearly be seen spreading out into an expansive alpine meadow. Just feet from the vans we rode in, *Taraxacum ceratophorum*, the cousin to everyone’s favorite lawn weed, dandelion, flowered alongside inflorescences of white-petaled, pale blue-stamened flowers of *Ipomopsis congesta* and the bright yellow blossoms of a clumping *Potentilla*. Nearby, 10” tall tuffs of *Oxytropis sericea* erupted with white spikes of small pea blossoms. *Mertensia oblongifolia* and *Polemonium viscosum* dotted the landscape with flowers of intense shades of blue that even outdid the pristine azure of the sky. Here and there, the sun-worshiping, oversized, 4”, golden, daisy inflorescences of *Tetraneuris grandiflora* stood atop 8” tall stout stalks covered in thin pinnatifid leaves. Short clumps of...
also allowed the equally small ing on shelter slopes. Open rocky areas carpets of snow white blossoms mimicking the patches of snowbanks still surviving on shelter slopes. Open rocky areas also allowed the equally small *Silene acaulis* var. *subacaulens* to flaunt its carpets of pink blossoms. In some areas, *Frasera speciosa* broke the relative flatness of the meadow with exclamation points of greenish flower stalks rising to 3’, a giant in a world of miniatures. The actual 1”, four-petaled blossoms nestled close to the stout stalk. Each pale creamy yellow/white petal was intricately splotched and dotted with burgundy. Further up on the path, 4” tall clumps of *Tetranurus acaulis* var. *caespitosa* held their ½” golden yellow inflorescences straight up as if to say, “Here I am! Don’t step on me.” Scattered among them, *Erigeron pinnatisectus* with pale lavender inflorescence and cut foliage stood out.

On closer inspection of the surrounding ground, more diminutive and carpet-forming species became visible on the scree-covered ground. Silver-green, spade-shaped leaves arranged in multiple rosettes held clusters of alien-looking, scaly, faded gray-burgundy, two-sided seed pods in sets of three to five. Later at higher elevations, I would see this in flower with bright yellow, four-petaled flowers and find it to be a cabbage cousin called *Physaria alpina*. In spots with a little bit of moisture, wind-trimmed *Salix* species hugged the ground. Close inspection revealed catkins flowering among the twigs and leaves.

Roses were not to be found on the alpine meadow, but several relatives managed to prosper. Species of the already mentioned *Potentilla* grew among the rocky soils at all elevations near Weston Pass. Irregularly spotted with 1⅛”, single, white to yellow-centered, rose-like blossoms, *Dryas octopetala* subsp. *hookeriana* formed patches of 2”–3” tall, scalloped-edged, dark green, silver-backed leaves. Laboring up higher in the thin air and wandering into an area with more soil and moisture brought another change in the flora. More grasses grew with a mixture of wildflowers. *Pedicularis parryi*, a hemiparasite, flowered with spikes of pastel yellow and off-white, twisted, mint-like flowers held above rosettes of ferny foliage. A few species of *Trifolium* made their homes in these open meadows as well. Much more attractive than the *Trifolium repens* that invades planting beds and lawns in the east, the alpine species have larger individual florets of burgundy (*T. parryi*), pink (*T. nanum*), or a bicolor of cream and pink (*T. daspyllum*). Two species of *Polygonum* also popped up among the grass as well.

Roaming back into the area of loose rocks and scree, I continued to encounter new species. A few species of *Draba* grew among the gravel and soil, often hugging the protection of larger stones. One, *Draba oligosperma*, formed tight clumps with short seed stalks. Higher up, I found it in full flower with deep yellow blossoms. The widely distributed *Cerastium arvense* grew among the rocks along with its Rocky Mountain cousin, *Arenaria fendleri*. Both provided their white *Dianthus* like blossoms. Continuing on, I came to the edge of a rocky, south-facing cliff. Along the edge, short patches of the endemic *Penstemon hallii* flamboyantly flowered with inflorescences of deep purple/blue.

Nearby, overlooking the cliff and a tardily melting snowbank, *Penstemon whippleanus* also thrust up their spectacular plum-colored blossoms. Spots of yellow from the ever-present *Potentilla* species and *Geum rossii* var. *turbanatum* contrasted with the blues and the purples of the *Penstemon*. The cliff led the way to the top where additional carpeting species grew on the lean soil. On a ledge just below the top, the almost acaulescent magenta flowers of the dwarf *Lewisia pygmaea* squeezed between the succulent thin leaves. A short distance away on another ledge, rose relatives *Ivesia gordonii*, with its ferny foliage and round clusters of yellow blossoms, and *Sibbaldia procumbens*, with Alchemilla-like foliage and small clusters of yellow flowers, grew protected from the wind.

Descending the summit and arriving back before the rest of the group, I took the time to explore a boggy spot below the parking area. A melting snowbank provided water to the bog and countless white blossoms of *Caltha leptosepala* mirrored the snowbank above. Pink spikes of *Pedicularis scopulorum*, along with the occasional white spike of *Pedicularis scopulorum f. album*, popped up among dwarf willows. Both the deep burgundy-flowered *Sedum integrifolium* subsp. *integrifolium* and pink-flowered *Sedum rhodanthum* grew along the edge of the bog. Nearby, ridged clumps of *Delphinium barbeyi* stood in bud, ready to open their intense blue blossoms in the coming weeks. On the saturated gravely slope between the bog and the retreating snowbank, glowing, bowl-shaped, yellow blossoms of *Ranunculus adoneus* dotted the open expanse. Others joined me in the area, and we spotted little gems like *Gentiana prostrata*, *Oreoxis alpina*, and *Noccaea montana*.

We loaded back into the vans and headed to Salida. Our van stopped a few times, allowing passengers to take pictures of clumps of *Zigadenus elegans* growing alongside *Anemone multifida* and *Ribes*. A few feet away, a moist wash was home to countless red *Castilleja miniata* in full flower, interspersed with deep blue *Delphinium barbeyi*.

Continuing down the mountain, we stopped at a large patch of some of the last of *Iris missouriensis* of the season, flowering in the margin of a beaver dam along the road. The flooded area provided homes to *Salix* species, while on higher ground *Potentilla fruticosa* and *Penstemon procerus* flowered in yellow and blue, respectively. On dry ground across the road, a young (maybe 100-year-old) *Pinus aristata* watched over the botanizing fanatics, wondering what all the commotion was about. We made one last stop at the Weston Pass Campground for a “pit stop” before continuing back to Salida. While everyone was using the rustic outhouses, I ran back up the road a quarter mile to capture pictures of a clump of *Penstemon caespitosus* growing on the bare bank beside the road. This species grows as a small shrublet covered in sky blue flowers with white throats. Nearby, the ubiquitous *Ipomopsis aggregata*, with scarlet to salmon blossoms, contrasted with the blue of the *Penstemon* and grey/brown of the surrounding rocks and ground.
July 14 took our group of vans to Mount Sherman, only five or six miles the way the raven flies from Weston Pass, but by terrain it seemed ten times that distance. Mount Sherman, considered the easiest of the fourteeners in Colorado, rises to 14,036’, but I only ventured to about 13,000’. Much higher than that, vegetation dwindled to almost nothing. We parked at an elevation of about 11,900’ and started the much steeper hike up the mountain. Old mine buildings and equipment provided added interest to the expanses of scree and alpine tundra that covered the ground. Along the rough road that led the way up the mountain, a stream of melt water lined with wildflowers greeted the visitors. Some species growing by the stream included Castilleja miniata, Silene acaulis var. subacaulescens, Sedum rhodanthum, and Potentilla fruticosa. Alongside these now familiar wildflowers grew magenta Primula parryi, yellow/green umbrellas of Angelica grayi, and drifts of blue Mertensia ciliata mingling with white Cardamine cordifolia. Spikes of little pink elephant-looking blossoms popped up from the ferny foliage of Pedicularis groenlandica that also inhabited the edges of the cold flowing water.

Starting the hike up the mountain, I encountered the diminutive legume Astragalus molybdenus, with its pale lavender pea flowers and feathery creeping foliage flowing over the gravel-covered ground along the path. Up on an exposed bank, a clump of intense blue Mertensia oblongifolia, only 6” tall, arched out from between a scattering of loose stones. A short distance away, the Colorado endemic Polemonium confertum, clothed in deep green, ferny foliage holding wide-open, indigo blue blossoms with yellow stamens, grew in an equally rocky situation. Continuing up the trail, many of the plants seen the day before also grew. Patches of Penstemon hali, mounded tufts of white-flowered Phlox condensata, and Erigeron pinnatisectus, just to name a few, were joined by the clumps of bottle brush-looking purple inflorescences of Phacelia sericea and gold daisy inflorescences of Packera and Senecio species. On slopes protected from wind, shrubby Salix shaded the rosettes of Saxifraga rhomboidea, which then thrust up their 15” stalks topped in clusters of creamy white, five-petaled flowers. In some exposed areas, the 2” tall Salix reticulata var. nana carpeted the ground and crevices between stones with their tufted clusters of heavily veined, rounded leaves and upright catkins. On another bank, Valeriana acutiloba formed clumps of glabrous, entire (no indentations) leaves, topped by expanding inflorescences of the palest pink buds opening to white flowers. Primula angustifolia, tiny, 1”–2” tall plants with disproportionately large, 1”, deep pink flowers with yellow centers, grew in exposed sites with bare soil and a few loose stones. Nearby, Lloydia serotina blew in the brisk wind despite its own small, 4” stature. The scapes holding one to two white, lily-like blossoms blew in the wind between their thin grass-like leaves.

The vegetation thinned as the elevation and exposure to wind increased. Following a 4’ wide path edged by a steep slope down on one side and up on the other and composed of the loose spoils of mining from 75–125 years ago, it was amazing to find Claytonia megarhiza with rosettes of thick succulent leaves prospering in the deep substrate of loose shreds. At about 12,800’, a few clumps of the rare Chionophila jamesii, with white, one-sided spikes of blossoms like their cousin the Penstemon, flourished in the intense light of the high elevation. A little higher in a patch of tundra, minute specimens of Eritrichium nanum var. elongatum looked like little tufts of intense blue sky that had fallen to the ground.

I stopped to eat my lunch beside the ruins of the Hill Top Mine at about 13,000’. Spectacular views rewarded me for trudging up the trail, but I had to start back down. Just behind the mine buildings on a plateau, a meadow covered in golden flowers of Geum rossii var. turbinatum, along with a scattering of Castilleja occidentalis, Potentilla, Claytonia megarhiza, Mertensia oblongifolia, and Polemonium confertum, provided my last pictures of the heights. The trek back down still brought new finds. Looking at the seemingly barren rocky spoils, I saw a quarter-sized Androsace septentrionalis camouflaged by its brown/green leaves and the glaring reflected light; it became visible because of the umbel of tiny porcelain flowers. The descent also brought glimpses of Draba crassa, Erysimum capitatum, and Besseya alpina. Breaking from the path, I ventured by a melt water pond and followed a stream where I met up with a group of our botanizing crew. The stream edge was home to large patches of Primula parryi and Anemone narcissiflora var. zephyra, mixing with Geum rossii var. turbinatum, and Sedum integrifolium subsp. integrifolium.

Before going back to the van for the ride back to Salida, I was able to explore below the parking area. There, a large stream provided a home to drifts of flowering Caltha leptosepala and more magenta Primula parryi. On a grassy bank just above the stream, a meadow provided a sampling of all the wildflowers that I had seen while in the mountains. Castilleja miniata were growing next to Castilleja occidentalis, and probable hybrids of the two grew beside Penstemon hali, Penstemon whippleanus, Potentilla, Fragaria virginiana subsp. glauca, Erigeron, Oreoxis alpina—and the list went on. A great way to finish up my first experience of the Colorado Rockies!

Weston Pass

Botanizing on Mount Sherman

Mount Sherman
Placing the Seeds for Development

By Anne M. Porter, Director of Development

Membership Makes a Difference

“Membership Makes a Difference” sounds like such a cliché, but there is no other way to say it. Your membership support really does make a difference!

Your support makes the difference between
• having a public garden in Raleigh that is free and open to the public every day of the year or not having this tranquil space that families, students, and garden enthusiasts can enjoy;
• having a research garden that supports one of North Carolina’s most valuable industries or not having this all-important research facility that is continually trialing and introducing new plants;
• creating new horticultural programs and classes, like the new Children’s Program that began in March or not having a facility or green space to offer any educational experiences!

Just think, the JC Raulston Arboretum touches the lives of people who might never have the money to visit a garden if they had to pay to visit. Who knows, one of the Arboretum’s workshops might turn someone on to plants who then discovers a life-long love of plants, who then makes horticulture a vocational choice, or who then even helps save our planet. The possibilities are endless!

As we celebrate the Arboretum’s 35th anniversary this year, we sincerely thank you, but we also want to challenge you. Since the JCRA’s 30th anniversary in 2006, there has been a slight drop in overall memberships. Yes, the economy has caused us all to reexamine our personal spending and giving priorities, but just think what would happen if every current member invited friends, colleagues, and family to visit and then encouraged them to join. Wow! Aren’t you tired of people saying, “I never knew the Arboretum was here”? We are, too, so please help us spread the word and tell the story of this remarkable garden. Your membership does make a huge difference, and we thank you for your continued support and advocacy of the JC Raulston Arboretum!

Members Corner

Featuring pictures, stories, and testimonials from JCRA members.

From Dick Pearson, JCRA Volunteer Tour Guide

Several years ago, Bob Lyons asked me to respond to a speaker request in his absence. Gathering and copying slides from Bryce Lane and from J. C. Raulston’s collection with the help of Chris Glenn, I developed a talk entitled “Plant Diversity in the Seasonal Landscape.” The 88 slides that I selected began with Prunus mume in January and ended with a Camellia japonica flowering in December.

Within the last year, I have spoken to two garden clubs, the North Harnett County Seniors, St. Bernadette’s Catholic Church Seniors, and Temple Beth Or Seniors. (I’m waiting to hear from a Hindu or Buddhist temple!) For fun, I raffle off four or five seedlings from my greenhouse. Apart from the enjoyment of social interaction, the real satisfaction is when I hear of new memberships and donations to the JCRA as a result of my speaking engagements and Arboretum tours.

From Kathy Rucker, Long-time JCRA Member from Winston-Salem, North Carolina

We know our neighbors wonder about us sometimes. One reason might be that in our modest yard, no two plants match. JCRA friends know that’s not unusual in an arboretum—but in somebody’s yard? Our love affair with the Arboretum dates back many years ago to the Christmas wreath-making workshop scheduled at the home of J. C. Raulston. I had two tickets but couldn’t cajole anyone else to drive to Raleigh with me to search out a private residence where we were going to spend the day arranging foliage. So my long-suffering husband, Tom, agreed reluctantly to go, after I promised him that he wouldn’t have to make any flower arrangements if he felt his masculinity was being violated. The day turned out to be a delightful mélange of learning about cryptomeria foliage and hollies like ‘Bonfire’, and we came away with holiday arrangements ready to pop on the mantle.

Four days later, we saw a notice in the newspaper that shocked us. J. C. Raulston had been killed in a car crash. We were devastated! We were looking forward to meeting him again after enjoying the workshop at his home, but we never got that chance. However, we did gain an enduring love for his plant collection and for his writings, especially the winter interest gardens which he promoted so vigorously.

So that’s how we got started getting up at 5:30 AM to make that Raleigh trek each year for the Annual Plant Distribution, which coincidentally often falls on my birthday. We’ve tried to corral friends into going with us, but I suspect they really don’t believe us when we tell them that more than 4,000 free plants are eagerly carted away by Friends of the Arboretum members in just five minutes. They just know that we are always out there planting a “few new things” in mid-October, and that our “new friends” have odd names like Osmanthus, Prunus mume, Poncirus trifoliata and Ilex cornuta ‘D’or’.

Tom and Kathy Rucker
Our passion for plants led us to become members of the JCRA and has provided a rewarding connection to the Arboretum's outstanding staff and volunteers. The unique plant collections are not only an inspiration for southeastern landscapes, but also an invaluable source of information and education for those seeking greater understanding of plant communities. Although we are not locals, we are grateful to be part of the JCRA plant community from afar and consider the JC Raulston Arboretum to be an invaluable resource always worth the road trip!

Members Making News

The JC Raulston Arboretum is extremely fortunate to have so many talented friends and donors. If you are a member making news or know of one, please let us know so that we can share it with our arboretum friends.

Tom Krenitsky has written a new book, and he has generously donated 100% of the proceeds to the JC Raulston Arboretum for any books sold at the Arboretum. The book's title is Planting for Posterity: Forty Years of Gardening in the Carolina Piedmont, and it is a must-read for anyone interested in gardening in our area. Even novice plant lovers will find this book informative and easy to understand. Friends will be delighted to read all of the references about J. C. Raulston and our acclaimed arboretum. This book will have friends wanting to scope out all of the plants that Tom so eloquently writes about. Well done, Tom, and thank you for your generosity toward the JCRA and for writing this very cool book!

Julia and Robert Mackintosh received the 2010 Neighborhood Recognition Awards from the Raleigh Citizens Advisory Council (Glenwood CAC) for maintaining the Margaret Reid Garden, noted for its native plant theme. This award recognizes individuals and organizations that have made significant contributions to neighborhoods across Raleigh. Congratulations, Julia and Robert for being among this year's 15 award-winners! Robert is one of the JCRA volunteers on the Master Plan committee, and he has given countless hours working on the many designs and projects that are making the JC Raulston Arboretum a more wonderful place! Thanks so very much, Robert!

Ted Bilderback, Ph.D., has a new award—the IPPS Sidney B. Meadows Award of Merit in recognition of his outstanding contributions to plant propagation, the nursery industry, and his dedication to the International Plant Propagator's Society, Southern Region. The Sidney B. Meadows Award of Merit is the highest award offered by the Southern Region. We’re so proud of you, Ted!

Gala in the Garden: Save-the-Date for the 2011 May Day Gala

The JC Raulston Arboretum is thrilled to present Susan Woodson as the 2011 honorary chair and Jere Stevens as the 2011 event chair. You will not want to miss the best garden party in Raleigh and see what this dynamic duo, along with their outstanding Gala committee, has in store for the 2011 Gala in the Garden. Remember to mark your calendars for Sunday, May 1, 2011, at 3:00 PM for great food, friends, and a fantastic silent auction—all in a fabulous garden setting! Visit our Web site for more Gala in the Garden details.

2011 Gala in the Garden Committee

Honorary Chair
Susan Woodson

Event Chair
Jere Stevens

Committee
Jill Adams
Jayme Bednarczyk
Jennifer Bernabi
Ted Bilderback
John Buettner
Kathy Deal
Judi Grainger
Larry Hancock
Margaret Hoffman
Patsy Hopfenberg
Beverly Hurley
Jerry Jackson
Cheryl Kears

Barbara Kennedy
Charlie Kidder
Judy Morgan-Davis
Anne Porter
Frank Powers
Sylvia Redwine
Kathy Myers Reece
Mark Weathington
Chris Cammaren-Wessel
Laura Willer
Jackie Wynne
Helen Yoest

Gala 1994, our first May Day Gala
Open Days—Growing Strong

By Jayme Bednarczyk, JCRA Member and Volunteer and Garden Conservancy Regional Representative

Collectively, the 2010 Garden Conservancy’s Open Days hosted over 80,000 visitors in private gardens across the country. How’d they do it?

For 15 years, volunteers expressed the desire to be part of the bigger picture in a coast-to-coast garden preservation initiative patterned after a British tradition to identify noteworthy private gardens. Next, they partnered with national sponsors: Garden Design magazine, Burpee Seeds, and Wall Street Journal as well as soliciting regional media support.

Taimi Anderson planted the seed in our region, organizing the event in 2001. Helen Yoest nurtured the event, partnered with the JC Raulston Arboretum, and networked the media tirelessly from 2005–2010. The Raleigh area Open Days Garden Tour has become a regional travel destination and continues to grow each year!

Each spring, the Garden Conservancy publishes the Open Days Directory, a guide listing the dates by state and by month, for those who like to travel and visit gardens. The guide also features the most prestigious public gardens.

Many visitors to the Raleigh area (even the local ones) visited the JC Raulston Arboretum for the first time through the Open Days Garden Tour. Many visitors plan weekend trips around the Open Days locations, delighting in meeting the garden hosts, gathering ideas, learning about new plants, staying at hotels and B&Bs, sampling the local cuisine, and bringing home a plant or two from local nurseries. We consider it “fun” fund raising!

Special thanks to the 2010 garden hosts: Jeanne and Tom Andrus; Katharine and Nick Davies; Jean and Lawrence Shuping; and Jere and Richard Stevens. We appreciate each of these families for sharing their beautiful gardens with our visitors.

The more than $5,000 raised during the 2010 Open Days Garden Tour helped support both the Garden Conservancy and the Arboretum.

The JCRA is pleased to once again partner with the Garden Conservancy Open Days Program in 2011. There are five private gardens (a first time for each garden) on this year’s tour—a petite city chic specimen garden, a tropical jewel box of exotics and sculpture, a charming English heirloom entertaining oasis, a romantic English cottage garden, and a sweeping French country landscape. Plan an outing with friends and save the date for September 17 and 18, 2011. For more information regarding the program and to see a complete schedule, please visit http://www.gardenconservancy.org.

Gift Planning: Change is a Constant

By Sonia Murphy, College of Agriculture and Life Sciences Director of Gift Planning

Change is a constant that we all face on a daily basis. My favorite store closes, my grocery store reorganizes its aisles sending me five times around the store for a jar of dried basil…. Policies change, our leadership changes, the financial system changes, even weather patterns change....

Throughout it all, our arboretum is a constant: a comforting place where its gardens continually appeal to our senses with colors, flowers, seeds, and majestic trees that become more intense as the seasons and years pass. It’s also a rare and liberating place where children can indulge in exploring all of their senses. What a joy!

Just as the plants of the Arboretum weather through the seasons and storms that come through, endowments provide everlasting gifts that weather through the financial storms of our economy to provide support for the Arboretum, students, faculty, staff, programs, and even plant collections.

A family recently shared a story with me about their holiday tradition. Tired of spending time and money shopping for each other, they agreed to give to a charity of their choice and make their gifts in each other’s names. Each year, a family member selects a favorite nonprofit, and all the family members would give to that charity. Then, when everyone is together over the holidays, they talk about the previous year’s gifts and their impact on the chosen program. Just imagine these inspiring and uplifting conversations!

As you plan for the distribution of your estate and the gifts that you will be making to your loved ones through your will or even creating a new endowment. A will bequest (making a gift to a qualified charity through your will) enables you to remain in control of your assets until your passing and it also reduces your Federal estate tax liability, should your estate be liable for Federal estate tax.

If you would like to see what others have done, please visit http://www.legacy.vg/ncsucals/giving/3.html where real donors talk about their planned gifts and what it means to them.

Please contact me at (919) 513-0637 or sonia_murphy@ncsu.edu if you have questions or need more information.

For more information on this or other giving opportunities, please contact Anne Porter at (919) 513-8326 or anne_porter@ncsu.edu or visit http://www.cals.ncsu.edu/advancement/.
A Year in Review

The JC Raulston Arboretum is pleased to present the 2010 Annual Report, recognizing our donors, members, and volunteers. We extend a sincere thank you to all the individuals and organizations that supported the JCRA in 2010. Your support makes possible the continued growth and development of our gardens, plant collections, and educational programs. Plants and gardening nurture the human spirit and enhance our quality of life. We are honored that you have chosen to support this special arboretum as it continues to fulfill its mission of excellence in research, teaching, and public outreach.

Membership Makes a Difference

Through annual membership gifts, these Friends of the Arboretum support: A community resource garden that is free and open to the public every day of the year; a research garden that supports one of North Carolina’s most valuable industries; and horticultural programs and classes that enrich the educational experiences for everyone. Sincere thanks to each and every member!
Gifts of Membership

These friends of the Arboretum gave the distinctive gift of membership to friends, colleagues, and loved ones. Thanks for giving the gift of a JCRA membership—a gift that keeps on giving all year!

Lloyd and Donna Allen  Scot and Cindy Chappell  David Griffin  LanArc
Shelle Altiere  Vivian Coxe and Robert Coxe  Robert and Pickett Guthrie  Charles and Wanda Leffler
Thomas and Jeanne Andrus  Kelly and Patsy Crump  W. R. and Margaret Helm  Betty Lewis
Bayer Advanced  Dan Cochrane  Christopher Horsttritt  Patrick and Patricia Mattingly
BB&T Insurance Services  Howard and Diane Everhart  Virginia Hester  Susan Myers
Jayme Bednarczyk and Philip Abbott  Falls Revival [Jeffrey Bottoms and John Martin]  Ray and Annie Hibbs  Richard Pearson and Joan Robertson
Bell Family Foundation  Alan and Martha Finkel  Paula and Phoebe Kirkman  Pender Nursery (Jim and Kathy Deal)
Claude and Mary Caldwell  Wayne Friedrich  Julia Kornegay and Alfredo Escobar  Wade and Kathy Reece
Irene Carranza  Garland C. Norris Co.  Ray and Annie Hibbs  Judy Morgan-Davis

Major Gifts to the Arboretum

These extraordinary Friends of the Arboretum made significant gifts in 2010 for the support of major development and the further expansion of the Master Plan initiative. Thank you for the foresight and vision to make the Master Plan a reality and the JC Raulston Arboretum a more vibrant garden experience!

Donald Moreland  Mike Stallings  Mitzi Hole

Endowments

An endowment is a lasting legacy. A special thanks to these donors for their foresight and generosity. Contributing to an endowment is a long-term investment that provides financial stability for the Arboretum year after year. For more information on how you can create an endowment to benefit the JC Raulston Arboretum, please contact Anne Porter at (919) 513-3826.

Harvey Bungardner Endowment
Lee Bungardner and Alisa Huffman

Endowment for Excellence
Berylwood Tree Farm  Malcolm and Patty Brown

Harvey Bungardner Endowment
Camellia Forest Nursery  Chris Cammaren-Wessel and Rich Wessel  J. Frank Schmidt Family Trust  Robert E. Lyons Internship Endowment
Lee Bungardner and Alisa Huffman  Jack and Micki Cox  Dan Cochrane  Tim Alderton
Endowment for Excellence  Dennis and Claire Drehmel  Jon and Rich Medin  Ted Bilderek
Berylwood Tree Farm  Paul and Janet Fantz  Bernadette Clark  Raymond and Annie Hibbs
Malcolm and Patty Brown  Peter and Vivian Finkelstein  Ray and Annie Hibbs  Johnny and Jacqueline Wynne

Internship Program

These special donors have invested in our students and in the future of the JCRA. Internships are a win-win opportunity for everyone. Thank you for contributing to this sound investment!

A.I.S.
Allen and Betty Adams  Lynn and Faye Eury  Richard and Adrienne Ferriss  Ida McCullers
W. J. and Linda Alphin  Peter and Vivian Finkelstein  Peggy Flowers  Ronald and Verna Medeiros
William and Lide Anderson  The Garden Conservancy’s Open Days Program  Fred and Jane Given  Harold Medlin, Sr.
Martha Ashby  Pat Graniger  Debbie Hammond and Ed Gaines  Denny and Rita Mercer
Edward and Corinna Bailey  Greenleaf Nursery Co., North Carolina Division  Cynthia Henshaw  William and Mina Miller
Joyce Beach  Debbie Hammond and Ed Gaines  David and Jean Millward  Nature’s Art by Susan Aldworth
Bell Family Foundation  Finger Lakes  John A. Hakes  Jeff and Amy Oakes
Bloomsbury Garden Club  South Fork  Carolyne Palmer  Carolyn Koonce
James and Rita Borden  County  William Palmer  Shelle Altieri
Mary Bost  Hills and Pines Garden Club  Franklin  Stephen and Irina Palumbo
Julia Bowers  Richard and Rebecca Hoggard  Patchwork Garden Club  Mike Stallings and Mitzi Hole
John and Janice Branch  Lawrence and Irene Holmes  Perkins, Lund, Collar & Associates
Brookhaven Night Garden Club  Debbie Hammond and Ed Gaines  Piedmont Chapter of the North American Rock Garden Society
Hadley and Cameron Callaway  Tim Alderton  Jack and Dixie Porter  William and Katie Toole
Jessie Cannon  The Herb Society of Wake County  John and Charlotte Presley  United Way of the Greater Triangle
Jewel Amos  Hills and Pines Garden Club  David and Jean Millward  Paul and Barbara Economy
Carolyn Palmer  Richard and Rebecca Hoggard  Nature’s Art by Susan Aldworth  William and Kathy Toole
Shirley Clark  Lawrence and Irene Holmes  Jeff and Amy Oakes  Savannah Tree Farm
Colony Woods Garden Club  Timothy Holckes  Carolyn Koonce  Joseph and Lydia Masterson
Commercial Carolina  Josh and Rae Hutchins  Shirley Jones  NeIl McLeod
Cooperation  Helen Jenkins  Shirley Jones  Ronald and Verna Medeiros
Grady and Elizabeth Cooper  William and Mary Joslin  William Palmer  Harold Medlin, Sr.
William and Sally Creech  Charles Kidder  Stephen and Irina Palumbo  Jack and Dixie Porter
Custis Nursery  Caroline Luckett  Bruce and Susan Lueck  John and Charlotte Presley
Bob Davis and Judy Morgan-Davis  Bruce and Susan Lueck  George and Ethel Pruden  Tom and Amira Ranney
J. Frank Schmidt Family Trust  Debbie Hammond and Ed Gaines  William and Mina Miller  Joseph and Lydia Masterson
LanArc  Debbie Hammond and Ed Gaines  William and Mina Miller  NeIl McLeod

Rebecca Pledger, Colleen McCarty, Heather Ridlon, Robert Nichols, and Kate Perry, the summer 2010 interns
Other Gifts to the Arboretum

Heartfelt thanks to these donors who gave special gifts to the Arboretum over and above membership.

Rosanna Adams  
Shelia Ahnbinden  
Linda Anderson  
Tom and Kathryn Anderson  
Robert and Evelyn Andrews  
Thomas and Jeanne Andrass  
Jackie Applegate  
Joseph and Sarah Archie  
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Frank and Lynda Brander  
Malcolm and Patty Brown  
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Tommy Bunn  
James Bustrack  
Claude and Mary Caldwell  
Lynn Canada  
Margie Castleberry  
Cheryl Kearns Landscape  
Elmira Choopani  
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Mary Jane Davis  
Gus and Mary Belle De Hertogh  
Ralph Dean and Nancy Doubrava  
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David and Catherine Duch  
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Alan and Elaine Erwin  
Ken Ensbshende and Betty Byrum  
David and Tracey Ewing  
Fair Products  
Nona Malcom  
Tift and Dabney Mann  
Sylvester and Martha Herlihy  
Jan and Sandra Hice  
Kay Hill  
Eric Anderhagen  
Charles and Anne Hines  
Lawrence and Ilenes Holness  
Richard and Judy Hoyt  
Brian Jackson  
JaGG Classic Wholesale  
Jim and Gloria Jahnke  
Jenicho Farms  
Lori Jones  
Sharon Jones  
William and Mary Joslyn  
Charles Keith and Msiki Fairchild  
Richard and Melanie Kelley  
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Tyco International  

Matching Gift Companies

Corporate matching gift programs are a great way to optimize individual gifts to the JCRA. We sincerely appreciate the generosity of the corporations that sponsor these programs and the donors who make the initial gift to benefit the Arboretum.
Thanks to these friends who honored and paid tribute to special people through their gifts to the JCRA.

**Gifts in Memory**

Heartfelt thanks to these friends who donated memorial gifts in fond remembrance of their loved ones and friends.

**In Memory of Tim Alderton**
Starmount Garden Club

**In Memory of Anita Bess**
Responsible Industry for a Sound Environment (RISE)

**In Memory of Tom J. and Marie L. Bumgarner**
Lee Bumgarner and Alisa Huffman

**In Memory of CALS Advancement Colleagues**
Chris Caninmarene-Wessel and Rich Wessel

**In Memory of Anne Clapp**
Virginia Hester
MacGregor Downs Garden Club

**In Memory of Barbara Fair, Ph.D.**
Pt Alpha Xi, NC State University

**In Memory of Chris Glenn**
Noel Griffin

**In Memory of Holly and Michael Gloden**
Karyn Gloden

**In Memory of Carolyn and Donald Hoss**
Daryl Walker

**In Memory of Nina and Jerry Jackson**
Joseph and Sarah Archie
Elizabeth Parker

**In Memory of Charlie Kiddor**
Down to Earth Garden Club

**In Memory of Amelia Lane**
Jack and Dixie Porter

**In Memory of Chris and Carol Leach**
Sarah Leach

**In Memory of Jerry and Barbara Michael**
David and Beatrice Sanford

**In Memory of Monica Growers**
Halls Plants & Produce

**In Memory of Marge O’Keeffe**
Margie Castleberry

**In Memory of Anne Porter**
Bobby Wilder

**In Memory of Anne Porter and Judy Morgan-Davis**
William and Mary Joslin

**In Memory of Kay Shiflett**
Joseph and Lydia Masterson

**In Memory of Lawrence and Jean Shuping and Brandon Duncan**
MacGregor Downs Garden Club

**In Memory of Mark Weathington and Tim Alderton**
Richard and Amelia Lane

**In Memory of Bobby Wilder**
Bob Davis and Judy Morgan-Davis

**In Memory of "Ollie" Adams**
Allen and Betty Adams
W. J. and Linda Alphin
William and Lide Anderson
W. J. and Linda Alphin

**In Memory of L. W. Allen**
Lloyd and Donna Allen

**In Memory of Kim Archer**
David and Sandra Bailey
Mary Boss
Albert Cooke
Eleanor Hawkins
Josh and Rae Hutchins
Bradley and Deanna King
Kevin and Ellen Powell
Robert Rogers
Elane Tarkenton
Sarah Vogler
James and Beverly Wiggins

**In Memory of Ronald L. Bradow, Ph.D.**
Vandy Bradow

**In Memory of Linda Bunn**
Pat Grainger
Larry and Laura Wooten

**In Memory of Virginia “Ginger” Clark**
Shirley Clark
Peggy Flowers
Timothy Folscher
Daniel Jenkins
Helen Jenkins

**In Memory of Betsy C. Daniels**
Amanda Lynch

**In Memory of Eunice Deerhake**
Brookhaven Night Garden Club

**In Memory of Donald Fair**
Pt Alpha Xi, NC State University

**In Memory of Maggie and Harley Goddin**
Goddin Landscape & Maintenance

**In Memory of Leo Gore**
Jenny Gore

**In Memory of Louise Jones**
Paullette van de Zande

**In Memory of Steven Douglas Kotter**
Mary Russell

**In Memory of Norma Lewis**
A.I.S.

**In Memory of Benjamin H. Long**
Cynthia Long

**In Memory of Lib and Willie York**
Donnie and Phyllis Brookshire

**In Memory of Hany Younes and Nancy and Ed Phillips**
Stewart Engineering

**In Memory of Aat Zevenhuizen**
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John and Janace Branch
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George and Lynn Edwards
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Harold Medlin, Sr.
William and Mina Miller
Steve and Karen Moore
Carolyn Palmer
William Palmer
Perkins, Lund, Collar & Associates
George and Ethel Pruden
Pulpar Park Golden Years Club
Taylor’s Nursery
Louis and Lytle Wooten

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**JC Raulston Arboretum 35th Anniversary Symposium**

_Horticultural Madness_  
September 23 and 24, 2011 (Friday and Saturday)

**Speakers**

Tony Avent, Plant Delights Nursery at Juniper Level Botanic Gardens

Jim Dodson, Beautiful Madness author and Pine Straw editor

Janet Draper, Horticulturist, Mary Livingston Ripley Garden, Smithsonian Institution

Hayes Jackson, Alabama Cooperative Extension Service

Panayoti Kelaidis, Director of Outreach, Denver Botanic Gardens

Larry Mellichamp, Director, University of North Carolina Charlotte Botanical Gardens

Bleddyn Wynn-Jones, Crug Farms

Registration: Early registration (ends August 31, 2011): $150.00 for members and $170.00 for nonmembers. Late registration (begins September 1, 2011): $170.00 for members and $190.00 for nonmembers. Please call Chris Glenn at (919) 513-7005 for more information or to register.
Gift-in-kind Donors

Support through in-kind gifts is vital to the success of our events, especially the Gala in the Garden and the JCRA Plant Sale. They also provide services and plant materials that keep the Arboretum beautiful for everyone.

Botanical Gifts
Adcock’s Nursery
Tam Alderton
Architectural Trees
Arnold Arboretum
Atlanta Botanical Garden
James and Faye Ballington
Lee Barnes
Bartlett Tree Research
Landscape Nursery
Belleview Botanical Garden
Big Bloomers Flower Farm
Brent & Becky’s Bulbs
Burg’s Nursery
Broken Arrow Nursery
Buchholz & Buchholz Nursery
Buds & Blooms Nursery
Camellia Forest Nursery
Campbell Road Nursery
Carl S. English, Jr., Botanical Garden
Carlton Native Nursery
Carolina Nurseries
Cheryl Kearns Landscaping
Custis Nursery
Cuban Virbunums
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Hefner’s Nursery
Highland Creek Nursery
Dex Hinkle and Robert Jones
Hoffman Nursery
The Holden Arboretum
Hoyt Arboretum
Iseli Nursery
The Ivy Farm
Jericho Farms
Charles Keith and Muki Fairchild
Klehm’s Song Sparrow Farm
and Nursery
Thomas Krentisky
Richard and Amelia Lane
Dennis Ledvina
Loch Laurel Nursery
Maymont Foundation
Monrovia Nursery of North Carolina
Montgomery Botanic Center
Mountain Horticultural Crops Research and Extension Center, NC State University
Nelson Nursery
Nichols Nursery
Norfolk Botanical Gardens Society
North American Rock Garden Society
North Creek Nurseries
Nurseries Caroliniana
Oakmont Nursery
Oregon State University
Orto Botanico di Napoli
Panoramic Farm
Panther Creek Nursery
Paul J. Currier Botanical Garden
Pender Nursery (Jim and Kathy Deal)
Pi Alpha X, NC State University
Piedmont Carolina Nursery
Piedmont Chapter of the North American Rock Garden Society
Plant Delights Nursery
Rhododendron Species Foundation
Saw’s JP Duke Gardens
Saunders Brothers Nursery and Orchard
Shangai Maple Horticulture Co.
Sims Farms
Spartanburg Community College
Spring Meadow Nursery
Terra Nova Nurseries
Valerie Tyson and Richard Ehrhardt
U.S. National Arboretum
The Unique Plant
Walter’s Gardens
Washington Park Arboretum
Mark and Mary Weathington
Weeds-Medina Nursery
Weston Farms
Ralph and Cheryl Whisnant
Bobby Wilder
Willkerson Mill Gardens
Willkord’s Nursery
Barry Yinger

Non-botanical Gifts
A & J Designs
Jill Adams
Tim Alderton
Dwen Andrews-Cita and Felix Caraballo
Thomas and Jeanne Andrus
Angus Barn
Atlantic Mulch & Erosion Control
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Denny and Rita Mercer
David and Jean Millward
John Murawski
My Girlfriend’s Closet
Namestake

Silver
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Hawkshide Farms
Hoffman Nursery
Nina and Jerry Jackson
Taylor’s Nursery
Bobby Wilder
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Samson Nursery
Anthea and Russell Tate
Kathleen and Walt Thompson
Wakefield Nursery & Landscaping
Bobby Ward and Roy Dicks
George and Dennis Werner
Lauren Miller and David Hufstedler
Wytt-Quares Seed Company
Jackie and Hunny Wynne
Rosemary and Smedes York

2010 Gala in the Garden Sponsors

The Gala in the Garden is the Arboretum’s signature fund-raising event held each year on the first Sunday in May. Thank you, 2010 Gala in the Garden Sponsors, for making this event a huge success.

Diamond
North Carolina Nursery & Landscape Association

Platinum
Bayer Advanced
Pender Nursery (Kathy and Jim Deal)

Gold
A. E. Finley Foundation
North Carolina Farm Bureau Federation

Silver
Anonymous
BB&T Insurance
Bell Family Foundation
Linda and Ted Bilderback
Bland Landscaping
The Brickman Group

Debbie Hamrick and Ed Gaines
Hawkshide Farms
Hoffman Nursery
Nina and Jerry Jackson
Taylor’s Nursery
Bobby Wilder
Worthington Farms

Anne Porter
Redwine’s Plantscaping
Kathy and Wade Reece
Responsible Industry for a Sound Environment (RISE)
Samson Nursery
Anthea and Russell Tate
Kathleen and Walt Thompson
Wakefield Nursery & Landscaping
Bobby Ward and Roy Dicks
George and Dennis Werner
Lauren Miller and David Hufstedler
Wytt-Quares Seed Company
Jackie and Hunny Wynne
Rosemary and Smedes York

Nativa Boutique
Natural Impressions Landscape Service
Nature’s Art by Susan Aldworth
Niche Gardens
Billy and Gail O’Neil
The Peanut Rooster
Richard Pearson and Joan Robertson
Pennington Seed Co.
Phenolics
Pinkham’s Horticultural Services
John and Charlotte Presley
Hugh Proctor
Redwine’s Plantscaping & Special Events (Sylvia Redwine)
Wade and Kathy Reece
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Antara Fold
Triangle Gardener (Beverly Hurley)
Valerie Tyson and Richard Elshardt
Vrb Photography
Bobbi Ward and Roy Dicks
Mark and Mary Weathington
Bee Weddington
David White and Janine LeBlanc
Jere’s Landscaping
The Brickman Group

Denny and Rita Mercer
Linda Larkins
Lasting Impressions
Legacy Lighting
Betsy Lindemuth
Cynthia Long
Long Hill Bed and Breakfast
Lucky 32 (Cary)
McCraeke Nursery
Diane McDaniel
Ronald and Verna Medeiros
Denny and Rita Mercer
David and Jean Millward
John Murawski
My Girlfriend’s Closet
Namestake
17
Benefit Providers

Sincere thanks to these generous businesses and organizations that help strengthen the JCRA membership program by offering special discounts and benefits to all current members of the JC Raulston Arboretum. (Please visit the JCRA Web site for more details about these membership benefits.)

Atlantic Avenue Orchid & Garden Center
Better Tree Care Associates
Campbell Road Nursery
Fairview Greenhouses and Garden Center
Garden Supply Co.
Gardening With Confidence
Homewood Nursery & Garden Center
Indigo Marsh Nursery
Lasting Impressions
Lendonwood Gardens
Long Hill Bed and Breakfast
Lynn van Dokkum Photography
Mountain View Nursery
Neomonde Deli
Norwood Road Garden
Oakmont Nursery
Outdoor Images
Ragazzi’s of Cary
Sarah P. Duke Gardens
WaterWise Garden Design

Volunteers

The gift of service is invaluable to the Arboretum, and we are very appreciative of the many hours our volunteers devote to the Arboretum. Our volunteers share their many talents and their time to make the Arboretum a wonderful place for all to enjoy. We couldn’t do it without them. Thanks to all of them.

Volunteer Hours – January–December 2010

Our volunteers gave nearly 8,000 hours of their time in 2010. Their efforts have made the Arboretum a showplace in the community.

200+ Hours
Mary Edith Alexander
Jayme Bednarczyk and Philip Abbott
Annie Hibbs
Beth Jimenez
James Schlitt
Bobby Wilder

100+ Hours
Annie Hibbs
Beth Jimenez
James Schlitt
Bobby Wilder

100+ Hours
Angelia Beasley
Jennifer Cowan
Dennis Drehmel
David and Catherine Duch
Suzanne Edney
Jeffrey Evans
Michael Ferrell
Vivian Finkelstein
Wayne Frederick
Linda and Jerome Glenn
Marilyn Golightly
Charles Kidder
Judy Ryan
John Schlitt
Lilly Kuprija
Nancy Simonsen
Ann Swallow
Laura Turas
Betsy Viall
Dew Welker
Ralph Wissman
Charlisa Welch
David White

Other Contributions of Hours
Elaine Pace
Mike Pittman
Charlotte Presley
Martha Ramirez
Alexandra Reid
Judy Ryan
John Schlitt
Nancy Simonsen
Ann Swallow
Laura Turas
Betsy Viall
Dew Welker
Ralph Wissman
Dena White

200+ Hours
Elaine Pace
Mike Pittman
Charlotte Presley
Martha Ramirez
Alexandra Reid
Judy Ryan
John Schlitt
Nancy Simonsen
Ann Swallow
Laura Turas
Betsy Viall
Dew Welker
Ralph Wissman
Dena White

200+ Hours
Cindy Levey
Paula Lumb
Megan Lyons
Robert Mackintosh
Alison Martin
Mary McCormick
Alberta McKay
Thearon and Vanette McKinney
Verna Medeiros
Guy Meieul
Phil Meieul
Rita Mercer
Martha Milliechip
Frank Moore
Sabine Morrison
John Muravski
Irina Palumbo
Richard Pearson and Joan Robertson
Lara Rose Philbrook
Catherine Poff
Katherine Raj
Kathie Rauch
Cynthia Rayno
John Ross
Gerardo Serrano
Mary Lou Shanklin
Stanley Shieh
Sally Day Siggins
Carolyn Sinzenich
Ellen Stodzits
Jay Stolz
Tina Stricklen
John Suddath

40+ Hours
Rosanna Adams
Jeanne Andrus
Harriet Bellereau
Judy Bradyhouse
Mark Bruno
Tom Bumgarner
Lynn Canada
Anne Clapp
Laurie Cochran
Sherman Criner
Colin Daniels
C. J. Dykes
Christopher Glenn
Susan Grayson
Elizabeth Guzynski
Lawrence and Ilene Holmes
Margaret Jordan
Cheryl Kearns
Melanie Kelley
Sheila Kellogg
Patricia Korpik
Rudolf and Frederike Machilek
Sarah Marano
Diane McDaniel
Bob Davis and Judy Morgan-Davis
Laddie Munger
Sharon Munger

40+ Hours
Bob Davis and Judy Morgan-Davis
Laddie Munger
Sharon Munger

Ellen Sullivan
Christine Thomson
Anita Todd
Padma Tummala
Joanne Vandermaat
Victoria Vass
Kevin Wang
Dennis Werner
Erica Winston
Laura Wright
Qian Wu
Tamar Yamaykin
Chau-ni Yeung
Helen Yoest
Sandie Zazzara
JCRA Volunteer Construction Crew Gets the Job Done

By Beth Jimenez, JCRA Volunteer

A new volunteer group kicked off in January of 2010 and spent the last year helping put in place some of the design elements and changes envisioned by the Master Plan committee.

The newly formed JCRA volunteer construction crew came about as a remedy to that old dilemma of “too much work and not enough staff,” which often got in the way of moving forward with some of the plans the Master Plan committee envisioned. When the committee discussed possible changes, we knew the only things standing in the way of what we wanted done and what was feasible were money and the people to do the work. With Ted, Mark, and Tim committed to making the Arboretum work on a daily basis, we needed another way to get the non-plant related tasks done. Volunteers with strong backs, nimble fingers, a bit of good vision, and good tools could do it.

We began on a bitter cold morning in January 2010 by removing the raised walkway through the Japanese Garden in preparation for the garden’s renovation. At the same time, we built a temporary wall between the Japanese Garden and the Lath House. Next came raising the existing walls in the Japanese Garden’s front entrance, adding new roof caps, and adding a roof and cap over the new entrance cut into the wall between the Asian Valley and the Japanese Garden. We took a side trip to Knightdale to cut bamboo for some of the detail work and replaced the decorative runs of bamboo across the roof top. We worked hard and got the Japanese Garden looking great for its big debut at the Gala in May.

The team removed the structures in the Townhouse Garden and tore down the old Lath House, which had been one heavy snowfall away from coming down by itself. This project was challenging in that it was sometimes tough to avoid flying debris, but it was a lot of fun and brought out a gang of volunteers all full of anticipation of how beautiful the new Lath House was going to be. It indeed is a beautiful structure.

In mid-summer, we began a series of repairs to the Necessary. We cleaned out the storage area on the back of the building and painted the walls. The roof has been repaired, power washed, and stained. A man from Sanford with years of experience working with cedar shingles did the repair work since the height and shape of the roof told us it was a job for a professional.

A long list of upcoming projects awaits us this year. The gazebo in the Klein-Pringle White Garden needs repairs and a new coat of paint, as do benches and birdhouses on the Arboretum grounds. We need to build a new arbor for wedding photograph opportunities and add sides and a place for tool storage to the new Lath House.

The members of the construction crew range from the very skilled to the handy and willing to learn. We haven’t run across a job yet that we aren’t willing to tackle. This past year was a good one, full of challenging work and rewarding results.

Japanese Garden renovation

Volunteer News

By Barbara Kennedy, Volunteer Coordinator

We are so lucky to have such dependable and loyal volunteers. They do so much to make the Arboretum look beautiful. As a result of their suggestions, we have added several new jobs for volunteers. The construction crew works on projects that need to be fixed or renovated, like the Lath House. We now have a group of volunteer photographers who take pictures at our events. The volunteer event planners work on developing new activities, such as trips and open gardens. And we have seed collecting volunteers who go through the gardens collecting seeds to be shared by other botanical gardens around the country. We are thrilled to have the help from these new groups.

New Volunteers

We are happy to welcome 15 new volunteers. They have been very active and contributed in many different areas.

Guy Broome, Evening and Weekend Gardener
Sydney Bunting, Gardener
Jennie Cowan, Children’s Program
Ellen Darst, Gardener
Sonya Fox, Visitor Center
Liza Gettles, Flower Arranging
Burhanvddin Kadibhai, Gardener
Michelle Kern, Gardener
Megan Lyons, Gardener
Sharon Munger, Special Projects
Irina Palumbo, Gardener and Photographer
Katherine Raj, Gardener
Tamara Sanderford, Gardener
Ellen Sullivan, Special Projects
Denny Werner, Tour Guide
Your membership expiration date and the password needed to access the Members Only section on the Arboretum’s Web site is printed above, along with your address. Type the password in all lower case letters.

Volunteers at Work

The Annual Color Trials are one of our biggest attractions. Irina Palumbo takes a closer look at all the flowering annuals.

Mulching the beds is an ongoing project. Trish MacPherson, Bernadette Clark, and Melanie Kelley have just finished mulching the Annual Color Trials.

Our Volunteer Appreciation Dinner in May was so much fun. Joan Robertson, Dick Pearson, Charlie Kidder, Mark Weathington, Liz Guzynski, and Linda Larkins are just a few of the volunteers and staff who enjoyed a great evening.

In order to ready plants for the Annual Plant Distribution, pots have to be weeded and labeled. Dave White helps us every year with getting the pots ready.

Preparation for the Annual Plant Distribution takes several days to set up the plants. Pat Korpik, Amelia Lane, and Laurie Cochran take a break on a very rainy day.

Children’s Program volunteers Liz Bridges, Rebecca Pledger, Brigitte Crawford, Irene Palmer, Katie Pound, and Maureen Donini (l–r) play along during a February training session.