2013 Plant Sale

Featuring a variety of trees, shrubs, and perennials ideal for growing in Happy Valley, such as hard-to-find Pennsylvania natives, some of the best performers in the H.O. Smith Botanic Gardens, and a few new-to-the-market selections.

Saturday, May 11 and Sunday, May 12
9:00 a.m. to 3:00 p.m.

The Arboretum at Penn State
Corner of Bigler Road & Park Avenue
University Park, PA 16802
arboretum.psu.edu
Pennsylvania Native Plant Society – Native Plant Festival
• Date & Time: Saturday, May 4, 2013 (10:00 a.m. to 3:00 p.m.)
• Native plants for sale, educational programs and resources, food vendors
• Location: Shaver’s Creek Environmental Center (12 miles south of downtown State College, about halfway between State College and Huntingdon)
• Directions to Shaver’s Creek Environmental Center: www.outreach.psu.edu/shaverscreek/index-hours-directions.html
• For a complete schedule of events, list of sponsors, educational opportunities, and vendors, visit: shaverscreek.org/public-programs-and-events/native-plant-fest/

Penn State Extension Master Gardeners of Centre County – Garden Fair & Plant Sale
• Date & Time: Saturday, May 18, 2013 (9:00 a.m. to 3:00 p.m.)
• Perennials, annuals, herbs, houseplants, vegetables, noteworthy plants, pollinator and native plants, and more. There also will be a silent auction, garden-related resale items, and food and beverages for sale. Master Gardeners will be on hand to answer your gardening questions and help you with your shopping.
• Location: Ag Progress Days Site, 2710 West Pine Grove Road, Pennsylvania Furnace, PA 16865 (5 miles west of Pine Grove Mills on Route 45, use entrance J)
• For directions, a full list of available plants, as well as a list of sponsors, vendors, and exhibitors, visit: extension.psu.edu/centre/programs/master-gardener/master-gardener-plant-sale

Centre County Historical Society – Centre Furnace Mansion Plant Celebration
• Date & Time: Saturday, May 11, 2013 (9:00 a.m. to 2:00 p.m.)
• Locally grown heirloom bulbs, herbs, annuals, perennials, trees, and shrubs; edible-flower workshop by culinary educator and writer Anne Quinn Corr; children’s activity; tours of the Centre Furnace Mansion
• Location: Centre Furnace Mansion, 1001 East College Avenue, State College PA (Corner of College Avenue and Porter Road)
• For more information, please call 814-234-4779 or visit: www.centrecountyhistory.org/events/plantcelebration.html

**symbol key**

- full shade required (less than 3 hours of direct sun)
- partial shade required (3-6 hours of sun)
- full sun required (at least 6 hours of direct sun)
- USDA Plant Hardiness zone
- size of container, in gallons
- Pennsylvania native
- best performers in the H.O. Smith Botanic Gardens
- attracts bees
- attracts butterflies
- attracts hummingbirds

**about the sale**

Plant selections offered will include a variety of trees, shrubs, and perennials ideal for growing in Happy Valley, such as hard-to-find Pennsylvania natives, some of the best performers in the H.O. Smith Botanic Gardens, and a few new-to-the-market selections.

- A unique assortment of annuals also will be available.
- Some additional trees, shrubs, and perennials will be available at the sale, but are not shown in this catalog.
- All quantities are limited, and available only while supplies last.
Pawpaw  
_Asiminia triloba_

Pawpaw is a colonizing shrub, with large, tropical-looking foliage. Unique cup-shaped, drooping maroon flowers emerge in May, giving way to edible fruits which mature in early autumn. The sweet-tasting, banana-like fruits are a popular treat for a variety of wildlife.

**Size:** 15’ height, spreading  
**Soil:** Average to wet, well-drained  
**Uses:** Specimen, woodland gardens, mass plantings  
**Flowering:** May

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Eastern redbud  
_Cercis canadensis ‘Ace of Hearts’_

A new, compact, shrubby variety of redbud, ‘Ace of Hearts’ features a dense, dome-shaped canopy perfect for smaller yards. It produces an abundance of lavender-rosy flowers in spring, and its semi-glossy leaves turn a pretty yellow in the fall.

**Size:** 12’ height, 10’ spread  
**Soil:** Moist, well-drained  
**Uses:** Specimen  
**Flowering:** April - May

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Flowering dogwood  
_Cornus florida ‘Jean’s Appalachian Snow’_

A fairly new introduction from the University of Tennessee, this selection of flowering dogwood features improved disease resistance over the species. Four overlapping, petal-like white bracts surround clusters of tiny yellow flowers.

**Size:** 30’ height, 25’ spread  
**Soil:** Average to moist  
**Uses:** Specimen, woodland and cottage gardens  
**Flowering:** May

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Venus® dogwood  
_Cornus KN30-8’_

Recipient of numerous awards, including the Pennsylvania Horticulture Society’s Gold Medal Plant Award, this fast-growing hybrid dogwood offers disease resistance and has the largest blooms of any dogwood. In late spring, huge white bracts put on a spectacular show!

**Size:** 15-20’ height and spread  
**Soil:** Average to moist, with good drainage  
**Uses:** Specimen, woodland border  
**Flowering:** May - June

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Magnolia  
_Magnolia ‘Ann’_

This beauty is part of the Little Girl series of magnolias introduced by the U.S. National Arboretum for a late spring bloom to prevent frost damage. The deep purplish-red flowers are 7-9” long and lightly scented.

**Size:** 10’ height and spread  
**Soil:** Moist, well-drained, acidic to neutral  
**Uses:** Specimen, small gardens, shrub border  
**Flowering:** May

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Big-leaf magnolia  
_Magnolia macrophylla_

This medium-sized tree is native to the southeastern U.S. Very large (up to 1’ by 3’) oblong leaves give this tree a tropical feel, as do the big, showy, creamy-white flowers and red fruits. Plant in locations protected from strong winds.

**Size:** 30-40’ height and spread  
**Soil:** Moist soil, well-drained and enriched with organic matter  
**Uses:** Specimen, woodland border  
**Flowering:** May
Black-gum
*Nyssa sylvatica*

Black-gum is at its best in September, when its glossy foliage turns spectacular shades of red, purple, and orange. Ultimately a large tree, it is a slow grower with a dense, often flat-topped crown and a network of slender, nearly horizontal branches.

**Size:** 30-50’ height, 20-30’ spread  
**Soil:** Moist, well-drained, acidic soil

**Uses:** Specimen, shade tree  
**Flowering:** May

Sassafras
*Sassafras albidum*

This medium-sized tree has spectacular fall color ranging from deep yellow to purple to red. Attractive greenish-yellow flowers appear on branch tips in early spring and female plants produce clusters of bluish-black fruit that are attractive to wildlife.

**Size:** 30-60’ height, 25-40’ spread  
**Soil:** Average to moist, acidic, tolerant of clay

**Uses:** Specimen, naturalized plantings, woodland border  
**Flowering:** April - May

Bur oak
*Quercus macrocarpa*

Bur oak is a majestic species with a broad-spreading, rounded crown. It adapts to a wide range of soil conditions and has the largest acorns of any native oak. Its leaves are large (up to 12” long), and its bark features corky ridges.

**Size:** 60-80’ height and spread  
**Soil:** Average, dry to wet, well-drained soils

**Uses:** Specimen, shade tree  
**Flowering:** April - May
**shrubs**

**Bottlebrush buckeye**  
*Aesculus parviflora*  
One of the most shade-tolerant shrubs, this species features bottlebrush-like white flowers with red anthers and lustrous dark-green compound leaves that turn a lovely yellow in autumn. The upright young shrub matures into a mounded, dense colony.  
*Size*: 6-12’ height and spread  
*Soil*: Average to moist, tolerant of clay  
*Uses*: Specimen, mass plantings, shaded areas  
*Flowering*: June - July

**Iroquois Beauty™ black chokeberry**  
*Aronia melanocarpa ‘Morton’*  
A compact cultivar, ‘Morton’ has delicate white flowers in mid-spring, dark green, glossy foliage that turns red-purple in autumn, and purple-black berries that attract birds. For best flowering, fruiting, and fall color, plant in a sunny location with room to spread.  
*Size*: 3’ height, 4-5’ spread  
*Soil*: Average to wet soil  
*Uses*: Hedge, sunny border, tolerant of wet sites  
*Flowering*: May  

**Butterfly-bush**  
*Buddleja ‘Purple Haze’*  
This new addition of the Lo and Behold® series of butterfly-bushes features a dwarf, low-spreading, non-invasive habit. The purple-blue flowers bloom from mid-summer until first frost and are a magnet for hummingbirds and butterflies.  
*Size*: 2-3’ height, 3-5’ spread  
*Soil*: Average moisture  
*Uses*: Smaller gardens, mixed borders, mass plantings  
*Flowering*: July - September

**Carolina-allspice**  
*Calycanthus floridus*  
This PA native shrub is grown for it glossy green leaves, yellow fall foliage, and unusual, deep maroon flowers. Flowers and leaves can be intensely fragrant, especially in the evening. This species is a great addition to both sunny and shady borders.  
*Size*: 4-7’ height, 4-10’ spread  
*Soil*: Tolerant of clay and wet soils  
*Uses*: Specimen, shrub border, native plant garden  
*Flowering*: May - July

**Buttonbush**  
*Cephalanthus occidentalis*  
This deciduous shrub produces fuzzy, fragrant white flowers that attract bees and butterflies in early to mid-summer. The pincushion-like flowers mature into ball-shaped fruits. This species is tolerant of wet soil, including shallow, standing water at the edge of ponds.  
*Size*: 5-12’ height, 4-8’ spread  
*Soil*: Average to wet conditions  
*Uses*: Specimen, mass plantings, wet sites  
*Flowering*: June - July

**Leonard’s witch-hazel**  
*Hamamelis ovalis*  
This rare witch-hazel was newly discovered in 2004 in southern Mississippi. The name derives from the leaves that are 2-3 times larger than our native witch-hazel’s. Flowers range in color from scarlet, to rose-pink, and maroon. It is thought to be hardy to Zone 5.  
*Size*: 4-8’ height, spreading  
*Soil*: Moist, well-drained  
*Uses*: Woodland gardens, borders  
*Flowering*: January - March
**Witch-hazel**  
*Hamamelis x intermedia ‘Primavera’*  
Fragrant, spidery, bright-yellow flowers tinged with red and purple light up the late winter landscape. Its upright, vase shape develops a spreading growth habit at maturity. Dark green leaves turn a beautiful orange-yellow in autumn.  
**Size:** 10-15’ height and spread  
**Soil:** Moist, well-drained, tolerant of clay  
**Uses:** Shrub border, specimen  
**Flowering:** January - February

**Wild hydrangea**  
*Hydrangea arborescens ‘Hayes Starburst’*  
This cultivar of wild hydrangea is more compact, has smaller leaves, and blooms later than ‘Annabelle.’ The flower heads are loaded with large, fully double clusters of greenish-white, star-shaped flowers. Can be cut back to 4-6” in spring.  
**Size:** 2-3’ height, 3-4’ spread  
**Soil:** Moist, well-drained, humus-rich  
**Uses:** Shrub borders, massing plantings  
**Flowering:** June - September

**Blue Velvet™ St. John’s-wort**  
*Hypericum ‘Cfflpc-1’*  
Bees, bees, bees... get the hint! This cultivar of St. John’s-wort, has a compact, mounding growth form and aromatic blue-green leaves and is loaded with yellow flowers. This selection is a favorite of the H.O. Smith Botanic Gardens.  
**Size:** 3’ height, 4’ spread  
**Soil:** Average to moist, well-drained  
**Uses:** Specimen, mass planting  
**Flowering:** July

**Pinxterbloom azalea**  
*Rhododendron periclymenoides*  
A PA native, this deciduous species prefers well-drained, acid soil. Flowers are deep pink in bud, light-pink when opening, and white in full bloom. The slightly fragrant flowers attract hummingbirds and butterflies.  
**Size:** 4-6’ height and spread  
**Soil:** Well-drained, acidic  
**Uses:** Specimen, mass planting, sunny or shady borders  
**Flowering:** May

**Oak-leaf hydrangea**  
*Hydrangea quercifolia ‘Ruby Slippers’*  
A new introduction from the U.S. National Arboretum, this oak-leaf hydrangea cultivar is a MUST have! Blooms open white, quickly turn pink, and then deepen to rose-red. Sturdy stems ensure that the 9” blooms do not flop like many other large-flowered hydrangeas.  
**Size:** 3-4’ height, 5’ spread  
**Soil:** Average, well-drained  
**Uses:** Specimen, mass plantings  
**Flowering:** June - July

**Brandywine™ possum-haw**  
*Viburnum nudum ‘Bulk’*  
This wonderful viburnum cultivar features clean, dark-green, glossy foliage that turns deep maroon to purple in autumn. White flowers in spring are followed by a fruit display that evolves from white to shades of pinks, followed by blues and purples.  
**Size:** 6’ height and spread  
**Soil:** Moist to wet, well-drained  
**Uses:** Specimen, mass planting, sunny or shady borders  
**Flowering:** May
**perennials**

**Bear’s breeches**  
*Acanthus hungaricus*  
This dark green, clumping perennial with glossy, deeply lobed leaves, is attractive throughout the growing season. Substantial flower spikes produce reddish-purple bracts followed by pale pink to white flowers. Deer-resistant with no significant pest or disease problems.  
**Size:** 36-48” height, 12-36” spread  
**Soil:** Well-drained, average, drought-tolerant when established  
**Uses:** Back of the border  
**Flowering:** June - July

**Black snakeroot**  
*Actaea racemosa*  
Also called “fairy candles,” this important pollinator food source grows naturally in the PA woods. In early summer, strikingly long spikes of cream-colored flowers emerge from a low-growing base of finely dissected, deep green leaves. Persistent seed heads add autumn interest.  
**Size:** 36-60” height, 24-36” spread  
**Soil:** Well-drained, consistently moist, enriched with organic matter  
**Uses:** Native woodland and pollinator gardens, mixed borders  
**Flowering:** July - August

**Northern maidenhair fern**  
*Adiantum pedatum*  
Outstanding bright green fronds on shiny blue-black stems set this elegant native fern apart. Deep-red “fiddle heads” begin to emerge in spring, giving rise to horizontal, branched whorls of vegetation. This species multiplies to form clustered masses in dappled light.  
**Size:** 12-20” height and spread  
**Soil:** Well-drained, consistently moist, and enriched with organic matter  
**Uses:** Mass planting, woodland garden, shady border

**Blue-star**  
*Amsonia ‘Blue Ice’*  
Plants are compact and clump-forming with rich green leaves and star-shaped, vivid, dark lavender-blue flowers. Willow-like foliage turns buttery yellow in fall. This plant is hardy and drought-tolerant when established with no serious pest or disease problems.  
**Size:** 12-15” height; 24” spread  
**Soil:** Moist, well-drained  
**Uses:** Best when massed; good for borders and cottage/rock gardens  
**Flowering:** May - June

**Japanese anemone**  
*Anemone × hybrida ‘Andrea Atkinson’*  
Creamy white flowers with yellow stamens, chartreuse centers, and deep green foliage. Rated one of the top three Japanese anemones in recent Chicago Botanic Garden’s shade evaluation trials. This non-fussy plant blooms for about two months and provides wonderful late summer and fall color.  
**Size:** 30-36” height and spread  
**Soil:** Deep, rich, moist, well-drained  
**Uses:** Bright woodlands, wild gardens and borders, cut bouquets  
**Flowering:** August - October

**Japanese anemone**  
*Anemone × hybrida ‘Serenade’*  
Fully double, dark pink flowers rise above compact clumps of trifoliate leaves. Once established, quickly fills in by underground stems. A top-rated cultivar in Chicago Botanic Garden’s 2004 Anemone trials, this is a must-have, fall-blooming perennial!  
**Size:** 24-36” height and spread  
**Soil:** Well-drained, consistently moist, enriched with organic material  
**Uses:** Woodland garden, shady borders  
**Flowering:** August - October
Butterfly-weed
Asclepias tuberosa ‘Hello Yellow’
This low-spreading woodland wildflower features large, velvety, heart-shaped leaves and reddish-brown flowers that appear in the spring at ground level. Although the unique cup-shaped flowers are mostly hidden by the foliage, they add a bit of whimsy to the garden for the close observer.
Size: 6-12” height and 12-18” spread
Soil: Moist or wet, well-drained
Uses: Attractive shade groundcover
Flowering: May

Jack-in-the-pulpit
Arisaema triphyllum
This woodland wildflower is noted for its unusual maroon and green-striped flower and three-lobed leaves. Blooms in mid-spring and produces clusters of orange-red berries in late summer. Gradually forming a small colony, this plant is a must-have for the woodland garden.
Size: 12-28” height and spread
Soil: Moist, humus-rich, well-drained
Uses: Woodland garden, shady borders, specimen
Flowering: April - May

Wild ginger
Asarum canadense
This low-spreading woodland wildflower features large, velvety, heart-shaped leaves and reddish-brown flowers that appear in the spring at ground level. Although the unique cup-shaped flowers are mostly hidden by the foliage, they add a bit of whimsy to the garden for the close observer.
Size: 6-12” height and 12-18” spread
Soil: Moist or wet, well-drained
Uses: Attractive shade groundcover
Flowering: May

Montbretia
Crocosmia ‘Emberglow’
Native to southern Africa, this member of the iris family is easy to grow. Emerging from a whorl of sword-shaped foliage, tall arching stalks hold numerous star-like, burnt-orange/red flowers at the tips. In our climate, plant requires a protected location and heavy winter mulch. To ensure survival, corms can be lifted in fall and stored through the winter months.
Size: 24-36” height, 12-24” spread
Soil: Medium moisture, well-drained
Uses: Cut flowers, border massing
Flowering: July - August

Purple prairie-clover
Dalea purpurea
This water-wise plant is a heavy bloomer with striking red-violet, cone-like flowers held on stiff, upright stems. A deep-rooted legume, it returns nitrogen to the soil and helps fertilize the plants around it. This species is a native plant in the prairies and meadows of central North America.
Size: 12-36” height and spread
Soil: Average soil, drought-tolerant
Uses: Meadow garden, rock garden, will naturalize
Flowering: June - September

Bleeding heart
Dicentra ‘Burning Hearts’
A hybrid developed in Japan, this cultivar offers extended bloom into July if sited in cool summer shade and consistent moisture. The blue-gray, delicately cut leaves form a low mound, a perfect color background for the showy rose-red, heart-shaped flowers arching up and over the foliage.
Size: 6-12” height, 10-18” spread
Soil: Moist, rich humus, well-drained
Uses: Shade/woodland garden, rock garden, or a shade container
Flowering: April - July
Dutchman’s breeches  
*Dicentra cucullaria*  
Fern-like, deeply-cut, blue-gray foliage underlies a flowering stalk with a row of fragrant, spurred, yellow-tipped white flowers. The common name arises from the resemblance to Renaissance Dutch pantaloons, ankles upward. Species goes dormant in late spring.  
*Size:* 6-12" height, 6-12" spread  
*Soil:* Well-drained, moist, humus-rich, acid to neutral; tolerant of limestone  
*Uses:* Woodland garden  
*Flowering:* April – May

Japanese shield fern  
*Dryopteris erythrosora* 'Brilliance'  
The new growth of ‘Brilliance’ begins in a pink hue, and slowly turns orange with copper tones. Mature fronds remain dark green into late autumn, with red sori (spore-producing structures) on the underside of the fronds. Plant slowly spreads overtime by rhizomes.  
*Size:* 18-30" height and spread  
*Soil:* Evenly moist soil, with good drainage  
*Uses:* Woodland garden, shady borders  
*Flowering:* April – May

Coneflower  
*Echinacea ‘Raspberry Truffle’*  
This bushy, compact, vigorous coneflower grows on chocolate-colored stems and opens with a single layer of peachy-reddish-pink petals. As the flower-head matures, the petals become dense, featuring a 4-inch pom-pom of darker, rosy-pink-coral surrounding a chocolate brown cone (the truffle).  
*Size:* 24"-36" height, 20-24" spread  
*Soil:* Average  
*Uses:* Sunny border, cut bouquets fresh or dried  
*Flowering:* July – August

Rattlesnake-master  
*Eryngium yuccifolium*  
This tall, U.S. prairie native has strap-like, green-gray leaves and bluish-silver florets. The thistle-like flowers are arranged in compact, 1" globes, in clusters above the yucca-like leaves. Give rattlesnake-master full sun and plenty of room for best results.  
*Size:* 36-60" height and 24-36" spread  
*Soil:* Average, dry to medium, well-drained  
*Uses:* Meadow gardens, sunny border; tolerant of clay soil and drought  
*Flowering:* June – September

Queen-of-the-prairie  
*Filipendula rubra*  
This is a large, robust PA native with deeply-cut, bright green, fragrant leaves. Small, fragrant flowers bloom in large, feathery panicles similar to astilbe’s. The plant is most effective massed at the back of the sunny border or in a wild/naturalized planting. Various species of bees collect its pollen for a food source.  
*Size:* 36-60" height, 36-48" spread  
*Soil:* Consistently moist, humus-rich  
*Uses:* Cottage garden, borders, moist areas along streams or ponds  
*Flowering:* June – August
perennials

Cranesbill
*Geranium ‘Brookside’*
This cranesbill cultivar features long-lasting, lavender-blue flowers above clump-forming, dark green, lacy foliage. Stunning fall foliage colors of red, orange and yellow add to the landscape value of the plant.

**Size:** 18-24” height, 24-28” spread  
**Soil:** Average moisture, well-drained  
**Uses:** Cottage gardens, borders and mass plantings  
**Flowering:** May - June

Spotted geranium
*Geranium maculatum*
This low-growing, shade-loving eastern woodland native is an excellent choice for areas that need a low-maintenance plant that spreads easily. Small, striped flowers are pink to lavender above a mound of deeply-cut, five-lobed leaves. Blooms for 6 to 7 weeks in the spring.

**Size:** 18-24” height and spread  
**Soil:** Average to moist, good drainage  
**Uses:** Massing, front of border, shady areas, woodland garden  
**Flowering:** May - June

Willow-leaf sunflower
*Helianthus salicifolius*
Get ready for a GIANT! This mid-western prairie native is named for its drooping, narrow, willow-like leaves covered with soft hair. Flower has a typical sunflower form of bright yellow rays around a brown disk, 2-2.5” wide. The species spreads over time to form dense colonies. Great for late fall color.

**Size:** 60-72” height, 12-36” spread  
**Soil:** Average, well-drained  
**Uses:** Back of sunny border, meadow garden, cut flower  
**Flowering:** September – October

Garden hellebore
*Helleborus x hybridus ‘Pink Lady’*
Garden hellebores are one of the first signs of spring! ‘Pink Lady’ features 2-3”, cup-shaped, pink flowers that emerge above glossy, leathery leaves. The evergreen foliage adds year-round interest.

**Size:** 18-24” height and spread  
**Soil:** Moist, rich, well-drained  
**Uses:** Woodland garden border or pathways  
**Flowering:** April - May

Day-lily
*Hemerocallis ‘Autumn Minaret’*
Introduced in 1951, ‘Autumn Minaret’ is an oldie but goodie! This true classic features very fragrant, late-blooming, yellow-gold flowers accented with shades of orange. It is a GIANT with sturdy flower stalks reaching 6’ in height, but never needs staking. Hummingbirds love it!

**Size:** 60-72” height, 24-36” spread  
**Soil:** Average moisture, well-drained  
**Uses:** Back of sunny border, cottage gardens  
**Flowering:** July - August

Hairy alum-root
*Heuchera villosa ‘Citronelle’*
A vigorous grower, ‘Citronelle’ forms clumps of vibrant chartreuse-green foliage with 14” spires that hold small, white, bell-shaped flowers. Add this plant for a striking contrast in both shady patio containers and perennial borders.

**Size:** 6-12” height, 8-14” spread  
**Soil:** Average moisture, well-drained, enriched with organic matter  
**Uses:** Rock gardens, shady borders, patio containers  
**Flowering:** June - July
perennials

Plantain-lily
*Hosta ‘Autumn Frost’*
This medium-sized hosta, features thick, powder-blue leaves with wide, buttery-yellow margins that fade to creamy white in summer. Light lavender flowers are attractive to hummingbirds. This cultivar’s rare foliage color combination of blue and yellow really glows in low light.
Size: 12” height, 20-24” spread
Soil: Average
Uses: Shady borders, woodland gardens, containers
Flowering: June - July

Plantain-lily
*Hosta ‘Blue Ivory’*
Thick, slug-resistant foliage has steely-blue centers with extra wide, creamy-white margins and prominent leaf venation. In summer, edges evolve to a clear white as the center changes to a blue-green. Lavender flowers in early to mid-summer attract hummingbirds.
Size: 16” height, 30” spread
Soil: Average, moist, well-drained
Uses: Woodland garden, borders, containers
Flowering: July

August-lily
*Hosta plantaginea ‘Aphrodite’*
In cultivation in China since the Han Dynasty (206BC-220AD), *H. plantaginea* is grown for its fragrant, lily-shaped, late-summer flowers. ‘Aphrodite’ is a double-flowered selection, with large oval, deeply veined green leaves.
Size: 12-24” height and spread
Soil: Average, well-drained
Uses: Shady borders, mass planting, woodland gardens
Flowering: July - August

Small-head gayfeather
*Liatris microcephala*
This beautiful native of the southern Appalachians sports delicate, multi-stemmed magenta-purple flower spikes above fine, dark green foliage. It is fairly rare, long-blooming, deer-resistant, and tolerant of drought and poor soils. It is also a butterfly magnet!
Size: 18-24” height, 12-24” spread
Soil: Tolerate of poor, dry soil
Uses: Sunny borders, meadows, and rock gardens
Flowering: July - August

Lobelia
*Lobelia x speciosa ‘Vedraiensis’*
This long-lived hybrid lobelia features tall flower spikes with bright purple blooms. Performs well in areas too wet for many other plants, although is adaptable to drier conditions. Red-tinged, dark green basal foliage is also attractive.
Size: 24-36” height, 12-18” spread
Soil: Tolerate of poorly drained areas
Uses: Pond edges, mass plantings, rain gardens
Flowering: July - September

Leaf of *Ensete ventricosum ‘Maurelli’* (Abyssinian-banana) growing in Oasis Garden
Plume-poppy
*Macleaya cordata*

Plant plume poppy where it has room to spread! This member of the poppy family combines large lobed and scalloped leaves (olive green above/gray-white beneath) with 12” long-branched panicles of creamy-white flowers. Persistent seed-heads are also attractive.

Size: 60-96” height, spreading
Soil: Moist, well-drained
Uses: Back of the border
Flowering: July - August

Virginia bluebells
*Mertensia virginica*

Spectacular in mid-to late spring, this clump-forming perennial produces lovely clusters of trumpet-shaped flowers that emerge purplish-pink and then turn light blue as they mature. This species, which dies back by mid-summer, is perfect for a naturalized setting.

Size: 18-24” height, 12-18” spread
Soil: Moist, well-drained, humus-rich
Uses: Shady borders, woodland gardens
Flowering: March - April

Cinnamon fern
*Osmunda cinnamomea*

This easy to grow, versatile fern tolerates dense shade and produces fertile fronds resembling cinnamon sticks. Its large, green, vegetative fronds remain attractive throughout the summer and turn yellow in the fall.

Size: 24-36” height and spread
Soil: Average to wet
Uses: Woodland gardens, shady borders

May-apple
*Podophyllum peltatum*

Valued for its large, glossy, and deeply lobed, umbrella-like foliage, this PA native woodland wildflower produces a pleasantly scented, small-cupped, white flower below the leaves which gives rise to a two-inch long fruit. Foliage slowly dies back towards the end of summer.

Size: 12-18” height and spread
Soil: Moist, humus-rich soil
Uses: Mass planting, woodland gardens
Flowering: April - May

Solomon’s-seal
*Polygonatum odoratum var. pluriflorum ‘Variegatum’*

The Perennial Plant Association’s 2013 Plant of the Year… need we say more? Arching burgundy stems have variegated green and white-edged foliage that turns yellow in the fall. Teardrop-shaped flowers emit a subtle, lily-like fragrance in the evening.

Size: 12-24” height and spread
Soil: Average, moist, well-drained
Uses: Shady woodland gardens and borders
Flowering: May - June

Clustered mountain-mint
*Pycnanthemum muticum*

One of the best late-season pollinator plants around! This tall, long-blooming, fragrant, and stunning plant has terminal clusters of tiny, pale-pink flowers with white bracts. When in bloom, it is covered with bees, vibrating with activity!

Size: 24-36” height, spreading
Soil: Average, well-drained soil
Uses: Meadow gardens, sunny borders
Flowering: July - September
**Bloodroot**  
*Sanguinaria canadensis*

The two-inch white flowers of this small native woodland wildflower emerge wrapped in a single, deeply lobed, grayish-green leaf. The leaves continue to grow and remain attractive until late summer when the plant goes dormant. This species will spread slowly.  
*Size:* 6-12" height and spread  
*Soil:* Rich, average moisture, tolerant of drier conditions  
*Uses:* Woodland gardens, naturalizing  
*Flowering:* April

**Northern wild senna**  
*Senna hebecarpa*

This large PA native perennial has compound leaves that branch out from the main stems, giving the plant a graceful, tiered effect. Yellow flower clusters attract many pollinators, and then form long seed pods, adding late season interest.  
*Size:* 72" height and spread  
*Soil:* Average to wet  
*Uses:* Large borders, meadow gardens  
*Flowering:* July

**Fragrant ladies'-tresses**  
*Spiranthes odorata 'Chadd's Ford'*

This easy-to-grow cultivar of a PA native orchid features spiraling spikes of fragrant tubular flowers held above dark green rosettes of foliage. The early fall blooms emit a fragrance that is often compared to vanilla and jasmine.  
*Size:* 12-24" height, 6-12" spread  
*Soil:* Prefers rich, moist-to-wet soils  
*Uses:* Pond edge, wetlands, rain gardens  
*Flowering:* August - October

**Prairie dropseed**  
*Sporobolus heterolepis*

Often considered to be the most handsome of prairie grasses, this plant produces a fountain of fine-textured, emerald green leaves. Open-branching flower panicles with pink and brown tints and a slight fragrance of coriander appear in late summer. Great for winter interest!  
*Size:* 24-36" height and spread  
*Soil:* Tolerates wide range, prefers well-drained  
*Uses:* Meadow gardens, sunny borders  
*Flowering:* August - October

**Stokes’ aster**  
*Stokesia laevis ‘Peachie’s Pick’*

‘Peachie’s Pick’ is a low-growing cultivar with a mounding growth habit and spectacular blue flowers. Expect flowering from mid-summer through early fall. Removing spent flowers encourages more blooms. Apply a layer of mulch to plants for winter protection.  
*Size:* 12-18" height and spread  
*Soil:* Average moisture, good drainage essential  
*Uses:* Rock gardens, sunny borders  
*Flowering:* June - September

**Blue wood aster**  
*Symphyotrichum cordifolium ‘Avondale’*

Small, blue-lavender, daisy-like flowers completely cover this bushy plant in the fall. ‘Avondale’ is a more prolific, more compact version of the species and is drought-tolerant once it is established. It makes beautiful mass plantings on woodland edges.  
*Size:* 18-24" height and spread  
*Soil:* Average to dry, tolerates clay  
*Uses:* Shady borders, meadow gardens  
*Flowering:* September - October
perennials

**Foam-flower**
*Tiarella cordifolia ‘Susquehanna’*

‘Susquehanna’ is a 2009 introduction with deeply lobed leaves featuring purple to black markings. The plant spreads vigorously by runners - up to 36” once established. Panicles of tiny white flowers bloom on slender stems 6-8” tall.

**Size:** 4-6” height, 24-36” spread

**Soil:** Average moisture, well-drained, enriched with organic matter

**Uses:** Shaded rock and woodland gardens

**Flowering:** May - June

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**Toad-lily**
*Tricyrtis formosana ‘Samurai’*

Toad-lilies are valued for their unique, late-summer blooms. The one-inch, light purple, lily-like flowers sport dark purple spotting with yellow throats. ‘Samurai’ features lance-shaped, shiny dark green leaves with creamy golden edges. Apply a layer of mulch for winter protection.

**Size:** 12-18” height and spread

**Soil:** Constantly moist, humus-rich, slightly acidic

**Uses:** Moist woodland or shade gardens

**Flowering:** August - September

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**Purple trillium**
*Trillium erectum*

A common native spring ephemeral, purple trillium’s three leaves emerge in April. A deep reddish-purple flower blooms a few weeks later. The plant then goes dormant by late summer. Given time, trillium will form a lovely colony.

**Size:** 8-20” height and spread

**Soil:** Rich, moist, prefer slightly acidic conditions

**Uses:** Woodland gardens

**Flowering:** May

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**Foam-flower**
*Tiarella cordifolia ‘Susquehanna’*

**Sunflowers near gourd arch on the Esplanade**
vines

**Trumpet-vine**
*Campsis radicans ‘Judy’*
This variety has golden-yellow blooms with deep orange throats and is a real hummingbird magnet. This sturdy vine is heat-tolerant and flowers best in full sun. Once established, it is a vigorous climber.

*Size:* Climbing - 30-40’
*Soil:* Well-drained, tolerant of wide range of soils
*Uses:* Walls, arbors, trellises
*Flowering:* July - September

**Small-flowered clematis**
*Clematis ‘Duchess of Albany’*
This vigorous, drought-tolerant, long-blooming hybrid attracts butterflies and hummingbirds. Its 2-3", bell-shaped flowers are deep pink with cherry accents, and it is perfect for weaving through a fence or up a trellis. Prune back in late winter.

*Size:* 8-12’ height, 3-6’ spread
*Soil:* Fertile, well-drained
*Uses:* Trellises and fences
*Flowering:* July - September

**American wisteria**
*Wisteria frutescens ‘Amethyst Falls’*
This cultivar of American wisteria, which is not as aggressive as the Asian species, features large, pendulous clusters (6-8”) of fragrant, lavender-blue, pea-like flowers that hang from tendrils among glossy green foliage.

*Size:* Climbing - 15-30’
*Soil:* Moist, well-drained
*Uses:* Fences, arbors, trellises
*Flowering:* June

**Clematis**
*Clematis montana var. rubens*
This cultivar has vanilla-scented, 3” pastel-pink flowers in mid- to late spring. New foliage is purplish and turns bronze to dark green as it ages. Most clematis prefer to be planted with their leaves in the sun and their roots in the moist shade. This fast-growing vine needs support.

*Size:* Climbing - 15’
*Soil:* Average, well-drained
*Uses:* Cottage gardens, trellises
*Flowering:* July

Sunrise on the Oasis Garden Terrace
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