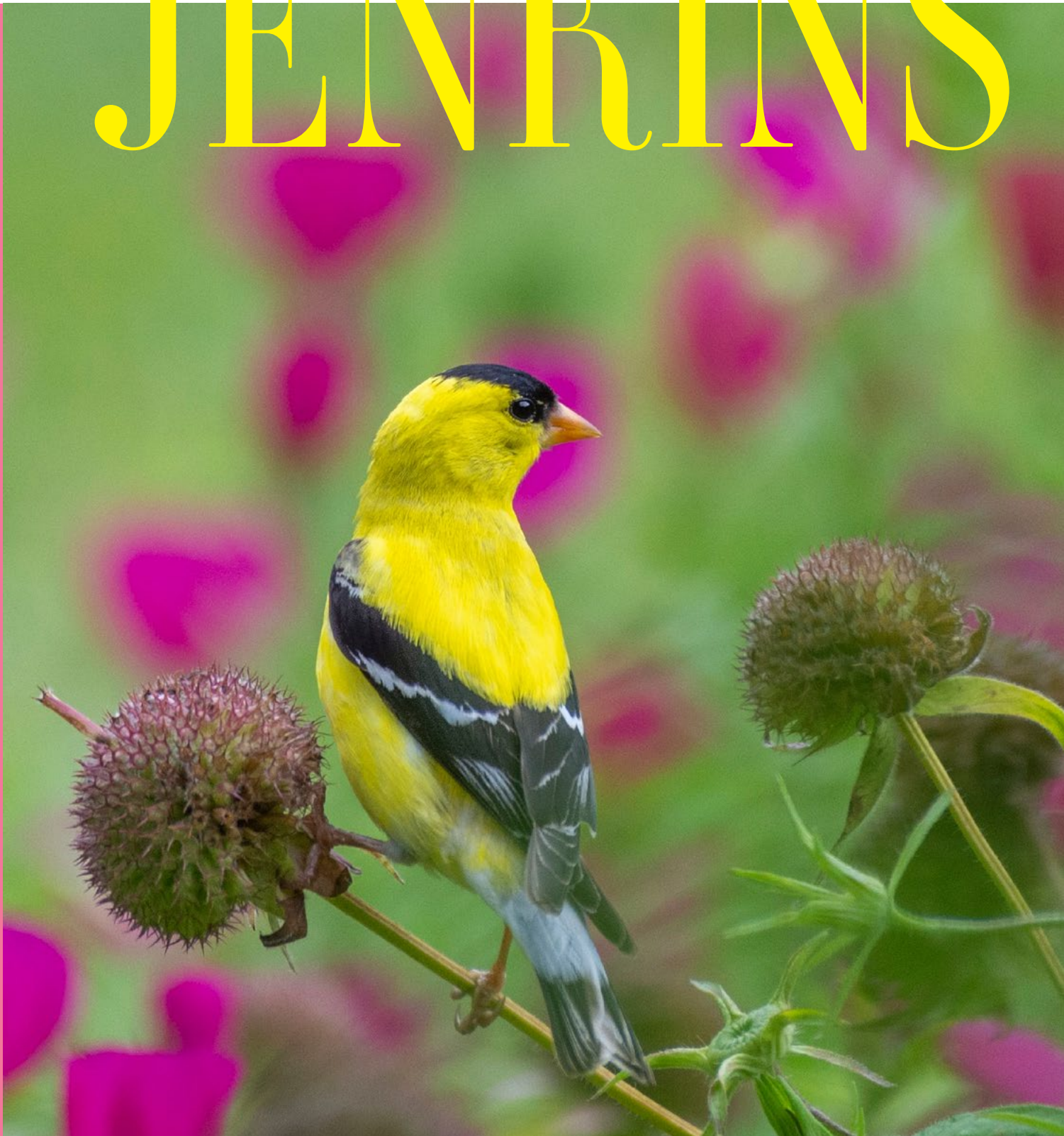




JENKINS



SUMMER + FALL 2022

Semi-annual news, education, and events at Jenkins Arboretum & Gardens





MISSION & VISION

The mission of Jenkins Arboretum & Gardens is to preserve natural tranquil woodlands for community enjoyment, to showcase native plants and a world-class collection of rhododendrons and azaleas, and to promote environmental horticulture through learning, research and conservation.

Our vision as defined by the will of H. Lawrence Jenkins states that Jenkins Arboretum & Gardens is to be developed as a public park, arboretum, and wildlife sanctuary for the use of the public and responsible organizations engaged in the study of arboriculture, horticulture and wildlife, for educational and scientific purposes.

Cover photo:
Liz Pettit

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Laura Ducceschi, Liz Pettit, Chris Swisher and
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**NATIVE GRASSES FOR
YOUR GARDEN**



**THE 10 BEST FRUITING PLANTS TO
SUPPORT MIGRATORY BIRDS**



SUMMER + FALL GARDEN TO-DO

Managing the Challenges from Nature



Dear Jenkins family & friends,

ONE OF THE GREAT PLEASURES for me working in horticulture is the opportunity to work with nature; particularly cultivating combinations of plants in various ecological niches to develop a sustainable and beautiful space.

Jenkins Arboretum & Gardens hosts a range of ecological niches along our sloped hillside from dry to low wet areas. In fact, water could be considered a big part of the garden. Being on a hillside, we find water traveling everywhere. In our public parking lot, we have infiltration systems that were built as part of the construction of the John J. Willaman Education Center to capture runoff and allow it to seep slowly back into the ground. In the garden, much of the rain gets absorbed, percolating the water back into the ground and nourishing the plants. At the bottom of our property there is a small unnamed stream that trickles the length of Devon State Road to Trout Creek. One of our more popular trails, the Stream Walk follows this little stream where we grow plants adapted to lowland wet conditions. However, this area has been impacted by some significant alterations.

Stormwater is formed when excessive rainfall accumulates into an immense high velocity torrent of water that causes extensive erosive soil destruction. We have seen, on average, at least two severe storms each year producing damage to the Jenkins property. In 2020, we had two storms coupled with high winds that took out 60 trees (many around the Pond, opening the

area to more sun) and affected a recourse to the streambed flow. In the fall of 2021, we experienced two storms just two weeks apart that each dumped five inches of rain within a short few hours. The stormwater eroded extensive soil from the banks, endangering loss of collection plants and causing damages to nearby infrastructure.

The environment is beautiful and dynamic. We want to find the ways to garden best within it and manage the climate challenges that may come our way.

We are hearing about similar stormwater damage all through the community. We have been learning and working closely with our Township to better understand the issues and critical needs. At Jenkins, we provide public education programs emphasizing topics related to ecology and sustainable landscaping that include steps to manage climate impacts and stormwater erosion. We were fortunate to receive funding to support an environmental engineering study for our site by Meliora Design. Now completed, this plan contains waterflow data and solutions to mitigate stormwater impacts for the Jenkins property. We hope to start implementing these practices and designs to protect valuable assets, while providing opportunities to demonstrate to our visitors how they can apply such practices to protect their properties.

Always growing,

Tom Smarr
Executive Director

Notes from the Nursery

IN THE EARLY DAYS OF THE PANDEMIC, half-filled grocery shelves and unscheduled weekends inspired homeowners to get their hands dirty. Forced outdoors, many discovered the beauty and tranquility of natural spaces. Simultaneously, the urgent call for ecologically designed and maintained home landscapes attracted mainstream media attention. In this atmosphere, plant sales in The Garden Shop at Jenkins increased dramatically. The volunteers and staff who keep The Garden Shop stocked are thrilled knowing the positive environmental impact these native perennials, shrubs and trees will have in our community.

While keeping up with the demand has been challenging, it has also been exciting. We have ramped up propagation and increased the size and breadth of orders from wholesale nurseries. Last year we brought in additional native azaleas and rhododendron hybrids from local growers to supplement our inventory, and this year we expanded even further, adding small leaf rhododendrons, additional groundcovers, and newly introduced smooth hydrangea cultivars.

The increased demand has not led to a shift in The Garden Shop's focus. We continue to offer:

- ▶ *Plants that grow reliably in our climate.*
- ▶ *Plants that thrive despite regional challenges, such as dry shade and deer pressure.*
- ▶ *Plants that support endangered species and plants that are themselves endangered.*
- ▶ *Plants that impress in botanical garden trials.*
- ▶ *Plants grown from seed as well as cultivars.*
- ▶ *Plants that reflect Jenkins Arboretum & Gardens' mission and collection.*

We also strive to stock plants that align with programming. Early in 2022, Jenkins hosted a lecture about native edible plants. In response, visitors to The Garden Shop this spring found native bramble cultivars including raspberries, blackberries, and black raspberries, as well as highbush blueberries. In the nursery, we are tending persimmons, hazelnuts, 'Pilgrim' cranberries, and 'Ranch' elderberries for future sales. In March, author Doug Tallamy spoke about the importance of oaks in our ecosystem. In response, we potted bare root white oaks that we hope to have ready in time for fall planting season. Though these trees and shrubs are young, they will grow to be the ecological powerhouses our programs promoted, producing edible pollen, nectar, leaves, seeds, nuts, and fruit for wildlife and gardeners alike.

Our hope is that visitors find both the familiar and something new with each visit to The Garden Shop. The inventory in the shop ebbs and flows with the seasons. Ephemerals appear in early spring pop-up plant sales. Azaleas, spring bloomers, and groundcovers fill the shelves on opening weekend in late April. Sun-loving wildflowers and ferns join the inventory in early summer, and trees and shrubs that respond well to fall planting remain for sale into October.

We are grateful for the support The Garden Shop has received over the years and heartily welcome the new crop of gardeners who have discovered the joys of playing with plants. We hope you find inspiration in our gardens and education through our social media, newsletters, and diverse programs.



SHOP WITH US

The Garden Shop

OPEN 9 AM – 4 PM | 7 DAYS A WEEK

Outdoor nursery:

APRIL – OCTOBER

Indoor garden shop:

YEAR-ROUND

Choose from over 300 plants, including evergreen azaleas, deciduous azaleas, small trees, shrubs, houseplants, and numerous perennials for both shade and sun. In addition to landscape plants, shop for gifts, garden tools, books, and children's activities.

Don't forget!

Members receive a 10% discount on all purchases in The Garden Shop.

Questions?

Get in touch by emailing gardenshop@jenkinsarboretum.org.

Native Grasses for Your Garden

GRASSES ARE NOT JUST IN THE LAWN OR A GREEN TUFT ALONG THE ROADSIDE. Grasses are an important part of the ecological structure of many plant communities and provide great aesthetic interest in the garden. There are a wide variety of species that grow in a diversity of shapes, colors, growth habits, and conditions. While not often known for their flowering, some grasses do exhibit great seed heads that add further interest. Including them in the garden will provide habitat and food for a plethora of beneficial wildlife inhabitants.

Grasses are often a general term to describe the three major plant family types of “true” grass (*Poaceae*), sedge (*Cyperaceae*), and rushes (*Juncaceae*). Each are distinguished by a variety of anatomical differences in their flower and stem structures. A popular adage helps remember the differences as, “sedges have edges, and rushes are round, grasses have nodes from their tips to the ground.” Grass and rush stems are typically round or appear flat. Sedge stems can feel angular as silica lines run along the blade edges, giving a sharp feel. Grass stems contain swollen nodes or joints, while sedges and rushes do not.

Grasses are often described as two types that help us understand their seasonal growth—cool season and warm season. Cool season grasses often will actively grow and flower during the cooler temperature seasons, which is typically spring, then slow down as temperatures rise. Warm season grasses often will actively grow and flower during warmer temperatures, typically during the summer season.

Most grasses cultivated for the garden are clump growers and offsets grow outward from the mother plant. Grasses that grow by runners spread erratic distances away from the mother plant with underground stems or roots. These can be viewed as weedy in the cultivated garden setting.

Grasses can be mixed with other flowering perennials for textural interest. In such mixing, color, form and texture can help provide depth interest. The fine foliage of grasses, such as Pennsylvania sedge or prairie dropseed, provide soft texture that can be well matched with the coarser broad leaves of flowering perennial plants. In a meadow environment, grasses grow in a matrix along with flowering perennial plants that support tall stems and flower heads. This relationship can be mimicked in the garden by placing tall perennials adjacent to good companion grasses.

Mass grasses can be used as an effective groundcover, producing a swath or plain effect in the garden. Some gardeners have replaced cut lawns with uncut grass plantings, especially in areas that are not walked on.

We recommend checking out a reliable reference for cultivation requirements. We often find that garden cultivation closely relates to how grasses grow in their natural habitat. Some favorite references are William Cullina's *Native Ferns, Moss, & Grasses* and Rick Darke's *The Encyclopedia of Grasses of Livable Landscapes*, which includes both native and non-native grass descriptions. For a good identification book, check out Ted Elliman and Lauren Brown's *Grasses, Sedges, Rushes: An Identification Guide*.

“Sedges have edges, and rushes are round, grasses have nodes from their tips to the ground.”

Favorite Native Grasses Popular for the Garden

BOTTLEBRUSH GRASS

(*Elymus hystrix*)—A great part shade plant that is often found on woodland edges or open tree gaps. What is fun about this grass is the seed head looks like a bottlebrush.

COMMON RUSH

(*Juncus effuses*)—Common in wet conditions along pond shores or slow-moving creek beds. This rush provides a sturdy clump of dark green, round leaf blades that taper to a point.

INDIAN GRASS

(*Sorghastrum nutans*)—This warm season medium to tall height grass is a great companion planting in the meadow garden. In late season it produces attractive feathery seed heads.

LITTLE BLUESTEM

(*Scizahyrium scoparium*)—Popular for its blueish color foliage, this grass is a nice medium size warm season grower. The native specimens are typically found in dry, poor soil conditions, which will flop over when cultivated. There are now many new cultivars that provide good upright stature for our gardens.

NORTHERN SEA OATS

(*Chasmanthium latifolium*)—An upright medium height grass that grows well in part sun to light shade. The seed heads resemble oats that dance gently in the wind. Be careful, as this grass will seed around to become thick patches.

PRAIRIE DROPSEED

(*Sporobolus heterolepis*)—A full sun grass that grows in a low mound shape with fine textured leaf blades. In the fall the plant diffuses a faint odor that some say smells like cilantro or fresh cut straw.

PURPLE LOVE GRASS

(*Eragrostis spectabilis*)—This unassuming, almost common weedy-looking grass will suddenly explode with a bright fuzzy flush of pink flower plumes later in the season. Often can be spotted along sunny roadsides in well-drained soils.

SEDGES

(*Carex spp.*)—Cool season woodland sedges have become very popular garden plants. A common favorite is Pennsylvania sedge (*Carex pensylvanica*) with fine texture and bright green leaf blades. There are some wider leaf blade sedges that provide interesting textures such as plantain-leaf sedge (*Carex plantaginea*). The wide blades have a folded appearance like that of seersucker fabric. Other species have blueish coloring to their leaf blades.



Plantain-leaf Sedge
(*Carex plantaginea*)

Common Rush
(*Juncus effuses*)



Northern Sea Oats
(*Chasmanthium latifolium*)

WELCOME HAMILTON FELLOW

Liesl Barkman

JUST BEFORE THE HUSTLE AND BUSTLE OF SPRING, we happily welcomed Liesl Barkman to the Horticulture Team at Jenkins. Liesl is a Pennsylvania local, born and raised in Collegeville. Her father, a commercial arborist, taught her about plants and gardening from a young age. She has always been fascinated by each plant's unique growth pattern and the happiness they can bring to a space.

Liesl came to Jenkins with a wealth of knowledge, having earned a Bachelor of Science in Environmental Biology, a Master of Professional Studies in Environmental Science, and a graduate certificate in Environmental Leadership—all from The State University of New York College of Environmental Science and Forestry. While studying the negative and sometimes discouraging impacts of industrial pollution distribution, she found hope in working with plants and wildlife. In one seasonal internship working on wetland remediation, she found the experience of rebuilding habitats very rewarding and loved working outside.

In her free time, Liesl loves to rock climb at indoor gyms (but is learning more about outdoor climbing) and enjoys camping, hiking, canoeing, and woodworking. She, of course, loves to garden and tend to her indoor plants.

Liesl is thrilled to join Jenkins to gain hands-on experience and explore the diverse opportunities offered by the Fellowship. She enjoys the naturalistic feel of Jenkins compared to other large-scale and formal gardens and is excited to see the flowers in full bloom, as well as spot and hear the wide variety of birds. We've very much enjoyed getting to know her at the start of her Fellowship. Be sure to give Liesl a warm welcome if you see her around the garden!



FAREWELL HAMILTON FELLOW

Jacob Summers

EVERY YEAR, Jenkins has to say farewell to one of our Fellows as they embark on the next phase of their career. This year we say goodbye to Jacob Summers who joined us in the very atypical year of 2020. Jacob came to Jenkins when the garden grounds and building were closed to the public and all staff were wearing masks indoors and outdoors.

All the changes and setbacks brought by COVID-19 did little to hold Jacob back from having a robust Fellowship. Jacob was integral to many of Jenkins' projects including two years of ambitious planting, tree removals, and the extensive cleanup from the 2020 derecho storm. The expertise he brought from two years working as a commercial climbing arborist and as a Certified Arborist was invaluable. Jacob also dedicated his time to his Fellow project, a legacy garden dedicated to the hybrid lineage of Holly Springs Azaleas. He diligently cataloged bloom times and available plants before weaving them into a cohesive design, drove hours to Virginia to pick up many of these large plants, and led the installation of over 120 azaleas. This area on Azalea Hill has been completely transformed from a scrubby stand of mapleleaf viburnum and hay-scented fern to a beautiful and restful space, complete with a gorgeous view of the Browning Hillside. We all look forward to seeing it in full bloom next spring!

No article written about Jacob would be complete without mention of mushrooms. Although always interested in fungi, Jacob's

passion for mushrooming flourished here at Jenkins. Learning to identify species at a remarkable rate, Jacob could always be seen with his eyes to the ground looking for the next mushroom. He shared this passion with many others at Jenkins, leading mushroom walks and directing the staff on mushroom log inoculation.

Jacob has left Jenkins to begin a position as an Urban Forestry Technician at Brandywine Urban Forest Consulting in West Chester, where he is excited to begin a career in urban forestry. Although he's moved on to new and exciting endeavors, he plans on coming back to Jenkins to check his best mushrooming spots. He also returned to host the dedication ceremony of the Holly Springs planting where he was joined by members of the Northern Virginia Chapter of the Azalea Society of America.





The Importance of Fall Fruits for Songbirds

HUNDREDS OF SPECIES OF SONGBIRDS migrate to warmer regions of the world for the winter—a task that requires huge amounts of energy. To prepare for their long journey, birds must first bulk up with a high energy diet and find high energy food sources along the way. Luckily, fall-ripening fruits tend to be relatively high in both fat and overall energy (think calories), the two most important factors for selection by migrating birds. Though fat content and overall energy tend to be the most important nutritional factors, other nutritional components also play an important role in migrating bird diets.

Protein is an essential nutrient at any time of the year, but it is especially important during migration as a lack of protein can hinder birds' ability to maintain body mass, which can then require longer layovers

as birds stock back up on nutrients. During the breeding season, most birds consume insects for protein, but as the season comes to an end and there are fewer insects to eat, they must turn to other sources for protein. Unfortunately, the amount of protein in fruit is generally low. This makes plants like American bittersweet and pokeweed quite valuable; despite their low fat and energy levels, both plant species provide a relatively high percentage of protein.

For many bird species, migration is a feat of endurance. Some birds fly twelve hours or more without stopping. This energy-intensive activity is associated with high levels of oxidative stress, damaging muscle tissues at a molecular level. A diet rich in antioxidants, which tends to be highly concentrated in dark-colored berries, appears to reduce

these oxidative stresses and help maintain overall health.

The combination of habitat loss and invasive species dominance in our degraded natural areas has led to a significant decrease in native plant populations and, in-turn, a significant decrease in high-value food sources for birds.

Our avian friends need our help! The table on the opposing page lists 10 native plants that produce high-value fruits for migrating birds. The list is based primarily on the nutritional factors described above and was created after a review of the research cited below. We hope this list is helpful to you as you create your own bird-friendly garden. Remember, diversity is key... plant them all!

The 10 Best Fruiting Plants to Support Migratory Birds

NAME	RATIONALE
ARROWWOOD VIBURNUM <i>Viburnum dentatum</i>	Arrowwood viburnum is perhaps the single most valuable fruit source for migrating birds. The berries contain very high levels of both fat (between 40–50%) and total energy (28.06 kJ/g). They are also loaded with antioxidants and are highly favored by numerous bird species.
VIRGINIA CREEPER <i>Parthenocissus quinquefolia</i>	Virginia creeper berries have a medium fat content (20–25%) but are high in antioxidants and have a very high selection rate by birds.
NORTHERN BAYBERRY <i>Myrica pensylvanica</i>	The fruits of Northern bayberry have the highest fat content of all species researched (50%+), though the type of fat is not easily digestible by most bird species. For the birds that can digest bayberries, it is an extremely valuable source of energy.
POKEWEED <i>Phytolacca americana</i>	Though pokeweed berries are fairly low in fat (2.9%), they are high in carbohydrates (>35%) and protein (5.8%) and have a high selection rate by birds.
AMERICAN BITTERSWEET <i>Celastrus scandens</i>	American bittersweet berries have fairly low energy value (2.6 kJ/g) but they are very high in protein for a fruit (8.6%). If using this species, however, it is important to ensure proper identification as it can easily be confused with the highly invasive Oriental bittersweet.
FLOWERING DOGWOOD <i>Cornus florida</i>	Flowering dogwood berries have a high energy value (21 kJ/g) and have a very high selection rate by birds.
GRAY DOGWOOD <i>Cornus racemosa</i>	Gray dogwood berries have a high fat content (35–40%) and high total energy value (27.16 kJ/g) and are readily eaten by numerous bird species.
BLACK ELDERBERRY <i>Sambucus canadensis</i>	Elderberries are reported to be high in fat (30%+), protein, carbohydrates, and antioxidants and are readily eaten by numerous bird species.
NORTHERN SPICEBUSH <i>Lindera benzoin</i>	Spicebush berries are very high in both fat content (40–50%) and energy value (28.61 kJ/g) and are readily eaten by numerous bird species.
STRAWBERRY BUSH <i>Euonymus americanus</i>	Strawberry bush berries have a very high energy value (26.13 kJ/g) and have a high selection rate by birds.

Nutrient content for fat is "High" if >35% dry wt, "Medium" if between 10–35%, and "Low" if <10%. Energy density is "High" if >21 kJ/g dry wt, "Medium" if between 18–21 kJ/g, and "Low" if <18 kJ/g.

NOTE: All the plants listed here are native to the eastern US. Generally speaking, fruits from non-native plants have lower nutritional value than native plants. This can cause birds to eat until they are full but get very little benefit from it, leading to a variety of health problems. Though there are some non-native plants that provide high value fruits, many have become aggressive invasives, reducing biodiversity in our landscapes and natural areas. It is best to stick with these, and other, native plant species.

Photo credits (clockwise): Liz Pettit, Sharon Torello, Toni Genberg, and Russel Tree Experts.

Summer + Fall Garden To-Do

IT'S SUMMERTIME IN THE GARDEN. Are you feeling overwhelmed with weeds, watering, overgrown plants, or just feeling like the task list got away again? No worries! Getting a good strategy down, even now, can help wrap up some of those tasks through fall and set the pace for next year.

The horticulture team at Jenkins is targeting the same to-dos in the Arboretum as many gardeners are at home. Summer through fall is prime time for pulling weeds. Many times, it seems like a daunting, never-ending and back-breaking task. Here are some methods we follow for weeding to keep on track for upcoming seasons and lessen the strain.

FINDING A FOCUS

Identify and learn about the plant growing where it is not wanted. It may be a preferred plant that is just taking over other areas or a noxious weed that will need more attention and time to get under control. One key component of plant identification is understanding its life cycle.

For example, some weeds are annuals, meaning they complete their life cycle from spring to fall. If annual weeds are prevented

from seeding this year there will be much less, if no, seeds to grow the following season. Purslane (*Portulaca oleracea*) is a summer annual weed commonly found in gardens. This flowers through the summer and produces seed so pull this plant early to keep it from reproducing.

Prioritize the weeds that are in bloom or just starting to bloom. This way efforts can be focused to prevent specific weeds from spreading even more. If it is not in bloom, it can be addressed at another time. Focusing on when weeds are in bloom also aids in finding the plants throughout the garden.

Invasive plants like garlic mustard (*Alliaria petiolata*) are less noticeable when they are just a low mound of leaves in the first year but once the second year plants produce flower stalks, it is much easier to see the two-foot-tall biennial plants.

SAVING BACKS

Only lug out the weeds pulled from the garden if they were in flower. Weeds in flower may still have enough energy to turn to seed so these need to be removed from the area. However, weeds which were not in flower can just be dropped and chopped in place. These will dry out eventually adding back to the organic matter in the soil as they decompose. This method lightens the amount of debris clean-up leaving more energy to continue removing the weeds.

Consider if the weeds really need to be pulled out. Pulling weeds is physically strenuous. An alternative method is cutting the plant back to the ground repeatedly to exhaust the root system while also keeping the plant from producing seeds, eventually reducing the plant's presence in the garden.

Canada thistle (*Cirsium arvense*) is a tough plant to remove from gardens and has been listed as a noxious weed in Pennsylvania. Once a patch is established it can be back-breaking to pull and discouraging when it pops back up in a few days. Pulling this plant may cause more to grow as the broken roots become new plants. Instead of pulling, use tools like hand saws or string trimmers to repeatedly cut patches down to the soil. The rhizomatous root systems will keep pushing out new growth. Cutting back any new growth with diligence and timing may eventually weaken the plant's root system. They will be unable to grow, let alone produce seeds.

Target invasive woody plants later in the fall. While all the native plant leaves are changing colors or dropping, many invasive species will still be green until much later in the season. This makes them an easily identified target, plus the summer weeding is all finished so saving this task helps reduce the burden in the summer. Some invasive woody plants easily seen during this time are burning bush (*Euonymus alatus*), Norway maple (*Acer platanoides*), Japanese barberry (*Berberis thunbergii*), privet (*Ligustrum spp.*) and shrub honeysuckle (*Lonicera spp.* – *L. maackii*, *L. morrowii*, *L. tatarica*, *L. × bella*, *L. standishii*).



Garlic mustard flower buds



EDITING PERENNIALS

Keep aggressive perennials in check. While not exactly weeding, the Horticulture Team at Jenkins spends a good deal of time in the summer and fall garden editing perennials. We pull out sections of perennials which form colonies through their root system. Reducing the size of an assertive perennial colony prevents crowding into adjacent plants and reduces competition in the garden. This creates a neater look and healthier plants. Particularly in the wildflower beds at Jenkins, some perennials are more vigorous spreaders and need to be reduced each year. Some examples are obedient plant (*Physostegia virginiana*), beebalms (*Monarda spp.*) and mountain mints (*Pycnanthemum*

spp.). Our method is to pull the plants from the edges of a patch or any runners which entered another plant's area. Make this a happy problem by sharing these plants with neighbors and friends or planting in other areas. Just remember to select areas where they will have room to spread or can easily be maintained.

ENJOY

No matter how long the task list, always take time to enjoy the garden. The Horticulture Team at Jenkins always enjoys the wildlife while working in the garden, especially uncovering a salamander or spotting a migratory bird for the season. Happy gardening!



SUMMER ART EXHIBITION

From the Ground Up

OIL PAINTINGS AND CLAY WORKS BY
SUZANNE DUPLANTIS

On View:

JUNE 25 – SEPTEMBER 25

*Gallery open daily from
9:00 am – 4:00 pm*

Programs At-a-Glance

● GARDENING & NATURE
● WELLNESS
● ART & PHOTOGRAPHY
● SPECIAL EVENT

● THIRD THURSDAY LECTURE
● SECOND SATURDAY WORKSHOP
● YOUTH PROGRAM

7/1	Arbo-READ-um Kick-Off ALL DAY	7/21	PA's Rare, Threatened, and Endangered Plants and the Unique Habitats They Live In 7:00 – 8:30 PM	8/13	Gemstone Bracelets for Growth & Grounding 10:00 – 11:30 AM OR 12:30 – 2:00 PM
7/6	Wednesday Walkabout 1:00 – 2:00 PM	7/26	Sidewalk Chalk Walk 9:30 AM – 12:00 PM Summer Storytime 10:00 – 10:30 AM	8/17	Discover Tai Chi 9:30 – 10:30 AM Wednesday Walkabout 1:00 – 2:00 PM Art & Mindfulness Workshop 6:00 – 7:30 PM
7/7	Thursday Mindful Yoga (7/7 – 8/11) 6-WEEK SERIES 9:30 – 10:45 AM	7/27	Wednesday Walkabout 1:00 – 2:00 PM Art & Mindfulness Workshop 6:00 – 7:30 PM Arbo-READ-um Author Talk 12:00 – 1:00 PM	8/18	Pennsylvania's Changing Climate 7:00 – 8:30 PM
7/9	Printmaking from Nature 10:00 AM – 12:00 PM Printmaking from Nature for Families (Ages 6+) 1:30 – 3:00 PM	7/29	Pond Photography Workshop: Part I 2-PART SERIES 6:00 – 8:30 PM	8/24	Wednesday Walkabout 1:00 – 2:00 PM Art & Mindfulness Workshop 6:00 – 7:30 PM
7/11	Bird Walk 8:00 – 9:00 AM Monday Mindful Yoga (7/11 – 8/15) 6-WEEK SERIES 6:00 – 7:15 PM	7/30	Pond Photography Workshop: Part II 8:00 AM – 1:00 PM Moth Night 8:30 – 10:30 PM	8/31	Wednesday Walkabout 1:00 – 2:00 PM
7/12	Sidewalk Chalk Walk 9:30 AM – 12:00 PM Summer Storytime 10:00 – 10:30 AM	8/2	Summer Storytime 10:00 – 10:30 AM	9/6	Botanical Observations: Autumn Objects of Field & Forest (9/6 – 11/1) 8-WEEK SERIES 6:30 – 8:30 PM
7/13	Wednesday Walkabout 1:00 – 2:00 PM Bird Walk for Families (Ages 6+) 6:00 – 6:45 PM	8/3	Wednesday Walkabout 1:00 – 2:00 PM Art & Mindfulness Workshop 6:00 – 7:30 PM	9/7	Wednesday Walkabout 1:00 – 2:00 PM
7/14	Children's Yoga at the Garden (7/14 – 8/4) 4-WEEK SERIES (AGES 2-3) 9:30 – 10:15 AM (AGES 4-6) 10:30 – 11:15 AM	8/4	Five Easy Steps for Home Composting 6:30 – 8:00 PM	9/8	Thursday Mindful Yoga (9/8 – 10/13) 6-WEEK SERIES 9:30 – 10:45 AM
7/19	Summer Storytime 10:00 – 10:30 AM	8/9	Sidewalk Chalk Walk 9:30 AM – 12:00 PM Summer Storytime 10:00 – 10:30 AM	9/10	A Celebration of Color Art Workshop 10:00 AM – 12:00 PM
7/20	Discover Tai Chi 9:30 – 10:30 AM Wednesday Walkabout 1:00 – 2:00 PM Art & Mindfulness Workshop 6:00 – 7:30 PM	8/10	Wednesday Walkabout 1:00 – 2:00 PM Art & Mindfulness Workshop 6:00 – 7:30 PM	9/12	Monday Mindful Yoga (9/12 – 10/17) 6-WEEK SERIES 6:00 – 7:15 PM
				9/13	Jenkins Juniors (9/13 – 10/11) 5-WEEK SERIES AGES 2-4 10:00 – 11:00 AM
				9/14	Wednesday Walkabout 1:00 – 2:00 PM

9/15	Children's Yoga at the Garden (9/15 – 10/6) 4-WEEK SERIES AGES 2-3 9:30 – 10:15 AM Native Grasses for Your Garden 7:00 – 8:30 PM	10/18	Jenkins Juniors (10/18 – 11/15) 5-WEEK SERIES AGES 2-4 10:00 – 11:00 AM	11/13	Plan & Plant 1:00 – 3:00 PM
9/17	Photo Walk 9:00 – 11:00 AM	10/19	Wednesday Walkabout 1:00 – 2:00 PM	11/16	Wednesday Walkabout 1:00 – 2:00 PM
9/18	Hold Your Ground! Reducing Soil Erosion with Native Plants 2:00 – 3:00 PM	10/20	Thursday Mindful Yoga (10/20 – 12/1) 6-WEEK SERIES 9:30 – 10:45 AM The Forest Pests & Firewood Connection 7:00 – 8:30 PM	11/17	Owls of the Mid-Atlantic States 7:00 – 8:30 PM
9/21	Tai Chi (9/21 – 10/26) 6-WEEK SERIES 9:30 – 10:30 AM Wednesday Walkabout 1:00 – 2:00 PM	10/22	The Art and Science of Leaves (Ages 6+) 1:30 – 3:00 PM	11/19	Photo Walk 9:00 – 11:00 AM
9/28	Wednesday Walkabout 1:00 – 2:00 PM	10/24	Monday Mindful Yoga (10/24 – 11/28) 6-WEEK SERIES 6:00 – 7:15 PM	11/23	Gratitude Practice: Yoga & Meditation 9:30 – 11:00 AM
10/5	Wednesday Walkabout 1:00 – 2:00 PM	10/26	Wednesday Walkabout 1:00 – 2:00 PM	12/3	Holiday Greens Wreath Workshop 10:00 AM – 12:00 PM OR 1:00 – 3:00 PM
10/8	Fall Florals Centerpiece 10:00 – 11:30 AM OR 12:30 – 2:00 PM	11/2	Wednesday Walkabout 1:00 – 2:00 PM	12/5	Monday Mindful Yoga (12/5 – 12/19) 3-WEEK SERIES 6:00 – 7:15 PM
10/12	Wednesday Walkabout 1:00 – 2:00 PM Bird Walk for Families (Ages 6+) 5:00 – 5:45 PM	11/4	Fall Color Photography Workshop: Part I 6:00 – 8:30 PM	12/8	Thursday Mindful Yoga (12/8 – 12/22) 3-WEEK SERIES 9:30 – 10:45 AM
10/15	Photo Walk 9:00 – 11:00 AM	11/5	Fall Color Photography Workshop: Part II 8:00 AM – 1:00 PM	12/9	Winter Luminary Nights 5:00 – 8:00 PM
10/16	Designing a Fall Sketchbook 1:00 – 3:00 PM	11/6	Hamilton Educational Fellowship Symposium 2:00 – 3:30 PM	12/10	Winter Luminary Nights 5:00 – 8:00 PM
10/17	Bird Walk 8:00 – 9:00 AM	11/9	Wednesday Walkabout 1:00 – 2:00 PM	12/11	Winter Luminary Nights 5:00 – 8:00 PM
		11/12	Macramé Workshop 10:00 AM – 12:00 PM	12/15	Celebrating the Seasons of a Pennsylvania Garden 7:00 – 8:30 PM
				12/17	Photo Walk 9:00 – 11:00 AM

To register for programs + events and for more info, visit
JAGardens.eventbrite.com



SPECIAL EVENTS

FRIDAY, JULY 1 – THURSDAY, AUGUST 18

2022 Arbo-READ-um Events

Join Tredyffrin Public Library and Jenkins Arboretum & Gardens for our 2nd annual Arbo-READ-um Community Read Events. During Arbo-READ-um, we provide opportunities to promote literacy and community conversations in Tredyffrin Township.

July 1 through August 18, join us in reading *Under the Sky We Make* by Kimberly Nicholas, PhD and discussing the climate crisis and climate solutions.

FRIDAY, JULY 1

Arbo-READ-um Kick-Off

Begin logging your reading journey of *Under the Sky We Make*. Register on Tredyffrin Public Library's Beanstack to enter in for a drawing for a physical copy of the book.

WEDNESDAY, JULY 27

Under the Sky We Make Author Talk

12:00 – 1:00 PM

Join us for a Zoom presentation and Q&A session with author Dr. Kimberly Nicholas.

Free of charge | Virtual event

THURSDAY, AUGUST 18

Pennsylvania's Changing Climate

7:00 – 8:30 PM

See page 18 for program description.

Free of charge | Virtual event

SUNDAY, NOVEMBER 6

Hamilton Educational Fellowship Symposium

2:00 – 3:30 PM

Presented by current and former Hamilton Educational Fellows

The Hamilton Educational Fellowship provides an immersive learning experience in the unparalleled setting of Jenkins Arboretum & Gardens. Join us to explore this well-respected program and discover more about the specialized projects of the current Fellows. Hear from a former Fellow about their journey and how the skills and knowledge acquired during the program benefited them in their career path. There will be time at the end for a panel Q&A.

Free of charge | Virtual event

GARDENING & NATURE

WEDNESDAYS, JULY 6 – NOVEMBER 16

Wednesday Walkabouts

1:00 – 2:00 PM

Led by Jenkins Arboretum & Gardens Staff

Join us on Wednesday afternoons this summer and fall as we celebrate the change of seasons. Jenkins' staff will lead you on in-person tours through the garden featuring our robust botanical collections. Each week will have a different focus depending on the seasonal landscape and the staff leader. Topics could include summer wildflowers, pollinators, fruits & berries, fall foliage, or native trees and shrubs. Get outside and discover Jenkins with us!

Free of charge

MONDAYS, JULY 11 & OCTOBER 17

Bird Walks

8:00 – 9:00 AM

Led by Bonnie Witmer, Birder and Visitor Services Associate, Jenkins Arboretum & Gardens

Join us for birding with Bonnie! Enjoy early access to Jenkins during summer breeding and fall migration. Explore various habitats including woodland, pond edge and stream-side paths. Discover the GISS method to identify our feathered friends by recognizing the general impression, size, and shape of birds. Participants will learn to use their eyes, ears, and binoculars to find birds and other wildlife. Bring binoculars if you have them. Dress for the weather and wear comfortable shoes with good traction. Rain or shine.

Members: \$8/walk | Non-Members: \$12/walk

SATURDAY, JULY 30

Moth Night

8:30 – 10:30 PM

Presented by Barb Elliot, Co-Director, Backyards for Nature Program of the Valley Forge Audubon Society

Discover the diversity of moths and the fun of “nothing” during this evening exploration! Join us to celebrate National Moth Week (July 23 – 31) with local moth enthusiasts Barb Elliot and Sheryl Johnson. Learn all about moths with an indoor presentation, then head outdoors to a light station to see what we can attract for close-up viewing. Bring a flashlight or headlamp.

Inclement weather date: Sunday, July 31.

Members: \$10 | Non-Members: \$15

Special Event

Winter Luminary Nights



FRIDAY, DECEMBER 9 – SUNDAY, DECEMBER 11

5:00 – 8:00 PM

As the days grow shorter, we invite you to join us at Jenkins for an evening celebration of winter light. The Arboretum will be aglow with luminary-lined paths and the warmth of friends and neighbors. A family-friendly event, not to be missed!

More event information to come.

SUNDAY, SEPTEMBER 18

Hold Your Ground! Reducing Soil Erosion with Native Plants

2:00 – 3:00 PM

Presented by Steve Wright, Director of Horticulture/Curator, Jenkins Arboretum & Gardens

Erosion can be a big challenge for many homeowners. Join Steve Wright for an indoor presentation exploring botanical solutions to help reduce soil erosion on your property, as he introduces you to several native plant species that will help hold your ground.

Members: \$20 | Non-Members: \$30

SUNDAY, NOVEMBER 13

Plan & Plant

1:00 – 3:00 PM

Presented by Karen Miller, Head Horticulturist, Jenkins Arboretum & Gardens

Are you a home gardener with questions? Join Karen Miller to gain a deeper understanding of your landscape in order to have a healthy, successful garden. Key aspects which influence a landscape include sunlight, soil types, moisture, space considerations, and more. These all aid in selecting the right plants for the right location. Explore the various parts of a garden and learn tips on how to create a landscape plan for your own garden.

Members: \$25 | Non-Members: \$35

SATURDAY, DECEMBER 3

Holiday Greens Wreath Workshop

10:00 AM – 12:00 PM OR 1:00 – 3:00 PM

Presented by Jenkins Arboretum & Gardens Staff

Add some creative natural beauty to your holidays by making your own festive wreath. Jenkins staff will guide you through the process of creating a wreath using fresh greens from our garden. Gain inspiration from our massive holiday wreath, which will be on display starting December 2. All materials provided including a wreath frame, greens, natural accents, and ribbon.

Members: \$35 | Non-Members: \$45

THIRD THURSDAY LECTURES

THURSDAY, JULY 21

PA's Rare, Threatened, and Endangered Plants and the Unique Habitats They Live In

7:00 – 8:30 PM

Presented by Cheyenne Moore, Plant Conservation Network Coordinator, Pennsylvania Department of Conservation and Natural Resources

Pennsylvania is home to over 3,000 plant species, including hundreds of rare, threatened, and endangered species. Explore how we determine what species fit into each of those categories. Many of Pennsylvania's rare, threatened, and endangered species are associated with specialized habitats like waterways, rocky slopes, or wetlands that aren't that common in the state. Join Cheyenne Moore to discover some of the state's unique habitat types and the rare plants that live in them.

Free of charge | Virtual event

THURSDAY, AUGUST 18

Pennsylvania's Changing Climate

7:00 – 8:30 PM

Presented by Kyle Imhoff, PA State Climatologist

Join Kyle Imhoff to explore Pennsylvania's observed historical trends in weather patterns and extreme events, as well as future projections of the changing climate's impacts on the state and region. This talk will also provide a brief overview of climate change science from a global perspective and discussion of science communication—from successes and failures to public perceptions of climate change.

Free of charge | Virtual event

THURSDAY, SEPTEMBER 15

Native Grasses for Your Garden

7:00 – 8:30 PM

Presented by Tom Smarr, Executive Director, Jenkins Arboretum & Gardens

Grasses are not just in the lawn or a green tuft along the roadside. Grasses are an important part of the ecological structure of many plant communities, and provide aesthetic interest in the garden. There are a wide variety of native species that grow in a spectrum of conditions with a diversity of shapes, colors, and growth habits. Join Tom Smarr to learn more about great species, selection, and design combinations of how to use native grasses in your own garden.

Free of charge | Virtual event

Gardening & Nature

Five Easy Steps for Home Composting



THURSDAY, AUGUST 4

6:30 – 8:00 PM

Presented by Colleen Falicki, Founder, Back to Earth Compost Crew

Everyone can compost! Composting keeps food waste out of landfills and promotes healthy garden soil. If you have thought about composting but didn't know how to begin, or if you tried but were unsuccessful, join us to learn the basics and get your questions answered. No backyard needed! Colleen is passionate about the role of composting and regenerative agriculture in addressing climate change—come take this step to reduce your carbon footprint. Participants will take home their own GEOBIN Composter.

Members: \$45 | Non-Members: \$55

THURSDAY, OCTOBER 20

The Forest Pests & Firewood Connection

7:00 – 8:30 PM

Presented by Leigh Greenwood, Forest Health Program Director, The Nature Conservancy

Forests across all of North America are increasingly impacted by invasive insects and diseases like emerald ash borer and spotted lanternfly. Forest health expert Leigh Greenwood will take a global approach to describing what can (and maybe already has!) become a problem in your own backyard. Learn how new infestations expand—often through seemingly unrelated issues like firewood transport and holiday floral arrangements—and how you can advocate and act to protect your own favorite places.

Free of charge | Virtual event

THURSDAY, NOVEMBER 17

Owls of the Mid-Atlantic States

7:00 – 8:30 PM

Presented by Jim White, Senior Fellow for Land and Biodiversity Management, Delaware Nature Society

From early human cultures to modern birders, owls have always held our fascination. Join naturalist and photographer Jim White to explore the fascinating natural history of the owls of the Mid-Atlantic. Explore the habits and habitats of the eight species of owls that can be found in our area. Learn how to identify them by sight and sound and where to observe our common and not-so-common species.

Free of charge | Virtual event

THURSDAY, DECEMBER 15

Celebrating the Seasons of a Pennsylvania Garden

7:00 – 8:30 PM

Presented by Donald Pell, Owner, Donald Pell Gardens

In 2008, designer Donald Pell set out to establish a garden where he could explore, learn and teach. This led him to purchase a 14-acre historic farm in Chester County, Pennsylvania, which he has been systematically converting to gardens ever since. These gardens began as highly competitive and stable warm season blocks that had gravitas late in the season and have evolved into more intermingled plant communities of cool and warm season layers that add resiliency and depth to the plantings. Explore the beauty of our seasonal landscape and what has and hasn't functioned at the studio garden, as well as clients' gardens.

Free of charge | Virtual event

SECOND SATURDAY WORKSHOPS

SATURDAY, JULY 9

Printmaking From Nature

10:00 AM – 12:00 PM

Presented by Bonnie Witmer, Artist and Visitor Services Associate, Jenkins Arboretum & Gardens

In this nature-based art workshop, we will focus on printing with flowers, leaves, and stems from the gardens, using ink to print on rice paper. No previous experience is necessary to achieve lovely results with this hand printing monoprint technique! We will pay attention to the forms and patterns of nature while you create your own unique prints. Participants can complete several projects. All materials provided.

Members: \$45 | Non-Members: \$55

SATURDAY, AUGUST 13

Gemstone Bracelets for Growth & Grounding

10:00 – 11:30 AM OR 12:30 – 2:00 PM

Presented by Jessica O'Connell, Owner, Beads of a Feather

Like the gardenia and Sacred Lotus, establish your roots and grow from the foundation you have cultivated this summer. Most feel they are at their best when the sun is warm and the days are long. Carry that energy into the seasons ahead by creating a bracelet totem of your own using crystals that encourage growth, grounding and wellness. Soak in and surrender to a time of reflection through guided meditation and creativity as you indulge in an array of all-natural gemstones. Participants will make one bracelet. Suitable for adults and teens.

Members: \$40 | Non-Members: \$50

SATURDAY, SEPTEMBER 10

A Celebration of Color Art Workshop

10:00 AM – 12:00 PM

Presented by Nicola Loughlin, Owner and Artist, Entwined-Action

Inspired by artists such as Jen Stark and Isaac Abrams, this workshop aims to promote a love of color and acts as a general mood booster for the soul! Exploring creative play with a focus on mindfulness, join Nicola Loughlin to create unique artwork using ink, watercolor and drawing tools as you explore exquisite forms and elements found in nature. A fun workshop suitable for all levels—no art experience necessary. All materials provided.

Members: \$30 | Non-Members: \$40

SATURDAY, OCTOBER 8

Fall Florals Centerpiece

10:00 – 11:30 AM OR 12:30 – 2:00 PM

Presented by Jenkins Arboretum & Gardens Staff

Bring beautiful blooms indoors this fall! Join us for a hands-on workshop to create your own seasonal masterpiece. Play with colors and textures as you arrange your centerpiece with flowers and foliage. All materials provided—just bring your creativity!

Members: \$35 | Non-Members: \$45

SATURDAY, NOVEMBER 12

Macramé Workshop

10:00 AM – 12:00 PM

*Presented by Tara Spears, Curatorial Assistant,
Jenkins Arboretum & Gardens*

Come enjoy a morning of knot tying! Join Tara Spears to discover the fun and beauty of macramé and learn a few basic knots to make a plant hanger. Participants are welcome to bring along any plant, special pot, small terrarium, or vase to incorporate into their design. Houseplants will be available for sale at Jenkins in The Garden Shop. All macramé materials are provided and all skill levels are welcome.

Members: \$30 | Non-Members: \$40

WELLNESS

MONDAY & THURSDAY SERIES

Mindful Yoga

MONDAYS | 6:00 – 7:15 PM

6-week series: 7/11 – 8/15, 9/12 – 10/17, 10/24 – 11/28

3-week series: 12/5 – 12/19

THURSDAYS | 9:30 – 10:45 AM

6-week series: 7/7 – 8/11, 9/8 – 10/13, 10/20 – 12/1

(no class 11/24)

3-week series: 12/8 – 12/22

Presented by Janet Muti, Yoga Instructor

Throughout our busy and often stressful lives, take time to practice Mindful Hatha Yoga. Our practice will consist of gentle stretching and strengthening exercises done slowly with moment-to-moment awareness of breath and sensations that arise as we move from pose to pose. All levels welcome; modifications and variations will be offered. Participants may find yoga blocks and straps beneficial for your practice.

The location of Mindful Yoga classes will be determined before the start of each series—indoor in-person and/or virtual options.

Members: \$72/6-week series, \$36/3-week series

Non-Members: \$102/6-week series, \$51/3-week series

WEDNESDAYS, JULY 20 & AUGUST 17

Discover Tai Chi

9:30 – 10:30 AM

Presented by Aimée Alegría Barry, Centaur Tai Chi

Join us for an introduction to the ancient practice of Tai Chi. Tai Chi is a soft-style martial art and is composed of slow, deliberate movements, meditation, and deep breathing to enhance physical health and emotional well-being. The beauty of Jenkins will create an inspirational backdrop to practice and work on the form.

All levels welcome. Classes will be held outdoors with an indoor option available for inclement weather.

Members: \$12/class | Non-Members: \$18/class

WEDNESDAYS, SEPTEMBER 21 – OCTOBER 26

Tai Chi

9:30 – 10:30 AM

Presented by Aimée Alegría Barry, Centaur Tai Chi

Tai Chi, a series of postures done slowly, promotes balance, flexibility, and strength. While teaching the Tai Chi form, Aimée Alegría Barry introduces the yin and yang principles that underlie this martial art. Tai Chi is known as a soft martial art because it emphasizes a calm mind and relaxed body. The beauty of Jenkins will create a peaceful backdrop for your practice.

All levels welcome. Classes will be held outdoors with an indoor option available for inclement weather.

Members: \$72/series | Non-Members: \$102/series

WEDNESDAY, NOVEMBER 23

Gratitude Practice: Yoga & Meditation

9:30 – 11:00 AM

Presented by Janet Muti, Yoga Instructor

Take time to be thankful with a rejuvenating morning practice! Discover ways to express gratitude in your life, as well as on the mat. Begin with a brief meditation, transition through a series of yoga poses and bring it all together with a longer meditation at the end.

All levels are welcome. Modifications and variations are always offered. Our Gratitude Practice will be held virtually.

Members: \$20 | Non-Members: \$30

ART & PHOTOGRAPHY

WEDNESDAYS, JULY 20, 27, AUG. 3, 10, 17, 24

Art & Mindfulness Workshops

6:00 – 7:30 PM

*Presented by Nicola Loughlin, Owner and Artist,
Entwined-Action*

Creatively unwind through art with this Art & Mindfulness Workshop! Join Nicola Loughlin to explore different techniques and processes through a range of inspirational & fun concepts. From felt tip and ink to clay and watercolor, there's always something new to try amid the tranquil surroundings at Jenkins Arboretum & Gardens. Learn techniques that last far beyond the program and give you a creative outlet that instill a wonderful sense of Zen into your life.

A fantastic opportunity to dabble in multimedia, without any experience necessary! This intimate class is open for newcomers to pop along and try out different forms of art each week. All materials included.

Members: \$30/class | Non-Members: \$35/class

FRIDAY, JULY 29 – SATURDAY, JULY 30

Pond Photography Workshop

7/29 | 6:00 – 8:30 PM

7/30 | 8:00 AM – 1:00 PM

Presented by Laura Ducceschi, Fine Art Photographer

The Pond at Jenkins is a showstopper in the summer! From wildlife to bold flowers and leaf textures, the Pond provides the perfect opportunity to learn and practice skills for creating both landscape and close-up images. Award-winning photographer Laura Ducceschi will illustrate some of the challenges and solutions when photographing water, including lighting, angles, composition, and layering. Friday evening begins with indoor instruction, preparing for shooting down at the Pond with exclusive access on Saturday morning. The class will wrap up with a chance to share images from the morning.

Participants need to bring their own camera with which they have some familiarity. Cameras with interchangeable lenses will have the features needed to take full advantage of the class. Bring a fully charged battery and a camera card with space to shoot freely. Tripods are recommended. Some activities are not applicable to point-and-shoot cameras.

Members: \$70 | Non-Members: \$80

TUESDAYS, SEPTEMBER 6 – NOVEMBER 1

Botanical Observations: Autumn Objects of Field and Forest

6:30 – 8:30 PM

8-week virtual series (no class 10/18)

Presented by Margaret Saylor, Botanical Artist and Illustrator

Let's take a closer look at some of the wonderful natural elements that make up our autumn outdoor world! Join Margaret Saylor virtually to draw (or paint) a new specimen each week. Not only will you learn about that week's botanical theme, but you'll see how these subjects fit into the broader realm of contemporary botanical art. Themes will include: flowers, fungi, moss, lichens, leaves, seed pods, gourds, and fir trees.

All levels welcome; some drawing experience helpful but not necessary. A recommended materials list is available for review prior to registration.

Members: \$175 | Non-Members: \$200

SATURDAYS, SEPT. 17, OCT. 15, NOV. 19, DEC. 17

Photo Walks

9:00 – 11:00 AM

Presented by Laura Ducceschi, Fine Art Photographer

Join us to shoot the season! Award-winning photographer Laura Ducceschi will be your mentor and guide for these monthly small group sessions. Stroll the gardens and photograph what inspires you while learning various compositional and technical options on the spot.

Participants will need to bring a camera, a fully charged battery, and a camera card with space to shoot freely. Photographers with any kind of camera can benefit, but DSLRs are recommended.

Rain dates: Third Sundays, 9/18, 10/16, 11/20 & 12/18.

Members: \$15/walk | Non-Members: \$20/walk

SUNDAY, OCTOBER 16

Designing a Fall Sketchbook

1:00 – 3:00 PM

Presented by Margaret Saylor, Botanical Artist and Illustrator

Botanical art draws together art and science. What better way to become familiar with our Pennsylvania plants than by beginning a sketchbook? Join Margaret Saylor to explore basic botanical art techniques, view different approaches to making a sketchbook, and take a walk around the gardens at Jenkins. We'll reconvene to share observations and our work. A great way to start that sketchbook you have always wanted to create!

All levels welcome. A recommended materials list is available for review prior to registration.

Members: \$30 | Non-Members: \$40

Art & Photography

Fall Color Photography Workshop

FRIDAY, NOVEMBER 4 | 6:00 – 8:30 PM

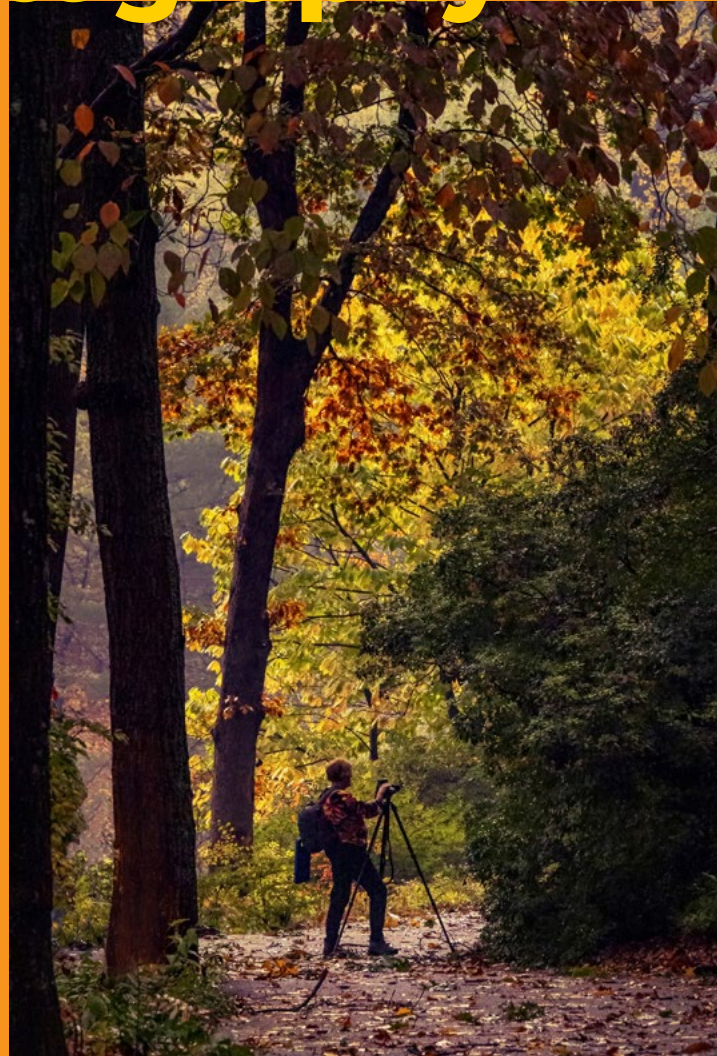
SATURDAY, NOVEMBER 5 | 8:00 AM – 1:00 PM

Presented by Laura Ducceschi, Fine Art Photographer

Do you love fall foliage but can't seem to get the colors to translate into the perfect photo? Special strategies are needed to enable cameras to capture the rich and saturated tones that take our breath away when in an autumnal setting. Award-winning photographer Laura Ducceschi will illustrate some of the challenges and solutions to creating impactful photographs of fall color, including equipment, camera settings, lighting, and composition. Friday evening begins with indoor instruction, preparing for shooting out in the gardens on Saturday morning. The class will wrap up with a chance to share images from the morning.

Participants need to bring their own camera with which they have some familiarity. Cameras with interchangeable lenses will have the features needed to take full advantage of the class. Bring a fully charged battery and a camera card with space to shoot freely. Tripods are recommended. Some activities are not applicable to point-and-shoot cameras.

Members: \$70 | Non-Members: \$80





Sidewalk Chalk Walks

TUESDAYS, JULY 12, 26, AUGUST 9
9:30 AM – 12:00 PM

Get your creative juices flowing and join us as we draw our way through Jenkins Arboretum & Gardens! Visitors are welcome to use sidewalk chalk to create beautiful nature-related art from the John J. Willaman Education Center down the main path through the garden. Don't miss these special mornings of family fun and endless doodling!

Please check in at the garden entrance before beginning your drawings. Bring your creativity! Chalk will be provided. Children must be accompanied by an adult. All are welcome.

Free of charge

YOUTH PROGRAMS

SATURDAY, JULY 9

Printmaking From Nature for Families (Ages 6+)

1:30 – 3:00 PM

Presented by Bonnie Witmer, Artist and Visitor Services Associate, Jenkins Arboretum & Gardens

In this nature-based art workshop, we will focus on printing with flowers, leaves, and stems from the gardens, using ink to print on rice paper. No previous experience is necessary to achieve lovely results with this hand printing monoprint technique! We will pay attention to the forms and patterns of nature while you create your own unique prints. Participants can complete several projects. All materials provided.

Suitable for ages 6 and up. Children must be accompanied by an adult. Registration required for children only.

Members: \$10 | Non-Members: \$15

TUESDAYS, JULY 12, 19, 26, AUGUST 2, 9

Summer Storytime (All Ages)

10:00 – 10:30 AM

Presented by Jenkins Arboretum & Gardens Staff and Volunteers

Enjoy a nature-themed read aloud in Jenkins' very own secret garden—the Explorer Garden! Enjoy a morning out and learn something new while listening to engaging stories.

All ages welcome; most suitable for ages 3–6. Children must be accompanied by an adult. Rain or shine, indoor space for inclement weather.

Free of charge

WEDNESDAYS, JULY 13, OCTOBER 12

Bird Walks for Families (Ages 6+)

7/13 | 6:00 – 6:45 PM

10/12 | 5:00 – 5:45 PM

Led by Bonnie Witmer, Birder and Visitor Services Associate, Jenkins Arboretum & Gardens

Join us for birding with Bonnie! Explore various habitats at Jenkins like our woodlands and pond edge during summer breeding and fall migration. Discover the GISS method to identify our feathered friends by recognizing the general impression, size, and shape of birds. Participants will learn to use their eyes, ears, and binoculars to find birds and other wildlife. Bring binoculars if you have them. Dress for the weather and wear comfortable shoes with good traction. Rain or shine.

Suitable for ages 6 and up. Children must be accompanied by an adult and registration required for all family members.

Members: \$8/walk | Non-Members: \$12/walk

THURSDAYS, 4-WEEK SERIES

Children's Yoga at the Garden

7/14 – 8/4 | 9:30 – 10:15 AM (AGES 2–3)

7/14 – 8/4 | 10:30 – 11:15 AM (AGES 4–6)

9/15 – 10/6 | 9:30 – 10:15 AM (AGES 2–3)

Presented by Lisa Schwarcz, Yoga Instructor and Pediatric Physical Therapist

Introduce your little one to yoga and its many benefits. We will use stories, imagination, props, and music to engage the children in moving their bodies, exploring their breath and calming their minds. Child-sized yoga mats will be provided. Adults must accompany their children and are encouraged to bring a yoga mat and participate during the classes.

Rain or shine, indoor space for inclement weather. Registration required for children only.

Members: \$48/series | Non-Members: \$56/series

TUESDAYS, 5-WEEK SERIES

Jenkins Juniors (Ages 2–4)

9/13 – 10/11 | 10:00 – 11:00 AM

10/18 – 11/15 | 10:00 – 11:00 AM

Presented by Jenkins Arboretum & Gardens Staff and Volunteers

Let's go exploring—get your little ones outside this fall! Each class will include a story, scenic strolls, and a creative craft. Our activities will encourage children to embrace their sense of wonder, and adults to rekindle theirs. Each week will have a different theme so join us for one or both series!

Suitable for ages 2–4. Children must be walking (no strollers) and must be accompanied by an adult. Registration required for children only. Rain or shine, indoor space for inclement weather.

Members: \$60/series | Non-Members: \$70/series

SATURDAY, OCTOBER 22

The Art & Science of Leaves (Ages 6+)

1:30 – 3:00 PM

*Presented by Amy Mawby and Bonnie Witmer,
Jenkins Arboretum & Gardens*

Join us for fall fun at Jenkins! Head outdoors for a nature walk to explore the season. Discover the science behind why leaves turn color and go on a leaf hunt to look at shapes, textures and autumn splendor. Bring your outdoor inspiration indoors with a fall color sun catcher art project. You won't be-leaf what you'll create!

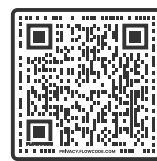
Suitable for ages 6 and up. Children must be accompanied by an adult. Registration required for children only.

Members: \$10 | Non-Members: \$15

Program Registration

REGISTRATION IS REQUIRED FOR ALL PROGRAMS, UNLESS OTHERWISE NOTED.

Please visit JAGardens.eventbrite.com to register. If you have questions about a program or registration, please contact us by emailing programs@jenkinsarboretum.org.



REGISTER ONLINE!

Scan this QR code with your phone's camera to visit our registration page.

CANCELLATIONS

Please inform us of cancellations at least five days before the program. No refund will be issued if cancellation is made less than five days prior to the program start date. Jenkins reserves the rights to cancel any program if necessary. In the case of cancellation by Jenkins, registration fees will be refunded.





B E E G O

Buzz like a bee	Flower that smells good	Pollinating butterfly	Insect you don't know	Spot a pollinator on a sunny day
Shiny metallic bee	Trumpet-shaped flower	Find a plant with 3+ different pollinators visiting	Pollinating wasp	Flap your wings like a butterfly
BIG flower	Pollinating fly	FREE SPACE	Flower of your favorite color	Insect with pollen on it
Pollinating bee	Plant a native plant at home	Zoom as fast as a hummingbird	Milkweed plant	Flower you don't know
Mountain mint plant	Spot a pollinator on a cloudy day	Small flower	Take a picture of a pollinator on a flower	Hummingbird



did you know?

HOW TO PLAY

Cross off a box when you find an item or complete an action.
Can you connect 5 squares in a row (up, down, across, or diagonally)? Show us what you find by tagging us @JAGardens on social media using the hashtag #JenkinsArboretum

1

Since pollinating insects are so busy foraging, they are unlikely to sting you unless they are handled.

2

Plants have adapted flowers of all different shapes, sizes, scents, and colors to attract different kinds of pollinators.

3

In the spring, forests support most pollinators while many trees and ephemeral plants are in bloom. In summer and fall, pollinators leave the woods in favor of the wildflowers of open fields and meadows.

4

Many different insects and animals can be pollinators, like bees, flies, wasps, butterflies, beetles, hummingbirds, and bats.

5

The best way to support and observe pollinators in your yard is by planting native plants!



Become a Member

YOUR SUPPORT PROVIDES:

- ▶ Free admission to all visitors each and every day of the year.
- ▶ Protection and preservation of our native woodlands and flora.
- ▶ A unique sanctuary for all in the community to experience.
- ▶ Educational experiences to promote horticultural and environmental stewardship.
- ▶ Programs, events, classes and activities to share our knowledge.
- ▶ Outreach to grow our community and expand our impact.



MAKE A GIFT ONLINE!

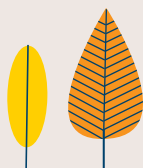
Scan this QR code with your phone's camera
to learn more on our website.

GIFT ANNUITIES AT JENKINS ARBORETUM & GARDENS

A gift annuity through Everence, part of the Mennonite Foundation, is a great way to help Jenkins Arboretum & Gardens while securing your future at the same time. An Everence annuity will provide you with income payments for life, free you from the burden of managing funds that you intend to give away, and will benefit the long-term financial stability of Jenkins. By making a gift of an Everence annuity, you will be joining with dozens of other Legacy Society members and will be invited to special events to honor and recognize your lasting commitment to Jenkins.

To learn more, reach out to us at 610-647-8870 ext.
114 or giving@jenkinsarboretum.org.

Jenkins Arboretum & Gardens has been recognized by the IRS as a 501(c)(3) organization and contributions are deductible as provided by law. The official registration and financial information of Jenkins Arboretum may be obtained from the Pennsylvania Department of State by calling toll free in PA 800-732-0999.



 Please cut along line and return in a #10 envelope.

MEMBERSHIP LEVEL

☐ RENEWAL

☐ Circle of Friends (\$1,000+)

☐ Sustaining (\$500)

☐ Patron (\$250)

☐ NEW MEMBER

☐ Donor (\$100)

☐ Regular (\$50)

☐ I would like to make an additional gift of \$ _____ to the Arboretum

CONTACT INFORMATION

Name/Organization Name _____
(as you wish it to appear in publications)

Spouse/Partner _____

Address _____

City _____ State _____ ZIP _____

Phone* _____

Email _____
(if you wish to receive our e-newsletter)

PAYMENT INFORMATION

☐ Check enclosed (payable to Jenkins Arboretum & Gardens)

Charge my: ☐ VISA ☐ MasterCard ☐ American Express ☐ Discover

Credit Card Number _____

Exp. _____ CVV* _____ ZIP* _____
*required

Amount to be charged \$ _____

Signature* _____

☐ My company's matching gift form is enclosed.

☐ I would like to remain anonymous.

☐ I would like to make a gift to the permanent endowment.

☐ Tribute gift in honor of (Name): _____

☐ Memorial gift in memory of (Name): _____

Name/Address of person/family member to notify regarding your
tribute/memorial gift: _____

Your Name/Address for acknowledgment of tribute/memorial gift:

JENKINS ARBORETUM & GARDENS

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