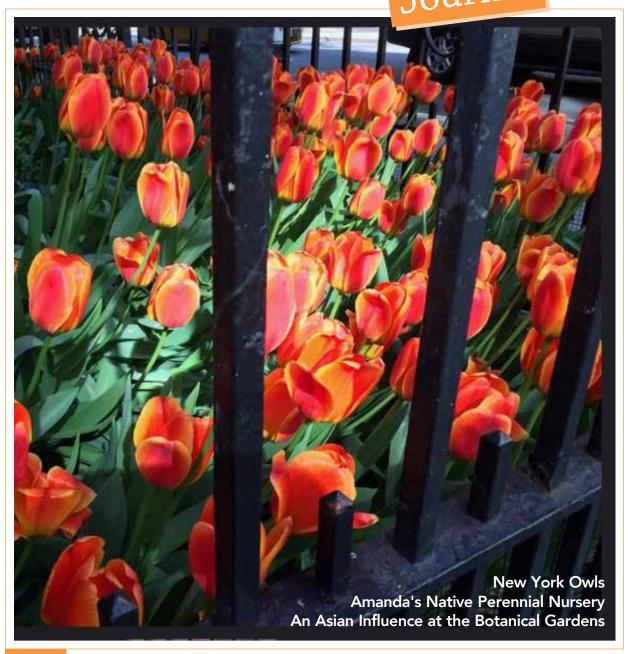
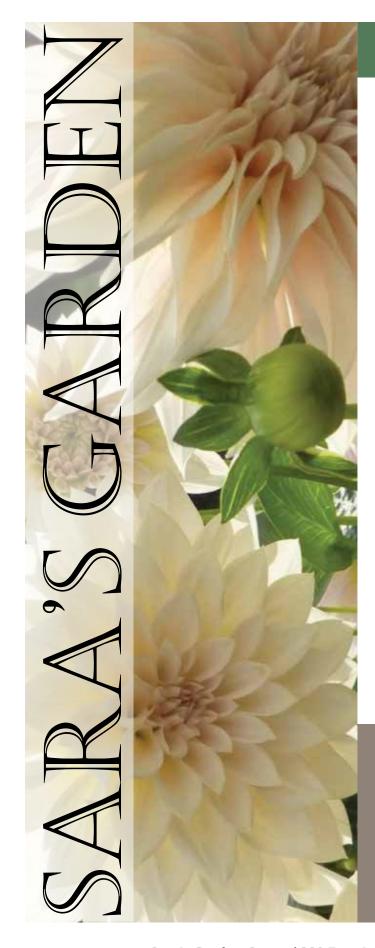
# Gardeners - SYRACUSE Upstate Upstate Clarener - SYRACUSE Upstate Upstate Journal



**FREE** 

Volume Twenty-three, Issue Two March-April 2017



# **Verges & Brinks**

Don't you totally love this time when we are just on the verge of one of the most anticipated seasons of the year? Sure, Christmas pulls a big number, but really, Spring affects everything; all living things sit on that same brink, the highly-anticipated moment of thawing soil and longer days. Here at the nursery we start some serious sitting about February 1 but plan and prepare all year; evaluations in June, Summer trials, Fall decisions and purchases, Winter seeding and planting. All done in preparation for the commencement of everyone's favorite season.

One obsession this year (among many), is our rekindled love affair with Dahlias. Nope, not hardy but you can overwinter the tubers very easily and the reward is years of flowers that have an unmatched range of color and form. Bold and prominent in the garden, these sun lovers offer an avenue into good design without even thinking. Their lush, large blooms and deep green foliage make the perfect companion/contrast with many other types of flowering plants.

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In February, longtime friend of the *Upstate Gardeners' Journal* Angela Ingraham won a special and prestigious award. Reading about it brought me back to the time when the UGJ was in its infancy and made me more than a little nostalgic.

Like everyone in the business, I knew Doc and

Katy—they often shopped at Reeves Road Greenhouses, where I worked in the early '90s. And I knew Angela back in the day, too. When my daughter was a toddler we spent plenty of time in the kids' garden at GardenScape, and we visited her often at Bristol's. In fact, I squarely blame Angela for Kieley's habit of adopting unusual creatures. Oh, and now Kieley works at Bristol's (big surprise). If she grows up to be as full of knowledge and sweetness and Angela is, I'll be a happy mom. She is off to a good start.

Congratulations, Angela!

Jane

#### ANGELA INGRAHAM RECIPIENT OF DOC AND KATY ABRAHAM GREEN THUMB MEMORIAL AWARD



The award was presented at the Master Gardeners Spring Garden Symposium held on Saturday, February 11 at Club 86 in Geneva.

Angela Ingraham has been in the green industry since 1978. From her first job gardening with a local lawn maintenance company the summer after high school, she knew she

had found her calling. After several years at Gardner's Greenhouse in Henrietta, she worked retail for eight years at Agway Garden Center in Victor, followed by 8 years in Landscape Design at Wayside Garden Center in Macedon. It was here that she began a 10 year partnership with the Genesee Fingerlakes Nursery and Landscape Association's (now PLANT GFLX) spring show, GardenScape, at the Dome Arena in Henrietta.

There, she and a small group of dedicated people developed the children's garden, a themed section of the show designed to provide education and entertainment for kids visiting the show.

In 1998, wishing to return to the retail garden industry, Angela began a career at Bristol's Garden Center in Victor, retiring from full time employment in 2014 to care for her mother-in-law at home on the farm. During that time, she worked in the perennials department and also ran, for many years, the "Kids Club," introducing children to the joys of gardening. She continues to enjoy helping out at Bristol's each spring for a few weekend days and seeing all of her former colleagues and beloved customers.

Over the years, Angela developed many relationships with local experts in garden clubs such as the Rock Garden Society, Hosta Society, Rose and Daylily Societies, and the Perennial Society. With the help of these dedicated and knowledgeable groups of people, she was able to provide the best possible local and up-to-date information possible to her customers.

Although she has worked in this industry for over 35 years, Angela never felt herself to be an "expert" in any one area of knowledge, rather she enjoyed being a "Jill of all trades," learning a bit about every aspect of gardening and horticulture. If anything, every year, she learned how much she *didn't* know, by seeing how much more there was to learn!

One of the things Angela is most proud of is her desire to educate as many people as possible over her career on the use of organic methods of gardening and alternative controls for pests and diseases. This continues today, on her own farm, where she grows the family's food and continues to mentor others when called upon.

Angela is honored by the nomination of this award, as it is a result of her love of all things growing that led her to a career in an industry that allowed her to spend each workday surrounded by the things she loves. She feels fortunate to have been able to pass that joy onto her customers and to so many children, who now, as adults, can in turn share the love of gardening with their children.

—Russell Welser, Cornell Cooperative Extension of Ontario County

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We are pleased to have 5 CNLPs on staff at Lockwood's. To reach the distinction of Certified Nursery Landscape Professional (CNLP), an applicant must have had extensive on-the-job experience and then must pass a rigorous written examination that can only be passed with hard study and training. The CNLP program is an on-going educational program designed to increase the

# What To Do in the Garden in March & April

#### **MARCH EDIBLES**

Start onion/leek/celeriac seeds early in the month. Consider getting a heated germination mat. After the seeds germinate, take the plants off the mat and hang fluorescent lights about 4 inches above them.

Start pepper, eggplant, and parsley seeds late in the month if you are in zone 6 or a warm microclimate of zone 5 (otherwise, early April). Soak parsley seeds in lukewarm

water for a few hours first. Use the germination mat. Move to the fluorescent light setup as soon as the seeds sprout.

If you have overwintered vegetable plants in a cold frame, make sure they don't get overheated. If there are root veggies in the garden, dig them up as soon as you can before they resume growth or rodents get to them. Harvest overwintered leaf veggies (FEDCO Seeds has a great list of extra-hardy veggies that can be wintered over with the help of a cold frame or low tunnels or mulch.) Egyptian onion, also known as perennial or walking onion, needs no winter protection and provides an early harvest.

It's time to start pruning fruit trees (except peaches) and grapes, before they leaf out.

If you grow fall raspberries, and prefer to get the large crop in late summer and fall, prune all the canes down to the ground. 'Polana' is a great variety that fruits for over two months starting in mid-August. I avoid 'Heritage' due to late fruiting and susceptibility to Phytophthora root rot.

#### MARCH ORNAMENTALS:

Observe where the snow melts first. This is your warmest microclimate. Consider putting your earliest spring bloomers there, such as snowdrops, winter aconites, and hellebores. Also, keep track of where the snow lingers longest. This is your coolest microclimate. When designing your landscape, consider this site for plants that tend to

sprout too early and get damaged by late spring frosts. By mulching heavily and siting them in a cooler spot, they will stay dormant later and hopefully avoid such damage.

Watch out for water that accumulates on top of frozen ground. Consider covering sensitive alpines with a bucket or plastic box to prevent this. Water puddles can kill even winter-hardy plants such as purple poppy-mallow. Plant them on a slope to allow the water to drain away.

> Winter is a great time to plan garden improvements because the architecture of your design is most apparent then. Take a photo of an area of your garden, and print it out on 8½" x 11" paper. Tape a sheet of tracing paper over the photo and, with a pencil, sketch shapes and sizes that you might like to add to the picture. Sketch circles and sweeping lines of various lengths for shrubs and grasses. Use a stick and ball to represent flowering perennials. Is there a view you would like to maximize or hide? Use colored pencils to enhance your design.

Now is also a good time to evaluate and prune your ornamental trees and shrubs, except for species that are considered 'bleeders'. Maples, birch, yellowwood, magnolia, linden, willow,

and nut trees are just a few trees that should be pruned a little later, after the sap is finished running.

This is a good time to repot houseplants and resume fertilizing lightly. Look for problems such as insects. Leggy plants such as angel wing begonias can be pruned and the cuttings rooted.



#### **APRIL EDIBLES:**

Start tomato, broccoli, cabbage, and basil seeds indoors in mid-month (if you will have enough space under your fluorescent lights). Start fava beans in individual cells or pots late in March or early in April, depending on your microclimate. This is a bean that tolerates light frosts, so plant the seedlings outside later in the month, to get production before hot weather.

10 | MARCH-APRIL 2017

INSET: Solomon's Seal

In late April, move pepper, eggplant, and basil seedlings to individual pots indoors. Consider applying black plastic or IRT (infrared transmitting) mulch to warm up the soil in the veggie garden where you want to plant heat-loving crops.

If spring weather permits, direct-seed cold-tolerant veggies such as peas, spinach, lettuce, radishes and carrots around midmonth.

Finish pruning fruit trees (except peaches) and grapes before they leaf out. Prune berry plants per recommendations. Consider applying row cover on strawberry plantings. Fertilize blueberries with an acid fertilizer such as ammonium sulfate (NOT aluminum sulfate) and/or apply elemental sulfur to keep the pH acid enough.

#### **APRIL ORNAMENTALS:**

Protect early-sprouters from late spring frosts. Candidates for protection include the true lilies, Japanese painted fern fiddleheads, *Kirengeshoma* species, and crown imperial, all of which have been zapped one time or another in my zone 5 frost-pocket location. You can use the same covers that you employ to protect your tomato plants in fall: old sheets and blankets that are not too heavy, cardboard boxes, or upside-down buckets. Avoid using sheet plastic and tarps. Do not rush to cut off last year's foliage as it does protect the crown and emerging sprouts.

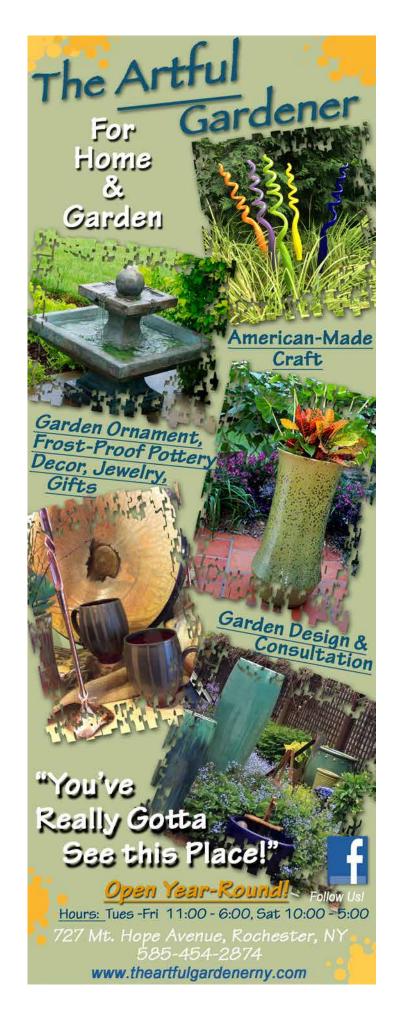
Early April is a good time to divide Solomon Seal before the stems elongate, and bloodroot before it sprouts. Later in the month, it may be time to remove last year's stalks from mums, and divide the clumps if needed. Also, it's a good time to divide many hardy perennials such as phlox, Siberian iris, Hosta, daylilies, asters, Helenium, Boltonia, Heliopsis, Shasta daisy, and so on. Bearded irises may be divided, but they probably won't bloom this year. Lavender, culinary sage, Russian sage, and butterfly bush can have dead wood trimmed off late in the month, when winter damage and live buds can be distinguished.

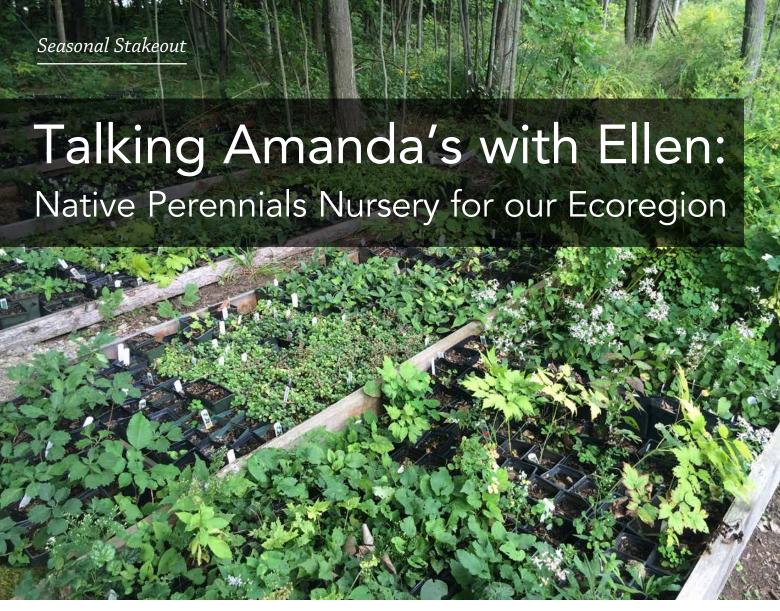
Protect crocuses and tulips from animal damage. Crocuses are particularly vulnerable because a new corm needs to be formed each year; they do not have persistent true bulbs like tulips. A mulch of pea gravel helps to discourage digging, and then repellent sprays are needed once they sprout. A deer fence helps, but I suspect rabbits may also browse on the foliage.

If the spring is dry, and you have plantings that receive salty runoff, water them heavily to flush the salt down below the root zone. Prune off branches damaged by salt spray, and make a mental note to install a burlap screen to prevent salt damage next winter.

Use your germination heat mat for getting heat-loving tropical 'bulbs' such as caladiums started. Use shallow pots until they sprout. Depending on your microclimate, you may need to pot them up again before they can be safely planted outside. Other tender 'bulbs' such as dahlias and cannas can be potted up early, but should grow at normal indoor room temperature.

— Pat Curran and the Tompkins County Master Gardeners





Story and photos by Michelle Sutton except where indicated

n 2016, Amanda's Garden celebrated 25 years of growing and selling native plants in Livingston County. Raised in Lake Placid, Amanda's owner Ellen Folts remembers

hiking with her mother and aunts—lovers of wildflowers—in the vast forests of the Adirondacks. Folts recalls being transfixed by her first sighting of Dutchman's breeches in the woods along the shore of Meachum Lake near Malone, NY. "I thought they were the coolest thing ever," she says. As a teenager, Folts went out botanizing by herself with Peterson Field Guides. Her early passion for native flora set the course for her future vocation.

For 25 years, Amanda's Garden was located in Springwater at Folts's home property; the new location in Dansville officially opened in the spring of 2016. Folts and her husband Ron bought the new property in 2013 after carefully scoping out the site

to make sure it would provide the right conditions for the nursery. She says, "We knew that this property typically keeps at least a foot of snow in the winter, which we need

to protect overwintering nursery stock."

The reason for the move from the Foltses home nursery to the Dansville location? The oak tree canopy at the home site had filled in; the dense oak shade was a problem for production as was the root competition from the oak trees with young plants in growing frames. Folts also wanted the acreage to make the nursery more of a destination, complete with hiking trails, a pond teeming with frogs, and abundant wildflower gardens featuring the more than 150 species she grows.

The extended Folts family, including daughter Amanda (30) (the nursery's namesake) and son Cassidy (27), is key to the success of the operation. Family reunions are

**ABOVE:** Native plants for shade at Amanda's Garden

**INSET:** Ellen Folts

# JENNY APPLE, ASSOCIATE PROFESSOR OF BIOLOGY AT SUNY GENESEO AND CHAIR OF THE SPENCER J. ROEMER ARBORETUM ADVISORY BOARD, ON AMANDA'S GARDEN

I help maintain the Spencer J. Roemer Arboretum on the SUNY Geneseo campus. The Arboretum is a 20-acre woodland undergoing ecological succession since it ceased serving as pasture in the 1960s. As an ecologist interested in promoting biodiversity and controlling invasives, I have been eager to plant more natives in our Arboretum.

Ellen came out to our site and prepared an excellent report providing recommendations for plants to use in different areas, ranging from the understory beneath a grand old oak tree, a more formal flower bed to be replaced with natives, and an open meadow dominated by exotics and aggressive perennials where we wanted to establish a diversity of plants to attract pollinators and monarchs.

She gave very thoughtful suggestions to ensure that floral resources for pollinators were available throughout the season along with a variety of colors and flower types for their aesthetic appeal. Thanks to her suggestions and the many plants we have purchased from Amanda's Garden, our Arboretum's gazebo garden is filling out nicely, with lovely colorful blooms from spring into late fall.

Ellen has been incredibly generous with her knowledge. In her consultation, she also provided strategies for trying to suppress invasives and unwanted vegetation and promote the success of our plantings. She pointed out plants we already had that we could collect seeds from for propagation on our own. At a workshop she gave at the Rochester Civic Garden Center on propagating native perennials, I learned many tricks and tips for collecting, prepping, and planting native seeds, which I put into practice with student volunteers.

My own yard has also benefited from her inventory and her great suggestions. I appreciate all her efforts to spread the word about the many benefits of native plants. I can't get enough of observing and photographing all the incredible and beneficial insects they attract!

#### LAURIE HUNT, ROCHESTER:

I was inspired to make my first trip to Amanda's Garden because of a Facebook post saying it was National Pollinator's Week. She gave me a tour of the grounds and everything pretty much looked the same to me, what most people might think of as weeds. I dubiously took home a few plants and started my love affair. Ellen did a home visit and identified which plants in my wooded backyard to keep and which to remove. She recommended plants to create diversity in the landscape. My yard is now primarily planted with native plants from Ellen and I keep adding more. People now come to me for advice! And I can't walk in the woods without identifying native plants and pulling out invasives. It's all Ellen's fault.

#### **RYAN BASS, GARRISON:**

I'm an avid birder, and Amanda's Garden has helped me design a bird-friendly garden. I've noticed a marked increase in birds in my native habitat garden vs. other areas of my property. It is no mystery that native plants attract insects and insects attract birds. Sometimes, public perception is "bugs are bad, so what can I spray on them?" In contrast, Ellen's approach educates the customer on what plants are "larval hosts" to ensure butterflies and moths can sustain future generations. She recommends species that attract predator insects for those "problem" bugs. Finally, she promotes creating a diverse habitat (not a monoculture) to attract wildlife and foster a harmonious environment. I also have really valued her consultation on problem sites where so little will grow—dry shade, poor drainage, or areas of high deer browse. I've found that once established, if a native plant is sited in the right location, it is virtually maintenance free.

held annually in spring at the nursery, where the practiced hands of the volunteers do several days of potting and propagating while family get caught up with each other.

For this jamboree, they make their own potting mix from leaf compost, rice hulls, composted bark, and an organic preventative biological fungicide product that helps protect the roots from diseases. "We grow most of our plants from seeds or spores, rather than dividing them, to encourage genetic diversity," Folts says. "In the case of the fern spores, we grow them in plastic containers on a light stand at home, then when they get potted up to 2 ¼-inch containers, we bring them up here to the nursery." The nursery trays used for seed propagation are made from pressed peat, they're compostable, and they last about three years. This is a strategic choice, because blue cohosh takes three years to germinate—the longest of any plants in her stock.

Folts grows from seed she collects—including seed on the nursery property, which sports many indigenous

plants—and by buying from nurseries in the same ecoregion, called the Laurentian. She grows mostly plants native to the Northeast, with a few outliers from further west as far as Illinois and south to North Carolina. "I limit the range so that I can keep the genetics found in the local ecoregion; I sell very few plants from outside that region."

In addition to selling at the nursery and at Rochester's Proud Market and Gathering of Gardeners symposium, Folts sells native plants online, orders that average \$40-50 each, and ships them bare root. She also sells to nonprofits like state parks and land trusts; customers have included Central Park; Clark Reservation, Letchworth, and Knox Farm State Parks; the Chautauqua Institution; the Roemer Arboretum at SUNY Geneseo; and the Town of Perinton. Even though the paperwork was daunting, becoming a certified woman-owned business helped Folts secure large orders from New York State. Folts also teaches courses on all facets of native plants, with propagation as her favorite.







**LEFT TOP:** The underutilized mountain mint (*Pycnanthemum muticum*)

**LEFT BOTTOM:** The tiny, striking marsh grass of Parnassus (*Grassa parnassus*) Photo by Ellen Folts

**RIGHT:** New England aster (*Symphyotrichum novae-angliae*) brings bold colors to the fall garden.

#### A SHORT Q&A WITH ELLEN FOLTS

What do you recommend for those with constructionravaged or otherwise infertile non-native soils, and what role does mulch play, if any?

Incorporate leaf compost or manure into the top 6" of soil and then mulch with a thin (no more than an inch) layer of compost or pine bark; you don't want to mulch so deeply that you cause perennials to rot or you prevent plants from self-seeding. The fall leaf drop can stay atop your garden to provide insulation to your plants; in the spring, go out there and gently rake most of the leaves off and compost them. In that way, you keep the butterfly and other larvae that overwintered on the leaves on your property. (The few leaves that remain in the garden can contribute organic matter to the soil over time.) If you have spring ephemerals like Dutchman's breeches coming up in March, be careful you don't pull those right out when you're raking. After raking each spring, put down a fresh inch of pine bark mulch to eventually break down along with the leaves.

#### What are some of the most underutilized native plants?

Mountain mint (*Pycnanthemum muticum*) grows in a beautiful mass and has a great smell. Barren strawberry (*Geum fragarioides*) can grow in sun or shade, it's evergreen and makes an excellent groundcover, and it has little yellow strawberry-like flowers. It's not particular about soil and it's not invasive—it's easy to pull up.

Flowering raspberry (*Rubus odoratus*) has pretty flowers and handsome leaves. It can be invasive but for filling up a bank, it's perfect. Canada anemone (*Anemone canadensis*) has beautiful white flowers and can take over a conventional garden but it's great underneath a maple tree where it's dry and you can't get anything to grow, plus it attracts beneficial insects.

#### What are some of the easiest-to-grow, and some of the most particular?

The ones I call "the woodland staples" are fairly easy to grow if given some shade: ferns, sedges, wild geranium







(Geranium maculatum), early meadow rue (Thalictrum dioicum), Jack in the Pulpit (Arisaema triphyllum), and wild columbine (Aquilegia canadensis). Joe Pye weed (Eupatorium maculatum) will grow anywhere, sun or shade—it's happiest in a ditch or other wet place, but in the hot dry sun it will just stay shorter.

Marsh grass of Parnassus (*Grassa parnassus*) needs sandy soil and full sun, yet needs to be kept fairly moist. Hepatica (*Hepatica americana*) has to be on an incline—when you see it in the woods you'll notice it's always on its little hummock or hill. Without that, its crown will rot. The lilies like Turk's cap (*Lilium superbum*) and Canada lily (*Lilium canadense*) you have to situate correctly—they like well-drained but moist soil and about two to three hours a day of direct sun.

#### Can you tell us a few interesting things about your propagation techniques?

-We do most of our seed sowing in trays and leave them out all winter because many native perennials need stratification.

-The ferns we do in plastic boxes; we put half an inch to an inch of soil in there, moisten it, then sterilize the medium in the microwave for five minutes. When the

medium cools down, we sow our spores using a piece of paper to gently tap them in. If the box gets contaminated by moss or algae we sometimes lose ferns, but you also have to be careful they don't get too dry. We sow them in January and put them on a light stand; they're not ready until two years later.

- Some plants like doll's eyes (Actaea spp.) don't even come up the first year and bloodroot (Sanguinaria canadensis) sometimes comes up the first year, but sometimes doesn't. We sow all of our woodland wildflower seeds, like those of bloodroot and trillium (Trillium spp.), as soon as the seed's ripe, because a lot of them are hydrophilic and if they dry out, they will take an inordinately long time to germinate.



This article barely scratched the surface of Folts's knowledge and offerings. To learn more about her and Amanda's Garden, see *amandasnativeplants.com*.

Michelle Sutton (michellejudysutton.com) is a horticulturist, editor, and writer.

**LEFT:** The delightfully showy wild ageratum (Eupatorium coelestinum)

**RIGHT TOP:** Hart's tongue fern (*Asplenium* scolpendrium)

RIGHT BOTTOM: Fern propagation takes careful monitoring of light and moisture levels.







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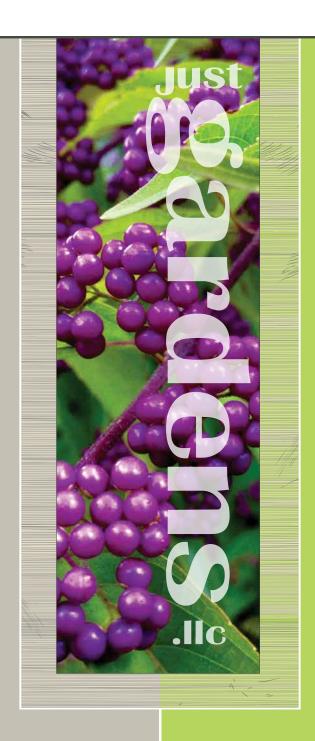


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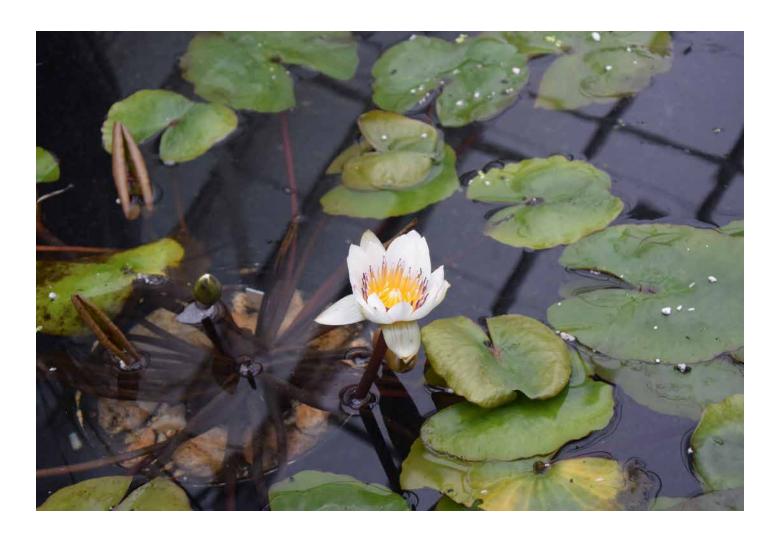


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# Exploring Asia at The Buffalo and Erie County Botanical Gardens

story and photos by Katie DeTar

reat landscape design transcends simple greenery and creates sacred space. It provides a place for contemplation and education, and transports visitors into an artful, beautiful world.

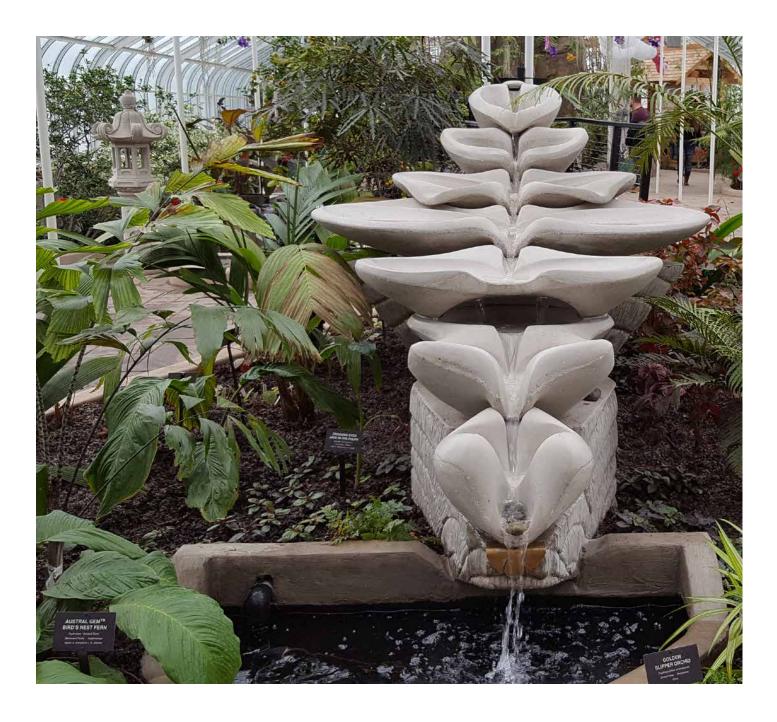
The Buffalo and Erie County Botanical Gardens achieves such a feat with this year's opening of two new exhibits, the Aquatic Garden and Asian Rainforest. The new spaces opened on January 14, following renovations that

began in in 2015.

Located in Buffalo's historic South Park, The Buffalo and Erie County Botanical Gardens are about six miles south of downtown Buffalo. The magnificent structure—built for the 1901 Pan-American Exposition—is one of only two remaining tri-domed glass conservatories in the world. The gardens house more than 4500 plant species, including cacti, palms, orchids, and medicinal plants.

**OPPOSITE:** Buddha displays mundra

**ABOVE:** Water lily



The new exhibits expand on this collection, and introduce even more new species, focusing on plants native to Southeast Asia and Australia—two of the most diverse and botanically significant regions in the world.

"This space gives us an opportunity to introduce varieties of plants not in the collection," says Executive Director David Swarts. "It also provides us an opportunity to talk about culture and educate our visitors."

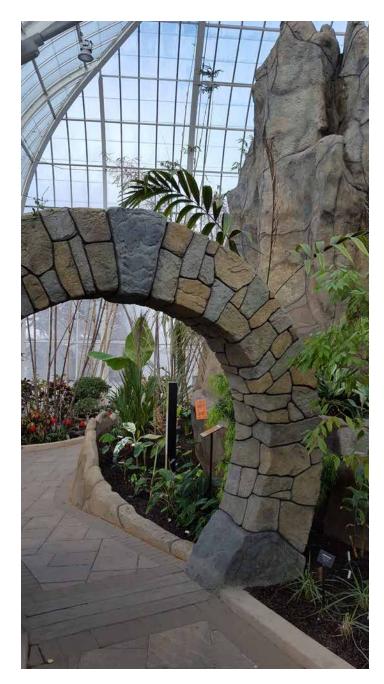
Wide pathways wind through exotic gardens complete with more than ten varieties of bamboo, tropical pitcher plants, white palms, and fruit trees. Regular garden visitors will also notice the bonsai collection has been moved and incorporated into the new spaces.

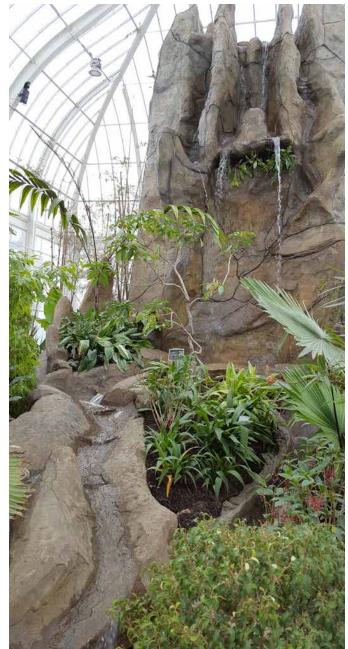
The Aquatic Garden and Asian Rainforest exhibits also include sculpture and cultural elements that align with the overall theme. Visitors step through a moon gate as they pass along the walkway. Circular architectural elements are common in Chinese gardens. A traditional teahouse perches in the far corner of the space, while a large Buddha statue displays a mudra—a symbolic hand gesture—communicating discussion, intellectual argument, and the flow of energy and information.

The moon gate, walkway curbs, and waterfall (the North Dome's stunning centerpiece) were all hand-carved and hand-painted. Close examination of the realistic looking rock reveals an incredible level of detail, textures, and colors.

The Aquatic Garden features not only plants, but also water itself as a landscape element. A large fountain sits at the entrance, swirling water into figure eights as it gently flows through large leaf-shaped bowls. Dozens of koi, donated by a local organic gardener, swim under a footbridge in a large pond.

**ABOVE:** Fountain





"[The aquatic elements] stress the importance of water in our lives, and its serenity and peacefulness. Water is healing. It's a sensory experience to visit the garden," says Swarts.

The plants and garden also present opportunities for conservation education. The expanded collection helps to ensure the survival of rare plant species threatened by deforestation and climate change in their native lands; pest and fungal control for the entire collection are now managed with the help of purposefully placed beneficial insects, rather than entirely through pesticides. It's part of the Buffalo and Erie County Botanical Gardens' policy of preserving plants for future generations, and to be stewards for education.

For the home gardener, the beautiful and exotic new spaces spark inspiration. Luckily, in many ways, the same look and feel can be recreated at upstate backyards. Here

many of the same varieties of tropical plants will flourish outdoors in the warmer months as potted plants that can be moved indoors in winter. Many varieties of bamboo grow well outdoors, but should be reserved for containers too because they can be very invasive. Ponds, sculpture, and fountains can also create an Asian theme at home.

The new Aquatic Garden and Asian Rainforest exhibits offer a peaceful and vibrant place for relaxation. Go there to meditate, experience a new culture, and to find inspiration for your sanctuary.

Katie DeTar is the host and producer of the television travel series, Fringe Benefits – airing now on Public Television Stations. Learn more at www.katiedetar.com.

LEFT: Moon Gate

**RIGHT:** Waterfall











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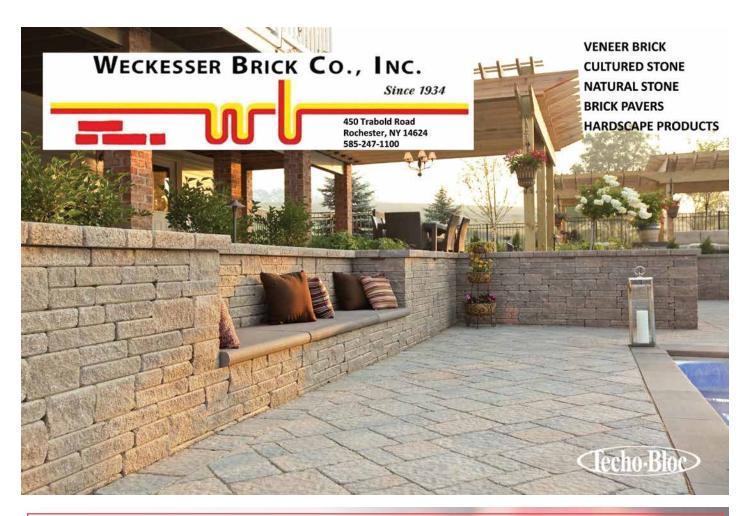
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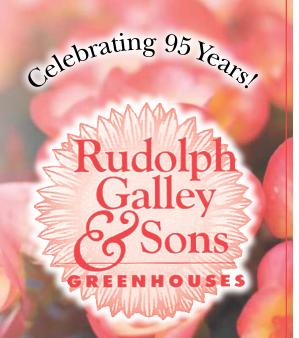
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#### Calendar

#### **BUFFALO**

#### **REGULAR CLUB MEETINGS**

- African Violet & Gesneriad Society of WNY meets the third Thursday of the month, March—December, at 7pm, Greenfield Health & Rehab Facility, 5949 Broadway, Lancaster. May 6–7: Judged Show and Sale, Walden Galleria Mall (see calendar, below). judyonei11945@gmail.com.
- Alden Garden Club meets the second Wednesday of the month (except July & August) at 7pm, Alden Community Center, West Main Street, Alden. New members and guests welcome. Plant sale each May. 716/937-7924.
- Amherst Garden Club meets the fourth Wednesday of the month (except December, March, July & August) at 10am, St. John's Lutheran Church, Main Street, Williamsville. New members and guests welcome. 716/836-5397.
- Bowmansville Garden Club meets the first Monday of the month (except June, July, August & December) at 7pm, Bowmansville Fire Hall, 36 Main Street, Bowmansville. New members and guests welcome. For more information 716/361-8325.
- Buffalo Area Daylily Society. East Aurora Senior Center, 101 King Street, East Aurora. Open Gardens in July. 716/698-3454; Facebook; buffaloareadaylilysociety. com.
- Federated Garden Clubs NYS District 8.

  Marcia Becker, District Director. 716/681-3530;
  marshmelo601@yahoo.com; gardenclubsofwny.com.
- Friends of Kenan Herb Club meets Monday evenings, Kenan Center for the Arts, 433 Locust Street, Lockport. Meeting dates, times and campus locations: kenancenter.org/affiliates.asp; 716/433-2617.
- Garden Club of the Tonawandas meets the third Thursday of the month at 7pm, Tonawanda City Hall, Community Room.
- Garden Friends of Clarence meets the second Wednesday of the month at 7pm, September—June, Town Park Clubhouse, 10405 Main Street, Clarence. gardenfriendsofclarence@hotmail.com.
- Hamburg Garden Club meets the second Wednesday of every month at noon, summer garden tours, Hamburg Community Center, 107 Prospect Avenue, Hamburg. 716/648-0275; droman13@verizon.net.
- Ken-Sheriton Garden Club meets the second Tuesday of the month (except January) at 7:30pm, St. Mark's Lutheran Church, 576 Delaware Road, Kenmore. Monthly programs, artistic design and horticulture displays. March 18: Installation of Officers and Reports Luncheon, 12 pm, The Eagle House, 5578 Main Street, Williamsville. New members and guests welcome. 716/833-8799.
- Lancaster Garden Club meets the second Wednesday of the month at 7pm, St. John's Lutheran Hall, 55 Pleasant Avenue, Lancaster. No meetings January, July & August. April 19: Ten New and Emerging Garden Pests and How to Control Them with John Farfaglia. May 10: Spring Garden Maintenance, the Easy Way with Lyn Chimera. 716/685-4881.
- Niagara Frontier Orchid Society (NFOS) meets the first Tuesday following the first Sunday (dates sometimes vary due to holidays, etc.), September—June, Botanical Gardens, 2655 South Park Avenue, Buffalo. niagarafrontierorchids.org.
- Orchard Park Garden Club meets the first Thursday of the month at 12pm, Orchard Park Presbyterian Church, 4369 South Buffalo Street, Orchard Park. President: Ruth Ann Nowak, 716/662-1017.
- Silver Creek-Hanover Garden Club meets the second Saturday of the month at 2pm, First Baptist Church, 32 Main Street, Silver Creek. Sue Duecker, 716/934-7608; duke.sue@roadrunner.com.

- South Town Gardeners meets the second Friday of the month (except January) at 10:30am, Charles E. Burchfield Nature & Art Center, 2001 Union Road, West Seneca. New members welcome.
- Western New York Carnivorous Plant Club meets the first Wednesday of the month at 6:30pm, Menne Nursery, 3100 Niagara Falls Blvd., Amherst. wnycpclub@aol.com; facebook.com/wnycpclub.
- Western New York Herb Study Group meets the second Wednesday of the month at 7pm, Buffalo and Erie County Botanical Gardens, 2655 South Park Avenue, Buffalo.
- Western New York Honey Producers, Inc. Cornell Cooperative Extension of Erie County, 21 South Grove Street, East Aurora. wnyhpa.org.
- Western New York Hosta Society. East Aurora Senior Center, 101 King Street, East Aurora. A group of hosta lovers who have come together to promote the genus hosta. 716/941-6167; h8staman@aol.com; wnyhosta. com.
- Western New York Hosta Society Breakfast Meetings, a friendly get-together, first Saturday of the month at 10am, Forestview Restaurant, Depew. wnyhosta.com.
- Western New York Iris Society usually meets at members' homes and gardens. Information about growing all types of irises and complementary perennials. Show and public sale. Guests welcome. Carolyn Schaffner, 716/837-2285; drsnooks@twc.com.
- Western New York Rose Society meets the third Wednesday of each month at 7pm, St. Stephens-Bethlehem United Church of Christ, 750 Wehrle Drive, Williamsville. March 15: Pruning & Planting Bare Root Roses with Steve Styn. June 17: Rose Show, Walden Galleria Mall. wnyrosesociety.net.
- Wilson Garden Club generally meets the second Thursday of each month at 7pm, Community Room, Wilson Free Library, 265 Young Street, Wilson. Meetings open to all, community floral planting, spring plant sale, local garden tours. 716/751-6334; wilsongardenclub@aol.com.
- Youngstown Garden Club meets the second Wednesday of every month at 7pm, First Presbyterian Church, 100 Church Street, Youngstown.

#### **FREQUENT HOSTS**

- **BECBG:** Buffalo & Erie County Botanical Gardens, 2655 South Park Avenue, Buffalo, NY 14218. 716/827-1584; buffalogardens.com.
- BMAC: Beaver Meadow Audubon Center, 1610 Welch Road, North Java, NY 14113. 585/457-3228; 800/377-1520; buffaloaudubon.org.
- CCE/EC: Cornell Cooperative Extension, Erie County, 21 South Grove Street, East Aurora, NY 14052. 716/652-5400 x177; mgerie@cornell.edu; erie.cce.cornell.edu.
- LOCK: Lockwood's Greenhouses, 4484 Clark Street, Hamburg, NY 14075. 716/649-4684; weknowplants.
- REIN: Reinstein Woods Nature Preserve, 93 Honorine Drive, Depew, NY 14043. 716/683-5959; dec. ny.gov.

#### **CLASSES / EVENTS**

- Indicates activities especially appropriate for children and families.
- Ongoing through April 7: Great Plant Sale Pre-Order.
  Place orders online. Plants will be available for pick up
  at the Great Plant Sale, May 18–20. BECBG
- March 18: Education Day, 8:30am–3pm. Garden Design and the Kitchen Garden and Growing Herbs, Greens and Aromatics in Small Spaces and Containers with Ellen Ecker Ogden, food & garden writer. Identifying and Controlling Weeds with Dr. Tony DiTomasso,

- Cornell University. Includes hot buffet lunch. Classics V Banquet Center; Amherst. \$30 Erie County Master Gardeners; \$45 Master Gardeners outside Erie County; \$50 general public. Registration required. CCE/EC
- March 18—June 10: Horticulture Certificate Series

  VI, 5 Saturdays, 11am–1pm. Horticulturist David
  Clark will cover: Great Grasses & Lawn Care; Color
  Theory & Texture in Gardens; World Tour of Garden
  Design; Tough Plants for Tough Sites; Edible Plants
  & Composting. Series: \$100 members; \$120 nonmembers. Single class: \$22 members; \$27 nonmembers. Registration required. BECBG
- March 19: Pruning and Planning Your Home Landscape, 1:30–3:30pm. Taught by Sally Cunningham & Jeff Fabian. \$15. Registration required. LOCK
- March 22: Plantasia Preview Night, 5:30–8:30pm. Gardens Through the Ages. See the gardens, enjoy refreshments and shop the vendors. Advance purchase tickets. Fairgrounds Event Center & Artisan Hall, 5820 South Park Avenue, Hamburg. 716/741-8047; plantasiany.com.
- March 23–26: Plantasia, Thursday–Saturday, 10am– 9pm; Sunday, 10am–5pm. Gardens Through the Ages. Theme gardens, exhibits, seminars, vendors, Children's Discovery Garden. \$9 adults; \$7 senior citizens (60+); children 12 & under free. Fairgrounds Event Center & Artisan Hall, 5820 South Park Avenue, Hamburg. 716/741-8047; plantasiany.com.
- March 25: Red Wiggler Worm Composting, 10:30am.
  Discover the many benefits of worm composting.
  Starter kits will be available to make at the program.
  \$3 per kit, members; \$5 per kit, non-members.
  Registration required. REIN
- March 30: Citizen Science Research: Project Budburst Training, 6:30pm. Reinstein Woods is involved in monitoring specific tree and plant species each year to record their phenophases (annual life cycle of plants) throughout the seasons. Recordings needed April–November, days and times flexible. Adults only. Registration required. REIN
- March 31: Taste of Paradise, 6–9pm. Fundraiser to benefit the Gardens. Enjoy cocktails and appetizers while surrounded by flowers and the fresh smells of spring. \$35 members; \$40 non-members; \$45 after March 26. BECBG
- April 1: Make an Upcycled Planter, 10am. Create a unique planter from natural and recycled materials.
   For adults and children ages 10 and up. \$2 members;
   \$4 non-members. Registration required. REIN
- April 1: Plants for Birds, 10–11:30am. Learn which native plants to grow in the garden, patio or balcony that will provide food and shelter for birds. \$3 members; \$5 non-members. Registration required. BMAC
- April 1: Get Started with Fruits & Vegetables,
  - 10am–2pm. Two sessions. Vegetable Gardening, 10–11:45am, Sally Cunningham will explain soil preparation, garden layout, organic methods, watering and tending by plant families. Fruit Trees & Berries, 1–2pm, Fred Safford and Lacy Folga will discuss selecting, planting and year-round management. \$30 full day, includes lunch; \$20 morning only; \$10 afternoon only. Registration required. LOCK
- April 1–23: Spring Flower Exhibit, 10am–5pm.
  Celebrate spring and enjoy the fragrance of over
  22,000 bulbs, including tulips and daffodils, amid
  shrubs and flowers. A 4-H farm will host baby
  bunnies, chicks, pigs, ducks and more. Included with
  admission. BECBG
- April 6: Kokedama Hanging Garden, 6pm. David Clark will show participants how to make their own hanging moss ball gardens created with a plant, mosses, packed soil mixture and string. \$45 members; \$50 non-members. Registration required. BECBG

- April 8: Growing and Arranging Cut Flowers, 10:30am. Taught by Roxanne McCoy from Lilies of the Field Cut Flower Farm. \$10. Registration required. LOCK
- April 11: Create an Easter Centerpiece, 6pm. Marge Vogel will guide participants in creating their own spring centerpiece. \$35. Registration required. LOCK
- April 12: The First Wildflowers of Spring, 1–3pm. Naturalist Mark Carra will lead this walk in search of some of the elusive ephemerals at Beaver Meadow. Be prepared for wet and muddy trails. All ages. \$5. Registration required. BMAC
- April 15: Natural Egg Dyeing, 10:30am. Discover how spices, fruits, vegetables and other natural materials can create rich natural colors and patterns on dyed eggs. Registration required. REIN
- April 22: Fungi with a Fun Gal, 10:30am. Enjoy a walk to look for mushrooms while learning the basics of identification and how fungi contribute to the ecosystem. Registration required. REIN
- April 22: Shrubs for Foundations, Front Beds or Hedges, 10:30am–12pm. Taught by Sally Cunningham. Registration required. LOCK
- April 22: Aliens, 2pm. Join a guided tour to learn about plants and animals that have been introduced from other parts of the world. Registration required. REIN
- April 23: Kids Art Workshop Totally Trees, 1–3pm. Children will create two pieces of art: a paper tree sculpture and a colorful tree painting. Ages 5–15. \$20 members; \$25 non-members. Registration required. BECBG
- April 27: Beginning Bonsai Workshop, 6–9pm. Fashion a live bonsai tree while learning about the art of bonsai techniques and styles. Taught by members of the Buffalo Bonsai Society. \$75 members; \$80 nonmembers. Registration required. BECBG
- April 28: Arbor Day Tree Tour, 4pm. Learn the basics of tree identification. Rain or shine. \$10. Registration required. BECBG
- April 28: Beginning Bonsai Workshop, 6–9pm. See description under April 27. \$75 members; \$80 nonmembers. Registration required. BECBG
- April 29: Arbor Day Tree Tour, 9:30am. Learn the basics of tree identification. Rain or shine. \$10. Registration required. BECBG
- April 29: Superior Landscape and Front Yard Trees, 10:30am–12pm. Taught by Sally Cunningham. Registration required. LOCK
- April 29: Nature Paints, 2pm. Learn how artists made paints before the introduction of synthetic materials.
   Ages 10 and up. \$2 members; \$4 non-members.
   Registration required. REIN
- April 29-May 6: Buffalo Cherry Blossom Festival. In addition to the cherry blossoms, visitors can enjoy music, boat rides, demonstrations & activities. Parking: Buffalo History Museum, corner Elmwood Avenue & Nottingham Terrace. Japanese Garden, Delaware Park, Buffalo. buffalocherryblossomfestival.org.
- April 30: Foraging for Wild Edibles Ramps, 1–3:30pm. Learn how to ID and sustainably harvest ramps (wild leeks). Each participant will be allowed to harvest a limited amount to take home as well as taste recipes. Adults only. \$10. Registration required. BMAC
- May 4–7: Spring Open House, 10am–5pm. Chicken Coop Originals, 13245 Clinton Street, Alden. 716/937-7837; Facebook; chickencooporiginals.com.
- May 5: Spent Spring Bulb Sale, 9am. Thousands of bulbs pulled from the Gardens. Bag provided, you fill. \$10 per bag, limit 3. BECBG
- May 6: Make a Fairy Garden, 9am or 2pm. Kids age 5–12 can make a miniature garden for fairies or gnomes using found and natural materials. Includes container, soil, plants. Pre-made twig furniture, \$5 / 2 pieces. \$15 members; \$20 non-members. Registration required. BECBG

- May 6: Fairy and Gnome Festival, 10am–5pm. Fairythemed crafts and activities, scavenger hunt, fairy house contest, food trucks. Included with admission. BECRG
- May 6: Choosing and Growing Roses, 10:30am–12pm. Tim Zimmerman from Medford Roses will discuss different types of roses including which ones will do best in the home garden as well as how to grow them. Registration required. LOCK
- May 6–7: African Violet & Gesneriad Show & Sale, Saturday, 12–6pm; Sunday, 10am–4pm. Judged show & sale presented by African Violet & Gesneriad Society of WNY. Walden Galleria Mall, 1 Walden Galleria, Buffalo. judyoneil1945@gmail.com.
- May 7: Herb Day, 11am–1pm. Herbalist Sarah Sorci will discuss herbs and herbal treats. LOCK
- May 12: National Public Gardens Day. Free members; \$1 non-members. BECBG.
- May 13: Hypertufa Container Workshop, 9am or 1pm. Participants will fashion their own unique planting container using a mix of peat moss, Portland cement and perlite. \$25 members; \$30 non-members. Registration required. BECBG
- May 13: Edible & Medicinal Wild Plants Walk, 2pm.
  Discover some local wild plants that can be used as
  food and medicine. Learn to identify and sustainably
  harvest them and sample some prepared dishes
  featuring wild foods. For adults and children ages 12
  and up. \$3 members; \$5 non-members. Registration
  required. REIN

#### SAVE THE DATE...

- May 16: Container Garden Workshop, 6:30pm. Marge Vogel will discuss which plants work best together and will guide participants in creating their own container garden to take home. \$42. Registration required. LOCK
- May 19–20: The Great Plant Sale, Friday, 10am–8pm; Saturday, 9am–4pm. Locally grown plants: native, drought-tolerant, sun, shade, vegetables, herbs, hanging baskets, lilacs, Japanese maples and more. BECRG
- May 23: Container Garden Workshop, 6:30pm. See description under May 16. \$42. Registration required. LOCK
- May 26–27: Erie County Master Gardener Plant Sale, Friday, 8:30am–3pm; Saturday, 8:30am–2pm. Shop a selection of sun and shade perennials, natives, herbs, annuals, shrubs and vegetables. Master Gardeners will be on-hand to provide advice on selecting and growing plants. Soil testing, see web site for directions on collecting samples. First Presbyterian Church of Buffalo, One Symphony Circle, Buffalo. CCE/EC
- May 30: Container Garden Workshop, 6:30pm. See description under May 16. \$42. Registration required. LOCK
- June 17: Rose Show. Presented by Western New York Rose Society. Walden Galleria Mall, 1Walden Galleria, Buffalo. wnyrosesociety.net.
- June 17–18: Lewiston GardenFest, 10am–5pm.
  Open gardens, speakers, demonstrations, container garden contest, vendors and more. Center Street, Lewiston. gardenclublewiston@gmail.com; facebook; lewistongardenfest.com.
- July 8–9: Lockport in Bloom Garden Walk. Self-guided walking and driving tour. Free. lockportinbloom.com.
- July 8-9: Hamburg Garden Walk, 10am-4pm. Self-guided. Vendors. Rain or shine. Maps: Memorial Park Bandstand, corner Lake & Union Streets. 716/648-7544; hamburggardenwalk.com.
- July 15: Samuel P. Capen Garden Walk, 10am–4pm. Self-guided tour of 70 private gardens and public spaces in the neighborhoods surrounding the UB South Campus. capengardenwalk@gmail.com; ourheights.org/gardenwalk.

- July 15: Capen at Night, 8–10pm. Self-guided evening tour of Samuel P. Capen Garden Walk (above). capengardenwalk@gmail.com; ourheights.org/gardenwalk.
- July 29–30: Garden Walk Buffalo, 10am–4pm. Self-guided, over 400 gardens. Free. Facebook; gardenwalkbuffalo.com.
- August 5: Riverside Tour of Gardens, 10am–4pm. Self-guided, features more than 50 gardens. New: 14207 Day, local activities throughout the area. Free. 716/851-5116. brrtourofgardens.com.
- August 5: Starry Night Garden Tour, 8–10pm. Selfguided, features 20 gardens. Part of *Riverside Tour of Gardens* (see above). Free. 716/851-5116. brrtourofoardens.com.

#### **ITHACA**

#### REGULAR CLUB MEETINGS

- Adirondack Chapter, North American Rock Garden Society (ACNARGS) meets the third Saturday of the month (except in summer) at 1pm, Whetzel Room, 404 Plant Science Building, Cornell University, Ithaca. Meetings are open to all. 607/269-7070; acnargs.org; facebook.com/acnargs.
- Finger Lakes Native Plant Society meets the third Wednesday of the month at 7pm, Unitarian Church annex, corner of Buffalo & Aurora, Ithaca. Enter side door on Buffalo Street & up the stairs. 607/257-4853.
- Windsor NY Garden Group meets the second and fourth Tuesdays of the month at 10am, members' homes or Windsor Community House, 107 Main Street, Windsor. windsorgardengroup.suerambo.com.

#### **FREQUENT HOSTS**

- BAK: Bakers' Acres, 1104 Auburn Road (Route 34), Groton, NY. 607/533-4653; bakersacres.net.
- CCE/TOM: Cornell Cooperative Extension, Tompkins County, 615 Willow Avenue, Ithaca, NY 14850. 607/272-2292; tompkins@cornell.edu; ccetompkins.org.

#### **CLASSES / EVENTS**

- Indicates activities especially appropriate for children and families.
- March 16: Gardening for Native Bees & Butterflies, 6:30–8:30pm. Learn to select plants that will thrive when planted in the correct conditions, whether sun or shade, clay or sand, dry or wet and will provide shelter and food for pollinators. \$5–\$10, sliding scale. Registration required. CCE/TOM
- March 19: High Tunnel Tour, 1pm. Learn about high and low tunnels, plastic-enclosed growing areas that rely on sunlight and captured heat to grow hardy greens. Tour will showcase the remaining veggies planted in the fall and recently started seedlings. \$7. Registration required. CCE/TOM
- March 19: Growing Orchids Naturally, 1–3pm. Orchid grower and author Barbara Schmidt will discuss the adaptations orchids have that allow them to grow without soil. Participants will mount an orchid on a piece of cork bark to take home. \$30 members; \$33 non-members. Registration required. Cornell Botanic Gardens, 1 Plantations Road, Ithaca. 607/255-2400; cornellbotanicgardens.org.
- March 24: Getting Started with Vegetable Gardening, 10am–12pm. Beginners will learn about garden siting, soil preparation, seed starting, transplanting, mulching, container gardening and easy vegetable plants to try first. Registration required. CCE/TOM

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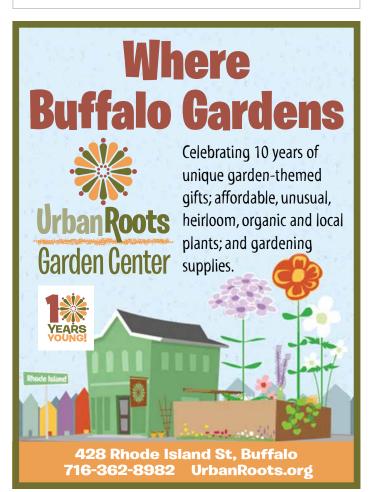


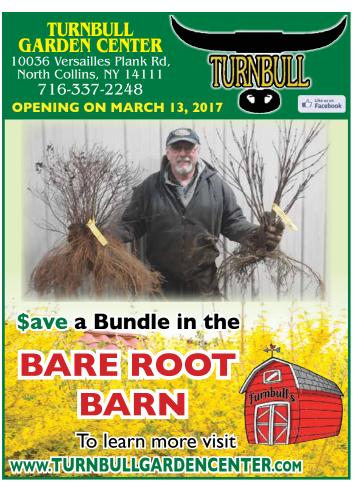
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#### A Call for Photos!

We want to hear about and see the interesting plants—trees, shrubs, annuals, perennials, vegetables, and even mosses—you've encountered in your travels. Each issue we will feature something different – and give credit to whomever submitted our selected feature.

Send an email to **cathy@upstategardenersjounal.com** with the following:

- 1. A high-resolution photo
- Location, your name, date or time of year visited, plant name and anything else you found fascinating.

We look forward to sharing your green travels!



Angel Oak on John's Island, SC

#### Calendar

#### ITHACA cont.

- March 25: Spring Worm Composting Class, 10am—12pm. Vermicomposting is an indoor system that uses worms to produce rich compost. This hands-on workshop will teach participants how to build and care for a bin. Each paying household will go home with a starter bin and worms. \$10 per household. Registration required. CCE/TOM
- March 25: Basic Fruit Tree Pruning Seminar, 1–3pm. Jim Eve will cover the purpose of pruning and the fundamentals of fruit tree growth and fruit production. He will also coach participants on how to decide what cuts to make and how much to take off of the tree. Indoor class followed by outdoor hands-on session. \$15. Registration required by March 22. BAK
- March 26: Community Seed Share, 11am–2pm. Learn seed saving techniques and participate in hands-on demonstrations on starting seedlings indoors and beginner seed saving and cleaning. \$5; free if you bring seeds to share. Registration required. CCE/TOM
- March 31: Getting Started with Vegetable Gardening, 6:30–8:30pm. See description under March 24. Registration required. CCE/TOM
- April 1: Herbs and Birds Workshop, 1–3pm. Three ongoing stations with hands-on activities: Herbal Dish Garden, choose four herbs to plant in a clay bowl, \$9/kit. Herbal Tea Making, make two unique blends to take home, \$5/kit. Bird Seed Cakes, make three special cakes to feed the birds, \$3/kit. \$5. Registration required by March 28. BAK
- April 2: Fruit Tree Pruning, 1–3pm. Orchardist Steve Cummins will demonstrate pruning and training techniques for young as well as mature fruit trees. Class takes place outdoors. \$5–\$10, sliding scale. Registration required. CCE/TOM
- April 3-May 8: Landscape for Life, 5 Mondays, 6-9pm. Developed by the U.S. Botanical Garden and Ladybird Johnson Wildflower Center, this program shows participants how to work with nature no matter where they garden: city, suburbs or country. Learn how to create an attractive and sustainable landscape that is healthier for people, pets and the environment. \$135 members; \$150 non-members. Registration required. Cornell Botanic Gardens, 1 Plantations Road, Ithaca. 607/255-2400; cornellbotanicgardens.org.
- April 5: Seed Starting for Beginners, 6:30–8:30pm. Participants will learn to construct a simple PVC light stand to grow seedlings under lights and will gain hands-on experience sowing and transplanting different types of seeds and seedlings to take home for their own gardens. \$5–\$10, sliding scale. Registration required. CCE/TOM
- April 19: Make a Bee Hotel for Native Pollinators, 6:30–8:30pm. Jacob Johnston from Cornell's Lab of Ornithology will give a presentation on the life cycle of native solitary bees and will share how to make a bee hotel to attract them to the garden. Materials included. \$10. Registration required. CCE/TOM
- April 22: Getting Started with Vegetable Gardening, 10–11:30am. Pat Curan, Cornell Cooperative Extension, will help beginning vegetable gardeners learn about garden siting, soil preparation, seed starting, transplanting, mulching, container gardening and easy veggies to try growing. Tomato issues such as late blight resistant varieties and determinate versus indeterminate will also be covered. \$10. Registration required by April 19. BAK
- April 23: Compost Fair, 12–4pm. See and experience all aspects of composting. Teams of Master Composters will be on hand to answer questions. Enjoy music, food, interactive displays, activities for kids and continuous tours of the compost demonstration site. Free. CCE/TOM
- April 26: Indigenous American Cropping Systems, 6:30–8:30pm. Jane Mt. Pleasant (Tuscarora), Associate Professor in Horticulture, will give a presentation

- about Haudenosaunee (Iroquois) agriculture and the productivity of Indigenous cropping systems. \$5–\$10, sliding scale. Registration required. **CCE/TOM**
- April 29: Native Bee Workshop, 10am–12pm. Cornell PhD students will teach participants about the different kinds of native bees and how they impact orchard pollination. Class will be held outdoors in the apple orchard and woods. Date may change according to bloom timing. \$10. Registration required by April 26. BAK
- May 10: Using Native Plants in the Garden for the Birds, 6–8pm. Learn which native plants support birds best and are appropriate for the garden. Includes online resources and an outdoor tour of the Native Plant Garden. Registration required. CCE/TOM
- May 11: Indigenous Staple Crops for Your Garden, 6:30–8:30pm. Learn how to grow indigenous American staple crops such as pinto and black beans, potatoes, winter squash and flint corn. \$5–\$10, sliding scale. Registration required. CCE/TOM

#### SAVE THE DATE...

- May 18: No-Dig Soil Prep Techniques, 6:30–8:30pm. Hands-on class will demonstrate techniques such as sheet composting and Irish 'lazy beds'. \$5–\$10, sliding scale. Registration required. CCE/TOM
- May 20: Garden Fair Plant Sale, 9am–2pm. Presented by Tompkins County Master Gardeners. Ithaca High School, 1401 N. Cayuga Street, Ithaca. CCE/TOM

#### **ROCHESTER**

#### **REGULAR CLUB MEETINGS**

- 7th District Federated Garden Clubs New York State, Inc. meets the first Wednesday of the month. 7thdistrictfgcnys.org.
- African Violet and Gesneriad Society of Rochester meets the first Wednesday of each month, September–June, at 7pm, St. John's Home, 150 Highland Avenue, Rochester. All are welcome. April 5: Dog Show, bring your less than perfect plants to compete for fun categories. April 22–23: Show & Sale, Violet Gems, see calendar (below). May 3: African Violet and Gesneriad Auction, members donate their extra plants, cuttings, plantlets and seeds. Stacey Davis, 585/426-5665; stacey.davis@rit.edu; avgsr.org.
- Big Springs Garden Club of Caledonia-Mumford meets the second Monday evening of the following months: September-November, January-May. New members and guests welcome. 585/314-6292; mdolan3@ rochester rr com
- Bloomfield Garden Club meets the third Thursday of the month (except May, July & August) at 11:45am, Veterans Park, 6910 Routes 5 & 20, Bloomfield. New members and guests welcome. 585/657-4489; kjmonrad@frontiernet.net.
- Blue Belles & Beaus Garden Club (formerly Valentown Garden Club) meets the third Tuesday of each month. Victor. Contact Pat Bartholomew; 585/869-5062.
- Bonsai Society of Upstate New York meets the fourth Tuesday of the month at the Brighton Town Park Lodge, Buckland Park, 1341 Westfall Road, Rochester. 585/334-2595; bonsaisocietyofupstateny.org.
- Creative Gardeners of Penfield meets the second Monday of the month at 9:15am (except July & August), Penfield United Methodist Church, 1795 Baird Road, Penfield. March 13: Local Butterflies. April 10: New York State's Horticultural Uniqueness. Visitors welcome. Call 585/385-2065 if interested in attending a meeting.
- Fairport Garden Club meets the third Thursday evening of each month (except August and January). Accepting new members. fairportgc@gmail.com; fairportgardenclub.org.

- Garden Club of Brockport meets the second Wednesday of every month at 7pm, Jubilee Church, 3565 Lake Road, Brockport. Speakers, hands-on sessions. Georgie: 585/964-7754; georgietoates@yahoo.com.
- Garden Path of Penfield meets the third Wednesday of the month, September–May at 7pm, Penfield Community Center, 1985 Baird Road, Penfield. Members enjoy all aspects of gardening; new members welcome. gardenpathofpenfield@gmail.com.
- Genesee Region Orchid Society (GROS) meets every month, September–May, at the Jewish Community Center, 1200 Edgewood Avenue, Rochester, on the first Monday following the first Sunday of each month (dates sometimes vary due to holidays, etc.). GROS is an affiliate of the American Orchid Society (AOS) and Orchid Digest Corporation. April 1–2: Orchid Show & Sale, see calendar (below). facebook.com/geneseeorchid; geneseeorchid.org.
- Genesee Valley Hosta Society meets the second Thursday of the month, April—October, at Eli Fagan American Legion Post, 260 Middle Road, Henrietta. 585/538-2280; sebuckner@frontiernet.net; geneseevalleyhosta.com.
- Genesee Valley Pond & Koi Club meets the first Friday of the month at 6:30pm, Adams Street Recreation Center, 85 Adams Street, Rochester, except in summer when it tours local ponds. president.gvpkc@gmail.com; gvpkc.shutterfly.com.
- Greater Rochester Iris Society (GRIS) meets Sundays at 2pm, dates vary, St. John's Episcopal Church Hall, 11 Episcopal Avenue, Honeoye Falls. March 12: Daylilies The Way I See Them with Charlie Zettek. April 9: Let's Get Ready For Spring. Public welcome. 585/266-0302; thehutchings@mac.com.
- Greater Rochester Perennial Society (GRPS) meets the first Thursday of each month at 7pm, Twelve Corners Presbyterian Church Fellowship Hall, 1200 South Winton Road, Rochester, except in summer when it tours members' gardens. 585/467-1678; smag@rochester.rr.com; rochesterperennial.com.
- Greater Rochester Rose Society meets the first
  Tuesday of the month, April–November, at First
  Unitarian Church, 220 Winton Road South, Room 110,
  Rochester. July meeting is a garden tour. April 4 &
  May 2: Regular Meeting. May 6: Hands-on Pruning
  Workshop, 10 am, Maplewood Rose Garden. June 24:
  Rose Show, Irondequoit Public Library. 585/694-8430;
  rochrosesociety@gmail.com; Facebook.
- Henrietta Garden Club meets the second Wednesday of the month (except May–August & December) at 6:30pm, Department of Public Works Building, 405 Calkins Road, Henrietta. Guests welcome. April 12: Container Gardening with Jeanine Fyfe & Linda Groves. May 13: Plant Sale, 9am–4pm, see calendar (below). 585/889-1547; henriettagardenclub@gmail.com; henriettagardenclub.org.
- Holley Garden Club meets the second Thursday of the month at 7pm, Holley Presbyterian Church. 585/638-
- Ikebana International Rochester Chapter 53 meets the third Thursday of each month (except December and February) at 10am, First Baptist Church, Hubbell Hall, 175 Allens Creek Road, Rochester. 585/301-6727; 585/402-1772; ikebanarochester.org.
- **Kendall Garden Club** meets the first Wednesday of the month at 7pm, Kendall Town Hall. 585/ 370-8964.
- Newark Garden Club meets the first Friday of the month at 1pm, Park Presbyterian Church, Newark. Guests are welcome.
- Pittsford Garden Club meets the third Tuesday of the month at 11am, Pittsford Public Library, Fisher Meeting Room, 24 State Street, Pittsford, except in July & August when it visits members' gardens. March 21: Presenter, Cindy Cali. April 18: Presenter, Jack Kowiak. May 20: Plant Sale, 9 am, parking lot behind Pittsford Library. 585/425-0766; BKRU888@aol.com; pittsfordgardenclub.wordpress.com.

- Rochester Dahlia Society meets the second Saturday of the month at 12:30pm, Trinity Reformed Church, 909 Landing Road North, Rochester, except July, August, September. Visitors welcome. 585/865-2291; djohan@ frontiernet.net; Facebook; rochesterdahlias.org.
- Rochester Herb Society meets the first Tuesday of each month (excluding January & February) at 12pm, Rochester Civic Garden Center, 5 Castle Park, Rochester. June–August garden tours. New members welcome.
- Rochester Permaculture Center, meets monthly to discuss topics such as edible landscapes, gardening, farming, renewable energy, green building, rainwater harvesting, composting, local food, forest gardening, herbalism, green living, etc. Meeting location and details: meetup.com/rochesterpermaculture.
- Seabreeze Bloomers Garden Club meets the fourth Wednesday of the month, except January, at 7pm, Transfiguration Lutheran Church, 3760 Culver Road, Rochester. Some meetings feature speakers others are visits to local gardens or special events. Members receive a monthly newsletter. April 26: Coleus, presented by Master Gardener John Colagrosso. All are welcome. Contact Suzanne Flanigan: 585/544-1356; sflaniga192@gmail.com.
- Stafford Garden Club meets the third Wednesday of the month at 7pm, Stafford Town Hall, 8903 Morganville Road (Route 237), Stafford, except December and January. Plant auction in May. All are welcome. 585/343-4494.
- Victor Garden Club meets the second Wednesday of the month except January & February at 6:30/6:45pm. Meeting and location details at victorgardenclubny2. com or 585/721-5457. New members welcome

#### **FREQUENT HOSTS**

- **BGC:** Broccolo Garden Center, 2755 Penfield Road, Fairport 14450. 585/424-4476; info@ broccologroup.com.
- CCE/GC: Cornell Cooperative Extension, Genesee County, 420 East Main Street, Batavia, NY 14020. 585/343-3040; genesee.cce.cornell.edu.
- CCE/MON: Cornell Cooperative Extension, Monroe County, 2449 St. Paul Blvd., Rochester, NY 14617. 585/753-2550; monroe.cce.cornell.edu.
- RCGC: Rochester Civic Garden Center, 5 Castle Park, Rochester, NY 14620. 585/473-5130; rcgc.org.
- RPM: Rochester Public Market, 280 North Union Street, Rochester, NY. 585/428-6907; cityofrochester.gov/flowercitydays.

#### **CLASSES / EVENTS**

- Indicates activities especially appropriate for children and families.
- March 11: Shiitake Mushroom Log Workshop,
  - 9–11:30am. Hands-on workshop will cover biology of fungi and the basics of shiitake mushrooms; choice of logs (bolts) for inoculation; inoculation of bolts, spawn and tools needed; harvest, storage and economics of growing; sources of spawn and additional resources. Participants will take home an inoculated log. Agriculture Science Building, Room 109, Alfred State College. Fee. Registration required. Cornell Cooperative Extension, Alleghany County. cc746@cornell.edu; 585/268-7644 x12.
- March 16: Woody Ornamentals, 6–9pm. Christine Froehlich will share her method of categorizing woodies according to shape, structure, growth habit, color and scale to help simplify making choices and create more effective designs. She will discuss their landscape values, her favorites to use to liven up the landscape and how to buy and plant them. \$36 members; \$46 non-members. Registration required. RCGC

- March 18: Education Day, 8:30am–3pm. See description under Buffalo Classes/Events (above). Includes hot buffet lunch. Classics V Banquet Center; Amherst. \$30 Erie County Master Gardeners; \$45 Master Gardeners outside Erie County; \$50 general public. Registration required. CCE/EC
- March 18: Garden Talk Vegetable Gardens & Raised Beds, 10am–12pm. Presented by Sharon Rosenblum, Master Gardener. Free. Hansen Nature Center, Tinker Park, 1585 Calkins Road, Pittsford. CCE/MON
- March 20: Make Your Own Terrarium, 6:30–8pm. Joe Gallea will explain which plants are best for terrariums, how to layer the soil with different planting media and describe proper lighting, watering and fertilizing. Bring a glass container or purchase one before class. Includes 3 plants, planting media and decorative stone. Class takes place at Gallea's, 2832 Clover Street, Pittsford. \$35. Registration required. RCGC
- March 21: Make an Everlasting Floral Wreath, 6:30–8pm. Sue Lang and Sheryl Roets will guide participants in creating an everlasting wreath using a base of salal (lemon leaf) and baby's breath (depending on availability) to embellish with a variety of dried, fresh and/or silk floral materials. Materials included. Class takes place at Gallea's, 2832 Clover Street, Pittsford. \$55. Registration required. RCGC
- March 21: Herbaceous and Softwood Cuttings, 6:30–8:30pm. Carolyn VanNess will cover propagating annuals, perennials, houseplants and shrubs using softwood cuttings. Emphasis will be on selecting proper tools and growing medium, use of rooting hormones and proper timing. \$22 members; \$32 nonmembers. Registration required. RCGC
- March 22: Organic Lawn Care, 6:30–8pm. Part of Organic Gardening Series with Rick Stecher, NOFAcertified Organic Landscape Specialist with many years of experience in community outreach in environmental horticulture and three decades as a community college instructor in horticulture and organic gardening. \$18 members; \$22 non-members. Registration required. RCGC
- March 23: Soils, 6–9 pm. Andy Joss will cover soil types, chemical composition, common problems, amendments, etc. Bring a pint of soil to test for texture and pH. \$36 members; \$46 non-members. Registration required. RCGC
- March 27: Bonsai Workshop, 6:30–8pm. Participants will select a starter plant and pot then be guided in transplanting and trimming it. Instructor Joe Gallea will discuss care and how to artisically landscape bonsai. Geared for beginners. Class takes place at Gallea's, 2832 Clover Street, Pittsford. \$65. Registration required. RCGC
- March 27–April 12: Basic Professional Floral Design Certificate, 6 Mondays & Wednesdays, 6:30–9pm. Alana Miller will guide students through the basic principles and techniques of floral design. Each intensive class will include lecture and hands-on workshop. Styles discussed will include round, triangular, vase, symmetrical, elongated, corsages and more. Students will create one or two arrangements to take home at each class. Materials included. \$395 members; \$495 non-members. Registration required. RCGC
- March 29: Landscaping for Butterflies and Other Pollinators, 6:30–8:30pm. Naturalist and garden designer Carol Southby will use close-up images of local butterflies and other pollinating insects as she explains how to attract them and the best flowers and other food sources for butterfly and pollinator gardens. \$22 members; \$32 non-members. Registration required. RCGC
- March 30: 20 Great Perennials for WNY Gardens, 6–8pm. Master Gardener Brenda Fox will highlight perennial plants that perform well in a variety of conditions; bloom in spring, summer or fall; bloom for a long time or are especially fragrant; are readily available for purchase. \$10. Registration required by March 24. CCE/GC

- April 1–2: Orchid Show & Sale, Saturday, 10am–5pm; Sunday, 10am–4pm. Presented by Genesee Region Orchid Society. Displays, demonstrations and vendors. Eisenhart Auditorium, Rochester Museum Science Center, 657 East Avenue, Rochester. \$7; children under 12 free. facebook.com/geneseeorchid; geneseeorchid.org.
- April 3: Orchid Workshop, 6:30–8pm. Joe Gallea will guide participants in choosing an orchid plant and transplanting it into a special pot and soil. He will discuss when and how to divide and fertilize, preventing diseases and insects and easy tips for care and maintenance. Class takes place at Gallea's, 2832 Clover Street, Pittsford. \$65. Registration required.
- April 4: Garden Talk Dahlias 101, 12:15–12:45pm.
  Session will cover dahlia types, tuber sourcing,
  planting, growing, harvesting and storage. Bring your
  lunch. Free. CCE/GC
- April 5: Organic Pruning Techniques with
  Consideration for the Plant's Energy Dynamics,
  6:30–8pm. Part of Organic Gardening Series with
  Rick Stecher, see description under March 22. \$18
  members; \$22 non-members. Registration required.
  RCGC.
- April 11: Using Trees and Shrubs for Year-Round Color, 6:30–8:30pm. Garden designer Marcella Klein will discuss more than 50 easy-to-grow woody plants that feature either colorful foliage, decorative berries, bright twigs, bark in intriguing patterns or winterblooming flowers. \$22 members; \$32 non-members. Registration required. RCGC
- April 12: Permaculture 101, 6–8pm. Master Gardener Dan Esler will explain how to combine the best of natural landscaping with edible gardening. \$10. Registration required by April 7. CCE/GC
- April 12: Herbal Skin Care Workshop, 6:30–8:30pm.
  Learn how to develop an easy skin care regimen
  using complimentary essential oils and herbs with
  therapeutic effects. Participants will make a skin care
  product to take home. Herbalist Michele Catarisano
  will also discuss how to decode the labels of
  commercial skin care products. Materials included.
  \$30 members; \$35 non-members. Registration
  required. RCGC
- April 14-May 14: Orchids in Bloom. See more than 150 orchids from Asia, Africa, Central and South America blooming among hundreds of butterflies in the Dancing Wings Butterfly Garden. Timed ticket required. The Strong National Museum of Play, One Manhattan Square, Rochester. 585/410-6325; museumofplay.org.
- April 15: Hands-on Inoculation of Shiitake Mushrooms on Hardwood Logs, 9am. Class will cover how to store logs until they can be inoculated, tools and equipment to make inoculation easy, inoculation steps, storing mushroom logs during spawn run and laying yard design basics. Participants will be able to inoculate and take home a log to grow at home. \$30. Registration required. Cornell Cooperative Extension, Wyoming County, 36 Center Street, Warsaw. 585/786-2251; cce.cornell.edu/wyoming.
- April 15: Shiitake & Winecap Mushroom Workshop, 9am–12pm. Certified permaculture gardener Nancy Marrer will discuss selecting the best wood to use for growing mushrooms; where to get mushroom spawn; how to inoculate, wax, tag and stack mushroom logs; growing cycles; care and maintenance of the logs. Hands-on outdoor workshop will cover shiitake, wine cap (Stropharia) and oyster mushrooms. Participants will go home with a shiitake inoculated log. \$35 members; \$45 non-members. Registration required. RCGC
- April 20: The Slow Flower Movement, 6–8pm.

  Master Gardener Brandie Schultz will take a look at the history of the cut flower industry and how locally grown flowers are making a comeback. Free. Registration required by April 14. CCE/GC







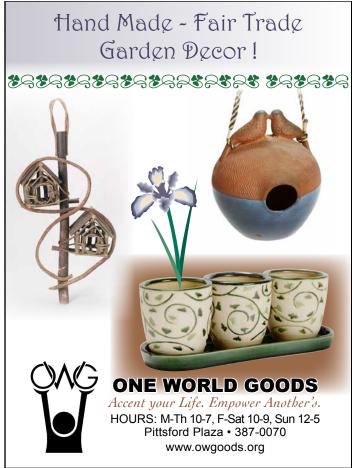


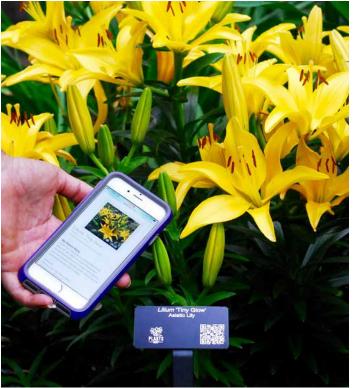
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#### ROCHESTER cont.

- April 20–June 15: Botanical Drawing, 8 Thursdays, 6:30–8:30pm. Deb Ver Hulst-Norris will teach participants to draw plants and flowers in accurate detail by closely observing structure and textures. Class will explore the use of graphite pencils with colored pencil added to give depth and definition to drawings. No previous experience needed. \$99 members; \$120 non-members. Registration required. RCGC
- April 21-May 26: Botanical Drawing, 6 Fridays, 9am– 12pm. See description under April 20. \$99 members; \$120 non-members. Registration required. RCGC
- April 22: Pruning Basics, 9am–12pm. Mike Tanzini will cover the basic principles of pruning trees and shrubs including techniques, timing and proper equipment. Class will go outside for demonstrations, weather permitting. A component of *Pruning Certificate* (see below), may be taken individually if space allows. \$36 members; \$46 non-members. Registration required.
- April 22: Wake Up Your Garden for Spring, 1:30–3:30pm. Christine Froelich will cover assessment and repair of winter damage, pruning, early staking, planting, division and more. Class will take place outside. \$22 members; \$32 non-members. Registration required. RCGC
- April 22–23: African Violet & Gesneriad Show & Sale, Saturday, 2–5pm; Sunday, 11am–4pm. Violet Gems. Presented by African Violet and Gesneriad Society of Rochester. Maplewood Estates, 55 Ayrault Road, Fairport. avgsr.org.
- April 22, May 6 & June 17: Pruning Certificate, 9 am–12pm. Mike Tanzini will cover the principles and techniques of pruning shrubs and small trees in the home landscape. April 22: Pruning Basics (see above). May 6: Dormant-Season Pruning (see below). June 17: Summer Pruning. \$94 members; \$130 non-members. Registration required. RCGC
- April 23: Durand Eastman Park Arboretum Tour, 2–4pm. Tour conducted by Monroe County Cooperative Extension Community Forester Volunteers. Be prepared to traverse moderate hills and wooded trails. Meet: kiosk next to park maintenance center, Zoo Road. Free; donations appreciated. Contact: 585/261-1665; bob.bea@gmail.com. CCE/MON
- April 26: A Gardener's Introduction to Integrated Pest Management (IPM), 6–8pm. Class will cover some of the IPM techniques that can be used in the home garden including looking at plants for insects or diseases. \$10. Registration required by April 21. CCE/GC
- April 26-May 24: Residential Landscape Design Certificate, 5 Wednesdays, 6-8:30pm. Learn to create a master landscape plan for your home property in this hands-on studio course with landscape designer Mike Tanzini. Topics covered will include analyzing the site, the plant palette, principles of landscape design and renovation, hardscaping and techniques for drawing out a plan. Participants will leave with a good start on their project plan. \$210 members; \$260 nonmembers. Registration required. RCGC
- April 27: Identifying Local Wildflowers, 6–9pm. Field trip, April 28, 10am–12:30pm. Learn about wildflowers native to the area and how to identify them using hands-on plant samples and a field guide. Field trip: put skills learned in class into practice at Harris Whalen Park. \$46 members; \$56 non-members. Registration required. RCGC
- April 28: Pining for You Evergreens, Pines & Junipers, 6:30pm. Learn how to establish beauty with pines. Free. Registration required. BGC

- April 29: Garden Talk Container Gardening, 10am– 12pm. Presented by Anne Stewart Mancuso, Master Gardener. Free. Hansen Nature Center, Tinker Park, 1585 Calkins Road, Pittsford. CCE/MON
- April 29: Splash Mob Painting Ladybug on a Flower, 11am. Capture the contrast between a flower and a ladybug. Registration required: splashmobpaintingparties.com. BGC
- April 30: Durand Eastman Park Arboretum Tour, 2–4pm. See description under April 23. Free; donations appreciated. Contact: 585/261-1665; bob. bea@gmail.com. CCE/MON
- May 2: Garden Talk Copper Wire Hummingbird Feeder, 12:15–12:45pm. Demonstration. Bring your lunch. Free. CCE/GC
- May 4: Is Your Garden Ready for Spring?, 6–8pm. Master Gardeners will share tips including chores to be done now, winter damage, dividing perennials, pruning hydrangea. Class will take place outdoors. \$10. Registration required by April 28. CCE/GC
- May 6: Dormant-Season Pruning, 9am–12pm. Michael Tanzini will discuss and demonstrate renovation of overgrown shrubs, pruning of small trees and corrective pruning. Class will take place outdoors. Prerequisite: Pruning Basics (see April 22) or another pruning class. Component of Pruning Certificate, may be taken individually if space allows. \$36 members; \$46 non-members. Registration required. RCGC
- May 6: For the Birds, 11am. Learn about plants that attract birds by providing food, shelter, safety and places to nest. Free. Registration required. BGC
- May 7: Flower City Days at the Market, 8am–2pm. Shop over 250 local nurseries and growers. Cornell Cooperative Extension Master Gardeners will be on hand to answer garden-related questions. Composting demonstrations by City Bureau of Recreation's Horticulture Coordinator. RPM
- May 7: Durand Eastman Park Arboretum Tour, 2–4pm. See description under April 23. Free; donations appreciated. Contact: 585/261-1665; bob.bea@gmail. com. CCE/MON
- May 9: Dividing Perennials, 6–8pm. Christine Froehlich will demonstrate how to divide perennials, using the proper tools, where to relocate divisions and how to replant them. Class takes place outdoors. Members \$22, non-members \$32. Registration required. RCGC
- May 11: Chainsaw Practicum, 6–7:30pm. Gain handson instruction and practice in how to safely use a chainsaw plus basic maintenance, sharpening and trouble-shooting. Saws and safety equipment provided. Taught by professional arborists. \$25 members; \$35 non-members. Registration required. RCGC
- May 12–21: Rochester Lilac Festival. Highland Park, Rochester. rochesterevents.com.
- May 12–21: Master Gardener Plant Sale, daily, 10:30am–8:30pm. A variety of perennials including lilacs, hydrangeas and clematis as well as annuals and garden decor. Master Gardeners will be on hand to answer questions. Presented by Cornell Cooperative Extension Monroe County Master Gardeners. Highland Park, Rochester. CCE/MON
- May 13: Henrietta Garden Club Plant Sale, 9am-4pm. Perennials, vegetables and annuals. Gro-Moore Farms, 2811 East Henrietta Road, Henrietta. 585/889-1547; henriettagardenclub.org.
- May 14: Flower City Days at the Market, 8am–2pm. See description under May 7. RPM
- May 14: Durand Eastman Park Arboretum Tour, 2–4pm. See description under April 23. Free; donations appreciated. Contact: 585/261-1665; bob. bea@gmail.com. CCE/MON

#### SAVE THE DATE...

- May 17: Gardening with Bulbs, 7–8:30pm. Join Master Gardener Laurie Burtner to learn about utilizing bulbs in the garden. Free. Registration required. CCE/MON
- May 18: Fruits of Your Labor, 6:30pm. Intro to starting your own orchard with information on what to grow, needs, pruning and sprays. Free. Registration required. BGC
- May 20: Plant Sale Pittsford Garden Club, 9am. Parking lot behind Pittsford Public Library. pittsfordgardenclub.wordpress.com.
- May 20: Plant Sale Town of Ontario Garden Club, 9am–1pm. Member grown and propagated annuals, including geraniums, bushes and trees. Lodge at Casey Park, Knickerbocker Road, Ontario.
- May 20: Spring Garden Gala Plant Sale, 10am–1pm. Presented by Genesee County Master Gardeners. Featuring indoor and outdoor plants (most grown by Master Gardeners), geranium sale, chance auction, free soil pH testing. CCE/GC
- May 20–21; 27–28; June 3–4: Linwood Tree Peony Festival of Flowers, 9am–4pm. Stroll the collection of Japanese and American tree peonies in full bloom set in the historic garden landscape, designed in the early 1900s, with an Arts and Crafts style summerhouse, walled gardens with pools and fountains, ornamental trees and an open view of the valley below. \$10; \$15 guided tours. Linwood Gardens, 1912 York Road, Pavilion. 585/584-3913; Facebook; linwoodgardens. org.
- May 21: Flower City Days at the Market, 8am–2pm. See description under May 7. RPM
- May 26–29: Flower City Days at the Market, 8am–2pm. See description under May 7. RPM
- June 4: Flower City Days at the Market, 8am–2pm. See description under May 7. RPM
- June 24: Rose Show. Presented by Greater Rochester Rose Society. Irondequoit Public Library, 1290 Titus Avenue, Rochester. 585/694-8430; rochrosesociety@ amail.com: Facebook.
- June 24: Backyard Habitat Tour, 9am–4pm. Self-guided tour of 8 gardens/backyard habitats in Penfield, Brighton and City of Rochester. \$15. Genesee Land Trust, 46 Prince Street, Suite LL005, Rochester. 585/256-2130; gmills@geneseelandtrust.org; geneseelandtrust.org.
- June 25: Visit a Local Commercial Shiitake Mushroom Operation, 9am. Session 3 of Outdoor Mushroom Growing Workshop Series. \$10. Registration required. Cornell Cooperative Extension, Wyoming County, 36 Center Street, Warsaw. 585/786-2251; cce.cornell. edu/wyoming.
- July 8–9: Finger Lakes Lavender Festival, 9am–5pm. Pick your own bouquet from18 varieties of lavender; shop local artists, hand-crafters and the Lavender Market; culinary treats; photographic opportunities. Rain or shine. Free. Lockwood Lavender Farm, 1682 West Lake Road, Skaneateles. 315/685-5369; lockwoodfarm.blogspot.com; fingerlakeslavenderfestival.blogspot.com.
- July 9: ABC Streets Garden Walk, 12–4pm. Self-guided. Tour city properties containing a variety of front, side and back yard spaces that include inviting porches, patios & decks, shade gardens, grass-less yards, tree-lawns, found objects, water features and more. Rain or shine. Free. Maps: Morrison Park, Culver Road & Harvard Street; East Avenue Dentistry, 1641 East Avenue. 585/721-8684; abc.streets@gmail.com; abcstreets.org.
- September 9: Gathering of Gardeners, 9am–4pm.
  Speakers Janet Macunovich and Steven Nikkila will
  present, Making the Most of Change. Parking lot plant
  sale. Presented by Monroe County Master Gardeners.

DoubleTree (by Hilton) Rochester, 1111 Jefferson Road, Rochester. Cornell Cooperative Extension, Monroe County, 2449 St. Paul Blvd., Rochester. 585/753-2550; monroe.cce.cornell.edu.

## **SYRACUSE**

## **REGULAR CLUB MEETINGS**

- African Violet Society of Syracuse meets the second Thursday of the month, September–May, Pitcher Hill Community Church, 605 Bailey Road, North Syracuse. 315/492-2562; kgarb@twcny.rr.com; avsofsyracuse.org.
- Bonsai Club of CNY (BCCNY) usually meets on the second Wednesday of the month at 7pm, Pitcher Hill Community Church, 605 Bailey Road, North Syracuse. April 12: Eastern White Cedar Workshop with Mark Arpag. May 10: Azalea Workshop with Dave Paris. September 9–10: Annual Show, Liverpool Public Library. 315/436-0135; Inewell1@qmail.com.
- Central New York Orchid Society meets the first Sunday of the month, September–May, St. Augustine's Church, 7333 O'Brien Road, Baldwinsville. Dates may vary due to holidays. 315/633-2437; cnyos.org.
- Gardening Friends Club meets the third Tuesday of the month at 6:30pm, March–December, Wesleyan Church, 4591 US Route 11, Pulaski. 315/298-1276; Facebook: Gardening Friends of Pulaski, NY; VicLaDeeDa@frontiernet.net.
- Gardeners of Syracuse meets the third Thursday of each month at 7:30pm, Reformed Church of Syracuse, 1228 Teall Avenue, Syracuse. Enter from Melrose Avenue. 315/464-0051.
- Gardeners in Thyme (a women's herb club) meets the second Thursday of the month at 7pm, Beaver Lake Nature Center, Baldwinsville. 315/635-6481; hbaker@twcny.rr.com.
- Habitat Gardening Club of CNY (HGCNY) meets the last Sunday of most months at 2pm, Liverpool Public Library, 310 Tulip Street, Liverpool. HGCNY is a chapter of Wild Ones: Native Plants, Natural Landscapes; for-wild.org. Meetings are free and open to the public. March 26: Working with Native Perennials to Build More Sustainable Landscapes. April 30: Native Wildflower Restoration Project. (see calendar, below) 315/487-5742; hgcny.org.
- Home Garden Club of Syracuse usually meets the first Tuesday morning of the month. Members are active in educating the community about gardening, horticulture & floral design and involved with several civic projects in the Syracuse area. New members welcome. homegardenclubofsyracuse@gmail.com; homegardenclubofsyracuse.org
- Koi and Water Garden Society of Central New York usually meets the third Monday of each month at 7pm. See web site for meeting locations. 315/458-3199; cnykoi.com.

- Syracuse Rose Society meets the second Thursday of every month (except December) at 7pm, Reformed Church of Syracuse, 1228 Teall Avenue, Syracuse. Enter from Melrose Avenue. Club members maintain the E. M. Mills Memorial Rose Garden, Thornden Park, Syracuse. Public welcome. syracuserosesociety.org.
- Williamson Garden Club. On-going community projects; free monthly lectures to educate the community about gardening. Open to all. 315/524-4204; grow14589@gmail.com; growthewilliamsongardenclub.blogspot.com.

### **FREQUENT HOSTS**

BWNC: Baltimore Woods Nature Center, 4007 Bishop Hill Road, Marcellus, NY 13108. 315/673-1350; Facebook; baltimorewoods.org.

### **CLASSES / EVENTS**

- Indicates activities especially appropriate for children and families.
- March 26: Working with Native Perennials to Build More Sustainable Landscapes, 2pm. Ellen Folts, owner of Amanda's Garden Native Perennial Nursery. Hosted by Habitat Gardening Club of CNY. Free. Liverpool Public Library, 310 Tulip Street, Liverpool. hgcny.org.
- April 1: Spring Gardening Seminar Beauties, Beasts and Shadies, 9am–12pm. Garden speaker and author Jessica Walliser will present Attracting Beneficial Bugs to Your Garden and Shade Gardens and Plants. Presented by Men and Women's Garden Club of Syracuse. \$40 members; \$45 non-members. Justin's Tuscan Grill, 6400 Yorktown Circle, East Syracuse. 315/428-8256; mensgardenclubseminar@gmail.com.
- April 22: Earth Day Habitat Restoration Service Project, 9am–12pm. Lend a hand in the removal of exotic plant species and restoring native plant communities that will better support wildlife. BWNC
- April 22: Earth Day Celebration, 1–4pm. Guided nature walks, crafts, info booths on home energy & recycling and a live performance of Dr. Seuss's The Lorax. Free. BWNC
- April 22–23: Wildflower Walk, 2–3pm. Join caretaker Audrey Loewer for a walk to see what is in bloom. Donations appreciated. BWNC
- April 29–30: Wildflower Walk, 2–3pm. See description under April 22–23. Donations appreciated. BWNC
- April 30: SUNY ESF Native Wildflower Restoration Project, 2pm. Greg McGee, Assistant Professor, Department of Environmental and Forest Biology, will discuss his native wildflower restoration project, investigating why native wildflowers did not seem to grow in areas that had been used as farmland. Hosted by Habitat Gardening Club of CNY. Free. Liverpool Public Library, 310 Tulip Street, Liverpool. hgcny.org.

 May 14: Mother's Day Garden Tour. Sycamore Hill Gardens, Marcellus. Proceeds benefit Baltimore Woods Nature Center. BWNC

#### SAVE THE DATE...

#### June 2-4: Plant Sale & Garden Festival. BWNC

- June 24: Summer Solstice Garden Tour & Plant Sale, 11am–4pm. Stroll the grounds at Sycamore Hill Gardens, Marcellus. Live music, yoga lessons, refreshments available for purchase. Picnicking encouraged. Proceeds benefit Central New York Land Trust. \$6 advance; \$12 gate. Facebook; cnylandtrust. org.
- July 8–9: Finger Lakes Lavender Festival, 9am–5pm. Pick your own bouquet from18 varieties of lavender; shop local artists, hand-crafters and the Lavender Market; culinary treats; photographic opportunities. Rain or shine. Free. Lockwood Lavender Farm, 1682 West Lake Road, Skaneateles. 315/685-5369; lockwoodfarm.blogspot.com; fingerlakeslavenderfestival.blogspot.com.
- September 9–10: Bonsai Show. Presented by Bonsai Club of CNY. Liverpool Public Library, 310 Tulip Street, Liverpool. 315/436-0135; Inewell1@gmail.com.

## & BEYOND

#### **CLASSES / EVENTS**

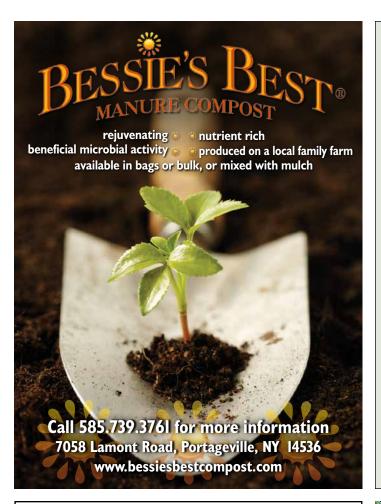
#### March 22-26: Boston Flower & Garden Show.

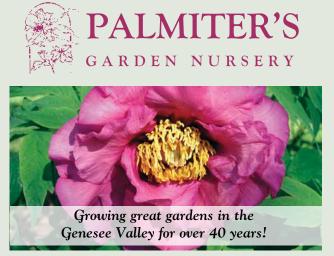
Superheroes of the Garden. Display gardens, lectures, demonstrations, competitions, vendors. Seaport World Trade Center, Boston, MA. bostonflowershow. com.

March 24–26: Capital District Garden & Flower Show, Friday, 10am–8pm; Saturday, 9am–7pm; Sunday, 10am–5pm. Full-scale display gardens, over 100 floral exhibits, hourly lectures & cooking demonstrations, outdoor living & garden-themed retail exhibits, wine tastings. Hudson Valley Community College, 80 Vandenburgh Avenue (Route 4), Troy, NY. gardenandflowershow.com.

Deadline for Calendar Listings for the next issue (May-June 2017) is Friday, April 14, 2017. Please send your submissions to deb@upstategardenersjournal.com.







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# How Trees Respond to Water



**ABOVE:** Droughted dogwood. Photo courtesy Jerry Giordano, CCE Westchester County.

n Upstate New York we have learned to expect the unexpected when it comes to weather. Many times it's the mildest of winters, other times it's the summer with no sun. This time, we are talking about the drought of 2016. We had higher than average temperatures, but not unbearable. The real issue was the staggering lack of rainfall, it seemed as though it would never end.

Trees are complex plants, and through evolution, species have adapted to conditions present in their respective zones. This does not make them invincible. The urban landscape can be unforgiving, full of multiple stresses. It would be foolish to think we, as humans, could alleviate all stress on trees and shrubs. There are, however, quite a few things we can do to lessen their effects.

Let's first discuss the importance of water and how too much or too little can matter. We need water, plants need water; it is a critical component of life. Trees and shrubs use water for transpiration, moving from the smallest roots, through the trunk or stem, and out through the leaves. Along the way, its used to build and

protect plant tissues, and through photosynthesis in the leaves, it is converted into the air we breathe. The essential nutrients in the soil can only be accessed with adequate moisture. These nutrients are then shuttled up the plant along the water columns to areas where they are required. Water is even used to move the carbohydrates synthesized within the leaves. This may all seem redundant and obvious to plant lovers, but it deserves repeating every now and then.

There is such a thing as too much water. Yes, yes there is. In many cases, too much water causes quicker and more terminal injury to trees and shrubs. All species tolerate saturated soils in different ways. Read planting labels when choosing plants for wet or dry areas. Some trees can tolerate wetter conditions, such as some birches and willows. These same locations would mean certain death for most evergreens. Also, keep

in mind that soil conditions can change; new development greatly changes drainage. This has led to many clumps of spruce in backyards to drown.

How can plants drown? Good soil structure requires adequate pore space for air as well as water. Supersaturated soils have their pore space filled with water rather than air; conditions become anaerobic, transpiration ceases and roots rot. Another factor is the soil itself, whether it is sand, loam, or clay. Soils are typically some combination of these. Sandy soils are well drained and those with clay often retain water.

Back to the matter at hand though: the drought. We have discussed how water is important. What happens to plants when water is scarce? Over time, trees have adapted to cyclic rain events. They know that typically in our region, soils will be moist in late winter from the melting snow and low temperatures. In spring, during and after bud break, we receive quite a bit of spring rain. They know summer can get hot and dry, they hope for a few thunderstorms now and again. They also expect cooler temps and more

precipitation in the fall. Last year what they knew was thrown out the window. Our winter was mild, our spring was dry, the thunderstorms didn't develop, and on top of that our summer pushed right into fall. This kind of pattern would stress the most established landscapes, not to mention newer plantings, or those under other stresses already.

The responses of plants to these conditions can vary; they can often attempt to protect themselves during these less than favorable situations. Sensing a lack of soil moisture they may slow transpiration through a variety of

methods. Sometimes we see leaf curl, as in the dogwood family that reduces the leaf surface area and slows down transpiration. If water is short during leaf development, very often we see smaller leaves and shoot growth. Some species can regulate their stomata, openings in leaves used in gas exchange. Still others will prematurely drop interior, less important leaves. We saw this a lot in birch species last year. Another coping mechanism may be activation of anchor roots, which tap into moisture reservoirs in the subsoils. . Some of these ideas are relatively new and not well understood, but these adaptations may very well be the basis for success in certain species.

What happens to a plant under drought

stress? Very often we are amazed that trees "seem" unaffected, when the turf has gone into dormancy and been brown for two months. I will tell you that the tree has put on a brave front. They will attempt to mitigate the stress the best they can; they will use up critical energy stores and slow other metabolic processes. This can lead to tissue death within the root system, as well as the vascular system, and into the canopy. The lack of water has weakened their defenses. They are now susceptible to an array of secondary attacks. Insect pests can now penetrate the bark and attack. Boring insects are opportunistic and take full advantage of lone birch trees and pine forests alike. Most fungal pathogens flourish in wet weather. Unfortunately there are some that only attack drought- weakened tissue. Canker diseases are some of the more common drought induced diseases we encounter in plant health care. The fungus lies in wait until the plant becomes so weak it cannot stop the fungus from entering the weakened tissue. Once inside, the plant has little or no defense. This can either lead to dieback

or a very slow death. Under dry conditions, the fibrous roots experience dieback as well. They are now candidates for fungal diseases as well. The scariest part of all this is, we may not see symptoms of the stress created by the drought for a few years. Trees especially can take a long time to fail; we often use the analogy of construction stress. We often take great measures to save mature trees near construction sites, only to see them deteriorate in three to five years.

What can you do? If you are seeing signs of damage, or know that injury has occurred, do whatever you can

to aid in recovery. This will most likely be making sure the planting has adequate water, treating for any insects and disease. Fertilizing a stressed plant may not be the best option, but certainly adding organic mulch would help. If you do fertilize, use a low nitrogen rate fertilizer with a low salt index. You are pretty much attempting to limit as many stresses as possible, and giving the landscape it's best chance to recuperate.

Going forward, it would be best to plan ahead, as this will certainly not be the last dry season we have. Having your entire landscape evaluated is a crucial part to any plant health care program. Knowing which plants have special requirements, or are prone to insect or disease damage, will allow you to prevent problems before they arise. Pay attention to weather patterns

and rainfall in your area. Periodically do a walkthrough checking for changes in leaf color and texture. Check soil moisture and prune dead branches as needed. Look for anything out of the ordinary. Maintain an organic mulch layer under your plants and trees, and water as necessary.

The drought of 2016 was disheartening for all of us plant lovers. We will never be able to prevent the stresses associated with drought, but if we pay attention and take action, we will make a difference. That being said, I'm sure the weather will be perfect this year!

Rob Barrett is the manager of Plant Health Care at Ted Collins Tree and Landscape in Victor, NY.

**INSET:** Black knot canker on cherry.



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story and photos by John Ernst

ne summer during college, I worked as a landscaper at Genesee Valley Park. I savored the chance to work outside. Each day I would drive my Gator through the misty sunrise at 5 a.m., surveying the park and ensuring that all was well before hikers and picnickers arrived. And each day, I marveled at the mighty branches lying on either side of the trail. It was a bitch to mow and weed whack, so other employees let the grass grow, giving it a wild and unkempt appearance. A few weeks into my job I learned it was called the "tree of life," and that it had been struck by lightning, breaking it in half, years before. Feeling an odd sense of connection with the tree, I started taking better care of it.

Years later, my attempt at research on the tree has borne little fruit. Its only online remembrance seem to be a photo gallery on the University of Rochester's website commemorating the tree's life, and a memorial page on Facebook. I learned that it was struck by lightning on July 4, 2010 and before it fell, it looked like a pair of hands opening to the sky. I also learned how genuinely Rochesterians loved it. Both the photo gallery and memorial page highlighted that.

For more information I called the Monroe County Parks office, which referred me to Chris Kirchmaier, Supervisor at Highland Park. He told me that he was actually on the forestry crew that cut down the tree the day after it was struck. "I'm not sure that there is a recorded history," he said, "just a popular tree and a cool structure. Every day I drove by there were four, five, even ten people sitting in it or climbing it." He told me that he's only 36, and that his older co-worker Joe Bernal, the tree crew supervisor, might have more answers for me.

"Well, it's a white oak," Bernal told me when I asked what he knew about the tree. "It had a perfect crotch, probably eight or ten feet up in the air." Frederick Law Olmsted designed Genesee Valley Park in the late nineteenth century, and Bernal figured the Tree of Life predated that. "That would make it over 150 years old, and that wouldn't surprise me," he said. Earlier in his career, Bernal removed tags from the trees Olmsted had planted, but didn't remember the Tree of Life having one. He expressed similar fondness as Kirchmaier had for the fallen tree. "Even when it was busted in half, I tried to keep the character in both sides and moved it down to the path."

**ABOVE:** As it stood in February of 2016.

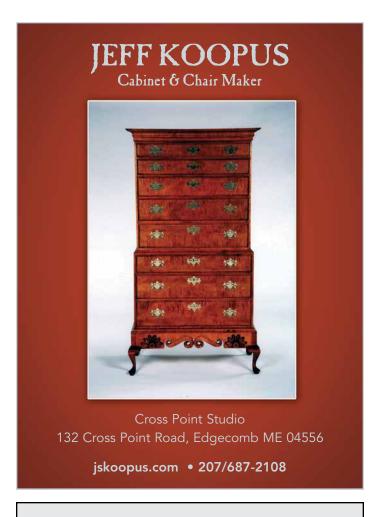
**OPPOSITE:** Tree rings



He said that he'd like to see the tree preserved: "White oak is a wood that lasts," he said. "But if we really wanted it to last, we'd have to lift it off the ground, get the bark off, and maybe coat it with some preservative." As Supervisor, Bernal doesn't have the time to take on a project like that, but hopes somebody does—perhaps a group of volunteers or students from the U of R. "It's something I've always wanted to do," he said before signing off.

I decided to revisit the tree and count the rings myself. I had forgotten how huge it was; heaving it up and preserving it would be no minor task. I set to counting the rings on the stub of a lopped branch. Many were so close together that they were indistinguishable, and the cracks didn't make it any easier to count. I deemed it impossible to record any sound empirical data using this method, but I counted over a hundred rings. Maybe Genesee Valley Park's ancient oak has no recountable history, but the Tree of Life has earned its nickname.

John Ernst is a passionate writer, hiker, and video gamer born and raised in Rochester. He is currently developing his website, nerdofearth.com.



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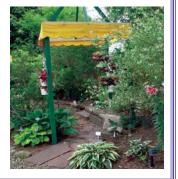
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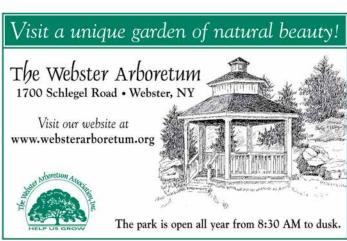
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by Liz Magnanti

ast winter offered some great opportunities to see many of the owl species we have here in Upstate
New York. Owls are birds of prey that are primarily nocturnal. They are characterized by their large, forward-facing eyes, circular flat faces, and sharp beaks and talons.
Owls' eyes are so large that they cannot move them in their sockets. In order to see in all directions, owls have specially adapted vertebrae that allow them to rotate their head 270 degrees.

Although owls will swallow their prey whole, they cannot digest the whole animal. The bones and fur of their prey are regurgitated as "pellets" that can often be found under the tree the owl is using as a roost. Owls are mostly nocturnal, solitary hunters. Their feathers are specialized to minimize the noise they make while flying. If you look at the tips of an owl feather, you will see that they are fringed, which cuts down noise when flying. Owls do not build nests, but instead take over nests and nesting cavities of other birds. During the day you are most likely to see an owl perched in a tree overseeing its hunting grounds.

There are eight different owl species that are commonly found in New York State. Some of these species are migratory and are only around seasonally, while others can be found here year round.

The smallest of the owls found in New York is the saw-whet owl. At seven inches in length, they are about the size of a soda can. Although small, these owls are fierce and dine on mice and other small rodents. Saw-whet owls are migratory, and can be found here in the early spring. They are known to roost in conifer trees and will nest in tree and man-made cavities. When searching for owls, look for their signature droppings, or "whitewash" on the trunk of trees. Usually this is easier to spot and the owl won't be far away.

The eastern screech owl is the most common owl in our area. They can be either gray or brown, but in our area they are most commonly gray. Brown morphs are more common out west where they blend in better with the reddish-colored trees. Screech owls are eight to ten inches in length and will roost during the day in hollow trees or screech owl boxes. You may have head a screech owl and not even known it. Their call sounds like a horse's whinny, not the traditional "hooo."

The barred owl has populations that are expanding nationwide. They are large, with a length up to 24 inches and deep brown eyes. Their brownish-gray coloration gives them great camouflage in old growth forests, where they are most common. Their signature "Who cooks for you? Who cooks for you-all?" call can be heard through forests at night, and sometimes during daylight hours.

Short-eared owls are migratory owls you may find here in the winter. They are most commonly seen in February at dusk flying low over farm fields where they hunt for small mammals. The short-eared owl is one of the most widespread owls you will find and can be found all over the world. Here in New York, however, this bird is endangered due to habitat loss.

Snowy owls have been widespread in our area this winter. Food scarcities bring them south where they hunt for small mammals and birds. These "interruptions," when animals appear in large numbers outside their normal range, happen sporadically some winters. The best places to look for snowy owls are around the lakeshore, where they stop to rest after crossing Lake Ontario, and airports.

Long-eared owls are very secretive and hard to find. They roost high up in evergreen trees and blend in very well with the trunks. These migratory birds are mostly here seasonally, when they pass through in March and April. They rarely nest here but when they do they tend to take over crow nests.

The barn owl is a species rarely found upstate. They will inhabit and nest in barns, as their name implies, but are a more southern species. They tend to prefer an agricultural setting or field, which makes them prone to nesting in barns. Barn owls have pale feathers, long wings, and dark eyes. They are widespread throughout the world but, just as short-eared owls, they are declining due to habitat loss.

Great horned owls are perhaps the most distinct-looking owl we have. With a length of 25 inches and a wingspan of 55 inches, it's no wonder how this owl got its name. Their ear tufts, or "horns," are actually feathers and not ears at all. The call of the great horned owl is five distinct hoots that sound like "You awake? Me too." This large owl is known to attack prey larger than itself and is one of the only natural predators of the bald eagle.

At any time of year you may be lucky enough to have an encounter with one of these amazing birds. The great horned owl nests early in the year and will already have nestlings at this time. Other species do not nest until April or May. As the weather gets warmer, listen for their calls late into the night as they search for mates.

Liz Magnanti is manager of The Bird House in Brighton.

**ABOVE:** Great horned owl. Photo courtesy Flickr: Nigel

# Garden Hose Guards

by Cathy Monrad







### **MATERIALS PER HOSE GUARD**

2 foot piece of ½ inch rebar 1 foot length of ½ inch copper pipe ½ inch copper pipe cap

1 cabinet door knob; type with bolt attached

### **TOOLS**

Scrap wood Pliers Drill and bits Hammer or mallet

- Place pipe cap upside down on scrap wood and hold in place with pliers. Use small drill bit to create a pilot hole. Increase bit size and redrill hole until knob bolt fits.
- 2. Insert knob bolt through cap hole and add nut. Use needle-nose pliers to grasp nut inside cap while turning knob to tighten.
  - 3. Place cap on pipe.
- 4. Pound rebar in the ground with hammer leaving 8 inches visible.
  - 5. Slide finished hose guard over rebar.

Cathy Monrad is the graphic designer and the self-proclaimed garden crafter for the *Upstate Gardners' Journal*.





# "Plantasia Gardens Through the Ages" Seminar Schedule

# March 23-March 26, the Fairgrounds Event Center in Hamburg

### THURSDAY, MARCH 23, 2017

- 11 am: Don't Just Gawk—Learn on Garden
  Walks Connie Oswald Stofko, Publisher of BuffaloNiagaraGardening.com
- Noon: Pruning 101 Steve Sypniewski, CNLP, ISA Certified Arborist; Buffalo State College
- **1 pm: How to Care for Your Lawn** Walt Nelson, Cooperative Extension Monroe County
- 1 pm: (small seminar room) How to Safely Use a Chain Saw – Nate Buckley, For the Love of Trees Company
- **2 pm: Container Gardening** Lyn Chimera, Lessons from Nature
- 2 pm: (small seminar room) Demonstration: How to Make a Terrarium – Kristy Schmitt, Erie County Botanical Gardens
- 3 pm: Ornamental Grass Sharon Webber, CNLP; Horticulture Instructor, Niagara County Community College; Earthlines
- 4 pm: Helping the Honeybees Erin Masterson, Masterson's Garden Center, Inc. & Aquatic Nursery
- **5 pm: Drought: The Killer of Trees** *Brian Sayers*, *Tree Doctor*
- 6 pm: Making Your Landscape Come Alive with a Splash of Color – Dan Robillard – Horticulture Instructor, McKinley High School

## FRIDAY, MARCH 24, 2017

- 11 am: Shade Gardening with Tips, Tricks and Suggestions of What to Use Tim Zimmerman, CNLP, Robert Baker Company
- Noon: Garden for the Caterpillars Dave O'Donnell, Eastern Monarch Butterfly Farm
- 1 pm: Perennials for WNY Gardens, Best Choices & Best Care – Sally Cunningham, CNLP, Author; Lockwood's Greenhouses
- **2 pm: Design Your Own Landscape** Richard Tedeschi, Jacrist Gardening Services, Inc.
- 3 pm: Ken Brown Hour—Horticulture Questions Answered
- 4 pm: Picture Tour of the "Drave's Arboretum" Tom Draves, Draves Tree & Landscape
- 5 pm: How to Identify Emerald Ash Borer and What You Should Do – Tandy Lewis, U.S. Department of Agriculture - APHIS Division
- 6 pm: Victorian Language of Flowers Kristy Schmitt, Erie County Botanical Gardens

### SATURDAY, MARCH 25, 2017

- 11 am: Succulents: Small and Mighty Jackie Albarella, Albarella Media. Channel 2
- Noon: Gardening Through the Ages Dawn Hummel, BeeDazzled Media
- Noon: (small seminar room) A Moment in Time Floral Designs – Dorothy Julius, Along Gardens Path
- 1 pm: The Useful and the Beautiful in the Landscape Nellie Gardener, Flower Fields; Darwin Martin House
- 2 pm: The Ancient Art of Moss Ball Gardening David Clark, Instructor, Buffalo & Erie County Botanical Gardens
- 3 pm: Your Yard (and the Birds and the Bees) Needs Native Plants: How to Choose and Use Them – Sally Cunningham, CNLP, Author; Lockwood's Greenhouse
- 4 pm: Edible Wild Plants Ken Parker, CNLP
- 5 pm: Manipulate Your Landscape to Attract Wildlife Russ Lis, Aquatic Ecology Instructor, McKinley High School
- 6 pm: How to Design a Japanese Garden Matt Smith, CNLP

#### SUNDAY, MARCH 26, 2017

- 10 am: Which Hostas Where Hostas in the Landscape -Mike Shadrack, Smug Creek Gardens
- 11 am: Feng Shui Your Garden Applying Ancient Formulas & Symbols to Modern Gardens – David Clark, Instructor, Buffalo & Erie County Botanical Gardens
- Noon: Making More Plants (Propagation for the Home Gardener) Carol Harlos, Master Gardener
- Noon: (small seminar room) Demonstration—Insects, Diseases & Weeds, Oh My! Household Products Used for Home Remedies – Michael Klepp, CNLP, The Plant Man
- 1 pm: What's that Bug? In Your Garden and in Your House — Tom Mitchell, Horticulture Instructor, Niagara County Community College; Mitchell Landscaping
- 2 pm: Container Gardening—Beyond Thriller, Filler, & Spiller Carolyn Stanko, CNLP, Horticulture Instructor, Niagara County Community College
- 3 pm: New Shrubs and Perennials for 2017 Tim Zimmerman, CNLP, Robert Baker Company

All seminars to take place in the large seminar room unless otherwise noted.

Large seminar room is located to the left of the concession stand

Small seminar room is located to the right of the concession stand



The letters CNLP after a speaker's name indicate that he or she is a Certified Nursery & Landscape Professional







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