Annual Benefit Plant Sale 2015
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Wildflower Celebration
Sunday, April 26 • 10 am to 4 pm

Spend the day in native plant paradise and enjoy gardening demonstrations, live performances, plant giveaways, and free admission!

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Welcome to the twenty-third annual UDBG benefit plant sale. Over half of our annual operating budget is generated at this sale. Your purchases support the garden, educational programs, part-time staff, maintenance, and small projects. Your support is essential to the function of the garden. The selection is different from other nurseries with plants that you can only purchase here.

In recognition of UDBG members’ staunch support, this year we are offering 10% off entire plant purchase under $100, 15% off plant purchase $100–$199, and 20% off plant purchase of $200 or more, all plants, all day. You must come on the members-only day of the sale (Thursday, April 23) to take advantage of this offer; it will not apply on other days.

This year’s featured plant group is the sweetshrubs (Calycanthus), which have recently been the focus of several innovative breeding programs. Sweetshrubs come from North America and Eastern Asia, and include a number of delightfully fragrant types. This year’s sale offers an extraordinary collection of species, cultivars, and new hybrids, many of which are not readily available in the trade.

Several other woody plant groups are well represented in the catalog and well suited to the restricted space available in urban and suburban landscapes. Another long-time favorite is magnolia, and while some of our offerings are customer favorites, many are new. This year we offer Magnolia ‘Katie-O’, a deep pink, nearly red flowered sweetbay magnolia—an exciting new hybrid.

We are expanding our selection of heirloom annuals and vegetables. This group offers a variety of plants you remember from grandma’s garden, plants that have seemingly disappeared from modern gardens. We will offer a diverse selection of tomatoes. Most are heirloom varieties, others are unique selections like the blueberry tomatoes.

Based on your input we are emphasizing “edible” trees and shrubs this year. Consider these choices: service berry, pawpaw, camellia, lemon, persimmon, fig, goji berry, pomegranate, and blueberries. Most offer deliciously sweet fruit, others furnish health benefits, and others are used for completely different purposes.

I would also like to thank our advertisers and patrons. Their support helps us multiply our plant sale effort. Come to enjoy the sale and festivities of Ag Day. Return other times of the year to enjoy color in the trial garden, butterflies, moths and skippers in the Lepidoptera Trail, birds in the Wetlands Garden, and, the diversity of plants in the collection as they change throughout the seasons. Thanks for your support and I look forward to seeing you at the sale.

John Frett, Ph.D.
UDBG Director and Professor

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Mission
The University of Delaware Botanic Gardens contributes to an understanding of the changing relationships between plants and people through education, research, outreach, and community support. This understanding instills an appreciation of plants in the landscape and natural environments.

Cover: Close up of Calycanthus × raulstonii ‘Hartlage Wine’ in the garden of Ellen Petersen.
Photo: Rick Darke
PATRONS

OUR SINCERE APPRECIATION to the individuals listed below for their generosity. Your gifts directly support UDBG’s Student Program, a vital component of the UDHC that provides student summer and school year interns a paid opportunity to gain practical experience and training, and learn new skills while building resumes.

2015 SPRING PLANT SALE CATALOG: www.canr.udel.edu/udbg
**Event Dates**

Tuesday, March 24, 7–8 pm • Mythology of Plants Lecture
Tuesday, April 7, 7–9 pm • Spring Plant Sale Preview Lecture
Wednesday, April 15, 4–5:30 pm • Plant Sale Highlights Guided Walk
Wednesday, April 22, 4:30–6:00 pm • Patron Plant Sale and Reception. RSVP required. To attend, see Event Information below.
Thursday, April 23, 3–7 pm • UDBG Members only Friday, April 24, 3–7 pm • General Public
Saturday, April 25, 9:30 am–4 pm • General Public
Tuesday, May 5, 7–8:30 pm • Designing Resilient Plantings Lecture & Member Plant Dividend Giveaway

**General Information**

The plant sale is organized by the UDBG staff, UDBG Friends, and many dedicated volunteers. Major credit cards, checks, and cash are accepted. The sale is located inside the fenced-in area across from Fischer Greenhouse on UD south campus (north of UD football stadium; near UDairy Creamery).

**Benefits of Membership**

The UDBG Friends-only day to shop is Thursday, April 23, 3–7 pm. Only on this day, we offer 10% off entire plant purchase under $100, 15% off plant purchases of $100–$199, and 20% off plant purchases of $200 or more, all plants, all day. Those who join for the first time will receive a free plant. To join, please go to UDBG’s website at www.canr.udel.edu/udbg, or use the membership form in this catalog.

**Catalog on the Web**

This catalog is available at: www.canr.udel.edu/udbg/. Additional plants will be available for purchase on each day of the sale, while supplies last. Although they are not included in the catalog with descriptions, you can find a list of these plants on page 23–24 and an updated list can be found on UDBG’s home page.

**Educational Events**

To ensure a space, registration is highly recommended for all educational events. Please e-mail botanicgardens@udel.edu to register or phone 302-831-2531.

**Lecture: Mythology of Plants**

Tuesday, March 24, 7–8 pm
UDBG Friends members: $15; Nonmembers: $20
Location: The Commons, Townsend Hall
To enter the ancient Roman garden and experience its plants is to immerse oneself in the world of myth and the divine, as all plants, both wild and cultivated, were believed to have an intimate connection to the realm of gods and heroes. In this hour, we will visit a selection of ancient Roman gardens, reconstruct their plants, and learn the tales of lust, blood, and vengeance behind common garden plants such as narcissus and hyacinth, pomegranate and apple, which still grace our orchards, and exotica such as frankincense and myrrh.

**Annette Giesecke** is Professor of Classics and Department Chair at the University of Delaware and holds degrees from Harvard (Ph.D.) and UCLA. Her research interests include gardens in the Classical world, Greek and Roman art and architecture, and urbanism and ethics of land use in classical antiquity. Her publications include The Epic City: Urbanism, Utopia, and the Garden in Ancient Greece and Rome, EARTH PERFECT? Nature, Utopia, and the Garden (contrib. and ed.), and The Good Gardener? Nature, Humanity and the Garden (ed. and contrib.). Her 2014 book, The Mythology of Plants: Botanical Lore from Ancient Greece and Rome, will be available for sale and signing.

**Guided Walk: Highlights of 2015 Spring Plant Sale**

Wednesday, April 15, 4–5:30 pm
UDBG Friends members: $5; Nonmembers: $10
Location: Meet at Fischer Greenhouse entrance across from plant sale entrance

**Lecture: 2015 Spring Plant Sale Preview**

Tuesday, April 7, 7 pm
UDBG Friends members: $5; Nonmembers: $10
Location: The Commons, Townsend Hall
Please join Robert Lyons and UDBG Director John Frett as they give a lively and illustrated talk about both perennial and woody plants that will be offered at the spring plant sale.

In 2014, **Robert Lyons** retired as Director of the Longwood Graduate Program and Professor, Plant & Soil Sciences at UD. Prior to that, he held the J. C. Raulston Distinguished Professor Chair in Horticultural Science at North Carolina State University and served as the Director of the J. C. Raulston Arboretum. From 1981–1998, Lyons was Professor of Horticulture at Virginia Tech and co-founder and Director of the VT Horticulture Gardens. He is now developing his photography business, and serves as Chairman of the Advisory Boards of UDBG and Rutgers Gardens.

**Patron Reception and Plant Sale**

Wednesday, April 22, 4:30–6:00 pm
This intimate evening is a thank you event to those who have contributed $185 or more to support UDBG’s Student Program, an essential component of UDBG’s functioning. Enjoy conversations with knowledgeable plant people, a private plant sale this evening only, refreshments, and the first crack at all other plant sale offerings. If interested in attending or for more information, please call 302-831-0153 or email mzoehrer@udel.edu. RSVP required

**Lecture: Designing Resilient Plantings and Membership Plant Dividend Giveaway**

Tuesday, May 5, 7–8:30 pm
UDBG Friends members: FREE; Nonmembers: $10
Location: The Commons, Townsend Hall
How should we garden in this time of global change? Can we design plantings that will survive varied and even unpredictable conditions? Natural systems deal with unpredictability every day and have persisted through conservation. Landscape Architect and Horticulturist Travis Beck will show us how to apply the ecological principles that underlie these systems to create successful and resilient gardens and landscapes.

**Travis Beck** is Director of Horticulture at Mt. Cuba Center, where he oversees the care and evolution of 22 acres of formal and naturalistic gardens and 532 acres of natural lands. Prior to Mt. Cuba, Beck worked at the New York Botanical Garden, where he managed landscape design and construction projects, including the new Native Plant Garden. Beck’s book, Principles of Ecological Landscape Design, applies current scientific thinking to the design and management of successful, sustainable landscapes.

Inset photos: (top) Phlox paniculata ‘Flame Blue’; (bottom) Callicarpa americana

2015 SPRING PLANT SALE CATALOG: www.canr.udel.edu/udbg
SWEETSHRUB (Calycanthus)
John Frett

SWEETSHRUBS ARE MEDIUM-SIZED SHRUBS that grow under the forest canopy. Our Eastern Sweetshrub, also known as Carolina Allspice, commonly grows in full shade but is open in habit and flowers less in that environment. Plants growing in full sun in northern gardens are much denser and more floriferous. Since full sun often results in dry soil, an intermediate environment that maximizes light but avoids excessively dry soils is ideal for these plants. For the most part, sweetshrubs are pest free and easy to grow. Plants will sucker in time and spread limitedly. Older plants may become somewhat leggy and are easily rejuvenated by pruning back to ground level. The foliage is typically dark green with some selections excelling as evidenced by the luster of their foliage. Leaves typically turn a clear yellow in fall, enhancing the plant's appeal.

Calycanthus is a small genus of only four species by current taxonomic definition, but this was not always the case. Sweetshrub is native to North America with one exception, and this exception has provoked much taxonomic debate. Formerly known as Sinocalycanthus chinensis (and still listed as such in many catalogs), it differs not only in its origin but in the appearance of the flower.

Chinese Sweetshrub, as it is commonly known, has a white flower with broad petals and small, waxy yellow petals in the center of the flower. The flower is larger than the North American species but lacks fragrance typical of our natives. This floral difference argues for a unique genus but a hybrid between the Chinese and Eastern native species was identified (Calycanthus × raulstonii ‘Hartlage Wine’).

Since this was a cross between two different genera, the hybrid was initially given the combined generic name Sinocalycanthus × raulstonii (honoring the renowned late plantsman Dr. J.C. Raulston at the JC Raulston Arboretum at North Carolina State University). Additional taxonomic research suggested that the Chinese Sweetshrub is not sufficiently different from our native species to warrant a distinct genus. Thus all of the sweetshrubs are now in the single genus Calycanthus. Additional hybrids exist but do not necessarily fall into the hybrid species since they vary in parentage (see descriptions on next page). You will see all of these names in nursery catalogs. Regardless of the taxonomic conundrum, these plants offer great utility and beauty to gardens.

As mentioned above, Chinese Sweetshrub has a large (2.5–3 inch diameter) flower, white tinged pink, with a yellow center. The fewer petals are much wider adding to the flower’s showiness. Our native species have brown maroon (east coast) or red maroon (west coast) flowers that are 1–1.5 inch diameter with numerous narrow petals, with a fruity fragrance that can be very aromatic but varies significantly from plant to plant. The flower color does not contrast well against the rich green foliage, and if not for the fragrance, could often be overlooked. The hybrids offer intermediate flowers that greatly improve the visual display. Hybrid flowers are larger with broader petals, and range in color from white to red-maroon and vary from no fragrance to mild fragrance. All plants produce a 3–4 inch long, dark brown dry fruit that contains many seeds. The fruit has minimal display value and is only occasionally eaten by wildlife.

Practically speaking, these are easily grown plants that are consistent performers in the garden. For the most part, sweetshrubs are pest free and easy to grow.

Calycanthus × raulstonii ‘Hartlage Wine’ at UDBG’s Herbaceous Garden
Photo: Rick Darke

Calycanthus floridus ‘Michael Lindsey’ fruit
Photo: Rick Darke
Sweetshrub *Calycanthus*

*Calycanthus (chinensis × occidentalis) ‘Aphrodite’*
Hybrid Sweetshrub

The newest cultivar on the market, this hybrid boasts large, purple-red, magnolia-like flowers with yellow tips on inner petals. Unlike the other commercial hybrids, this selection has lightly fragrant flowers with a fruity aroma. The fall color is a golden yellow.

*Calycanthus ‘Venus’*
Hybrid Sweetshrub

A unique plant with a complex parentage: (*Calycanthus chinensis × Calycanthus floridus ‘Athens’) × (*Calycanthus chinensis × Calycanthus occidentalis*). All this results in clean white flowers about 2 inches in diameter with a hint of maroon in the center; the only white flowered hybrid. Magnolia-like flowers have a fruity aroma of melons and strawberries.

*Calycanthus × raulstonii ‘Hartlage Wine’*
Hybrid Sweetshrub

The first of the hybrid sweetshrubs, it has stood the test of time. The plant is very popular in the trade for the 2–4 inches wine-red flowers that open in mid-spring, larger than our native but without any fragrance.

*Calycanthus × raulstonii ‘Solar Flare’*
Hybrid Sweetshrub

So new it is not yet available in the trade! From famed magnolia breeder Dennis Ledvina with the same parentage as ‘Hartlage Wine’, this cultivar has fragrance similar to our native sweetshrub. Rich reddish maroon overlapping petals radiate from the bright yellow center of these 2.5 inch diameter flowers in the spring. Fall color is a golden yellow. PATRON EVENING ONLY

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**Latin Name**  **Common Name**  **Mature Size**  **Light**  **Soil**  **Pot Size, Plant Size**  **Price**

| Calycanthus chinensis | Chinese Sweetshrub | 6–10 | ● | ● | 3 g, 3–4 | $35 |
| Calycanthus floridus ‘Athens’ | Eastern Sweetshrub | 5–9 | ● | ● | 3 g, 2–3 | $35 |
| Calycanthus floridus ‘Big George’ | Eastern Sweetshrub | 6–9 | ● | ● | 7 g, 3 | $55 |
| Calycanthus floridus ‘Edith Wilder’ | Eastern Sweetshrub | 6–10 | ● | ● | 3 g, 2–3 | $35 |
| Calycanthus floridus ‘Michael Lindsey’ | Eastern Sweetshrub | 6–10 | ● | ● | 3 g, 3 | $35 |
| Calycanthus floridus ‘Purpureus’ | Eastern Sweetshrub | 6–9 | ● | ● | 3 g, 3 | $45 |

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*Photo: Dennis Ledvina*

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**2015 SPRING PLANT SALE CATALOG: www.canr.udel.edu/udbg**
Quick Reference for Cultural Symbols

All plant heights listed in catalog are in feet. No inches are used.

In order to help you select the right plant for your gardening needs, we have included the symbols below to indicate plant needs. These are broad guidelines, as plants can often withstand a wider range of conditions. Plants that prefer part shade may grow well in full sun if there is adequate soil moisture during hot, dry spells. Similarly, plants that prefer moist soils may grow well in drier sites if some shade is provided, especially midday.

Light Recommendations
- ☀️ full sun  - ⛅️ partial sun  - ☀️ full shade

Soil Moisture Recommendations
- ☁️ dry soil  - ⛅️ moist soil  - ☁️ wet soil

Attract Birds, Butterflies and Caterpillars
- 🐦 birds  - 🦋 butterflies and caterpillars

Native
- “N” after the plant description indicates plants are native to the Eastern U.S. We consider cultivars of native plants to be native, regarding them as selections from variants in the population.

- 🦋 = Lepidoptera use plant as Larval (caterpillar) food source
- 🌼 = Birds utilize plant as food source & nest building material
- 🍎 = People consume plant fruit or leaves
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Magmolia 'Elizabeth'
Photo: Danielle Quigley

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The low ‘Prostrata’ attributes.

Introduced by plantsman Barry Y
Cephalotaxus harringtonia ‘Nana Gracilis’
Chamaecyparis obtusa plant cascading over a wall. Adaptable, easy to grow, and deer resistant.

Japanese Plum Yew
Shore Juniper
‘Blue Pacific’
Softly mounded habit, evergreen foliage, and dwarf stature make this ideal specimen

Jade Dragon Japanese Cedar
Cryptomeria japonica
Bright yellow fans of dense foliage add interest all year

Dawn Redwood
‘Gold Rush’
Metasequoia glyptostroboides
Japanese Plum Yew
Cephalotaxus harringtonia ‘Duke Gardens’

The formal pyramidal habit, slow growth rate, and dwarf form make this a great conifer

Pinus bungeana

A remarkable tree, related to and similar to the better

A very slow growing tree with exquisite peeling brown bark and red fall color. A long-time favorite of plant enthusiasts and Pennsylvania Horticultural Society Gold Medal winner.

Acer japonicum ‘Green Cascade’
Fullmoon Maple
Acer olivaceum
Maple offers bright red fall color.

Acer triflorum
Elegant Maple

A very slow growing, small maple that offers peeling, golden-tan bark and trifoliate leaves that turn to

A new hybrid maple similar to Purpleblow that provides excellent heat and drought tolerance. Good candidate as shade tree for smaller landscapes. Deep, rich purple leaf color through summer.

Acer buergerianum ‘Mino Yatsubusa’
Threadleaf Trident Maple
Graceful dwarf form, with long, slender, 3-lobed leaves. Differs from straight species in leaf shape, rough bark, and brilliant orange and fiery red color in the fall.

Acer elegantissimum Elegant Maple
15-25  5-10
3 g, 1-2
$35
Extremely rare maple introduced from China in the 1990s. Part of the Japanese maple section reputed to possess verticilium resistance. Three-lobed leaves emerge bright red, fade to green in summer, return to red in fall.

Acer grandidentatum Bigtooth Maple
20-35  5-10
3 g, 3-4
$45
A western U.S. variant of sugar maple with much better heat and drought tolerance, though with similar yellow to glowing orange fall color. Plant’s mature size more in scale with urban landscapes.

Acer griseum Paperbark Maple
20-35  5-10
3 g, 5
$65
A very slow growing tree with exquisite peeling brown bark and red fall color. A long-time favorite of plant enthusiasts and Pennsylvania Horticultural Society Gold Medal winner.

Acer nipponicum Nippon Maple
15-30  5-10
3 g, 1-2
$25
Boldly textured foliage turns yellow in the fall. Attractive flowers dance in long racemes for dramatic display in spring. Distinctive, rare maple. PATRON EVENING ONLY

Acer olivaceum Olive Maple
15-25  5-10
3 g, 2-3
$45
Exceptionally rare to cultivation, this palmately-leaved maple supposedly holds its leaves late, with yellow, apricot, orange, and red colors painting the late autumn landscape. Leaves out in early spring as bright chartreuse, turning olive green.

Acer palmatum ‘Red Filigree Lace’
Japanese Maple
A new hybrid maple similar to Purpleblow that provides excellent heat and drought tolerance. Good candidate as shade tree for smaller landscapes. Deep, rich purple leaf color through summer.

Acer pseudosieboldianum ‘Eysk Sunlet’
Sycamore Maple
One of the most beautiful maples native to Virginia. Excellent choice for shade as a small tree. Patent holder: Richard M. Brasch.

Acer pseudosieboldianum ‘Sycamore Speciosa’ Sycamore Maple
40-60  5-10
3 g, 2-3
$35
Once popular in local landscapes, this plant is only occasionally seen in Virginia landscapes and old farmsteads, but deserves renewed attention. Distinctive characteristics include: attractively flaking bark on mature plants, yellow fall color, ornamental hanging fruit clusters, bold textured leaves, and toughness as a shade tree.

Acer pseudosieboldianum ‘Korean Maple’
Sycamore Maple
15-30  5-10
3 g, 1-2
$45
Sycamore maple is named for the flaky bark that develops as plants mature. Eye-popping green foliage emerges with an orange-pink variegation and changes in the summer to green splashed with white and pink, with purple undersides.

Acer pseudosieboldianum ‘Korean Maple’ Takesimense
Sycamore Maple
10-15  5-10
3 g, 2-4
$45
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### ASIMINA Pawpaw

Common as an understory tree but does equally well in full sun. Maroon red flowers adorn the naked branches March-April. Tropical looking foliage turns clear yellow in fall when delicious, banana-tasting, custard-like fruit ripen. Larval host for the Zebra Swallowtail butterfly and Pawpaw Sphinx moth.

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
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<td>'Early Golden'</td>
<td>35-60</td>
<td>☀ ☀</td>
<td>☀</td>
<td>2 g</td>
<td>1-2</td>
<td>$45</td>
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<tr>
<td>Diospyros virginiana</td>
<td>'Meader'</td>
<td>35-60</td>
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<td>☀</td>
<td>2 g</td>
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<td>2 g</td>
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<td>Male selection used as pollinator for female cultivars.</td>
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<td>Diospyros virginiana</td>
<td>'Rebecca's Gold'</td>
<td>Large, richly aromatic fruit; late maturing.</td>
<td></td>
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<tr>
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<td>'Rosebud' Flowering Apricot</td>
<td>Large, richly aromatic fruit; late maturing.</td>
<td></td>
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<tr>
<td>Diospyros virginiana</td>
<td>'Early Golden'</td>
<td>Medium-large fruit; golden flesh; earliest to ripen; late summer-early fall.</td>
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<td>'Mango' Pawpaw</td>
<td>Large fruit; mango colored flesh; earliest to ripen; late summer-early fall.</td>
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</table>

### DIOSPYROS Persimmon

A beautiful, mid-sized tree typically found growing along roadsides and in open woodland settings. The blocky bark covers ebonized color, which was once used for golf clubs. Both males and female plants produce small white flowers early summer, with only the females producing 1.5 inch fruits in fall. Wait until fully ripe before eating. Fall leaves orange and red.

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2015 SPRING PLANT SALE CATALOG:  [www.canr.udel.edu/udbg](http://www.canr.udel.edu/udbg)
**SHRUBS**

All heights of plants are in feet.

**Abelia** 'Ganony Creek' Hybrid Abelia

New foliage emerges bright yellow with copper hints, gradually green. Abundant pinkish-white flowers all summer into early fall, with fall foliage bronze with rose. 

**Abelia x grandiflora 'Mindau 1'

Fragrant, pale yellow flowers, with splashes of pink and orange in the throat, appear mid summer-fall. Compact plant, excellent for foundation, groundcover, and massing.

**Amelanchier laevis**


**Berberis** 'William Penn'

On average, 3-2" in diameter. Grown as a hedge or specimen, it has dense, narrow, evergreen, glossy leaves. It has few thorns, and is drought tolerant. Excellent for foundation plantings in Zones 2-8. 

**Buddleia** 'Tubudove';

A great small tree for residential properties, it has numerous dense clusters of pink flowers. The amethyst-colored fruit cloak the stems late summer-fall. Award of Garden Merit by Royal Horticultural Society.

**Callicarpa dichotoma** 'Early Amethyst'

The small white flowers with prominent yellow stamens begin to open in early summer. The hardy tea plant makes a small bushy shrub so fits into a sheltered microclimate in colder regions. You can make your own green tea by harvesting the soft new growth of leaves, with no damage.

**Camellia japonica**

Tea

Grown as a crop for thousands of years, the tea plant is also an interesting ornamental. The amethyst-colored fruit cloak the stems late summer-fall. Beautiful purple flowers appear in the spring. The tea plant is also an interesting ornamental.

**Camellia sinensis**


**Caryopteris x clandonensis** 'Lisaura'

A deep-rooted, prairie native perfect for meadow plantings; drought tolerant and soil stabilizer. The 3-6 inch purple flower spikes appear early-mid summer; great source of nectar.

**Caryopteris x clandonensis 'Lisaura'

**Buddleia** 'InSpired™ Valentine'

A deep-rooted, prairie native perfect for meadow plantings; drought tolerant and soil stabilizer. The 3-6 inch purple flower spikes appear early-mid summer; great source of nectar.

**Buddleia** 'Lisaura'

The lavender flowers shroud the naked stems April-May, with silver grey leaves in summer. Magnet for adult butterflies.

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Botanical Plant Sale Catalog

**Cornus alba® Baton Rouge™**
Photo: Rick Darke

**Croton alabamensis**
Photo: Melinda Zolzer

**Deutzia 'Nikko'**
Photo: Melinda Zolzer

**Chimonanthus praecox 'Luteus'**
Photo: Rick Darke

**Cornus alba**

**Latin Name** | **Common Name** | **Mature Size** | **Light** | **Soil** | **Plant Size** | **Price**
--- | --- | --- | --- | --- | --- | ---
Ceanothus americanus | New Jersey Tea | 3-4 | ☀ | ☀ | 1 g, 1 | $20
Found on dry slopes throughout the east, 2-inch clusters of white flowers appear in summer. Highly underutilized, compact native plant. N

*Cercis* ‘Pink Pom Pons’ Redbud

15-25 | ☀ | ☀ | 10 g | 5-7 | $135
Dr. Dennis Werner of North Carolina State University combined the best of both parents (’Flame’ x ‘Oklahoma’) to yield a plant with very large, dark pink, pompom-like double flowers that adorn the stems prior to leaves. Plants are sterile. N

*Cercis canadensis* ‘Hearts of Gold’

Eastern Redbud

15-25 | ☀ | ☀ | 7 g | 5-7 | $95
Heart-shaped gold foliage emerges with scarlet tones before turning chartreuse in the summer; won’t burn in full sun. Lavender-purple flowers emerge before the foliage. N

*Cercis canadensis var. texensis* ‘Oklahoma’

Texas Redbud

12-18 | ☀ | ☀ | 15 g | 8-10 | $135
Native to Oklahoma and Texas, demonstrating outstanding drought tolerance on a compact plant. Flowers more intensely colored magenta than species. N

*Chuenomeles speciosa* ‘Dragon’s Blood’

Flowering Quince

3-4 | ☀ | ☀ | 3 g, 3 | $35
Profusion of blood red, double flowers on the naked stems add dazzling color in garden March-early April. Compact size ideal for smaller gardens.

*Chimonanthus praecox* ‘Winterwetter’

8-12 | ☀ | ☀ | 3 g, 2 | $35
Extraordinarily fragrant, small pale yellow, pendulous, bell-shaped flowers in late February.

*Chimonanthus praecox* ‘Luteus’

Winterwetter

8-12 | ☀ | ☀ | 3 g, 2-3 | $65
An extremely rare plant, selected for its clear yellow flowers, which arrive late winter-early spring. Cut springs in winter to bring inside for fragrant delight.

*Chimonanthus reticulatus* ‘White Knight’

Fringetree

5-8 | ☀ | ☀ | 2 g, 1 | $35
Ideally suited to the smaller garden, this male cultivar grows less than half the size of the species. Frotchly fragrant white flowers in spring. N

*Clerodendrum trichotomum* Harlequin Glorybower

1-10 | ☀ | ☀ | 5 g, 3-4 | $25
A tropical plant best grown as a cut-back shrub in our area. Deliciously fragrant flowers begin in July, continue to frost. As fruits turn white to porcelain then deep blue, the sepals are a vibrant red.

*Clethra alnifolia* ‘Sixteen Candles’

Summersweet

2-3 | ☀ | ☀ | 3 g, 2 | $35
Selected by plantsman Michael Dirr for its more compact habit and larger flower clusters than ‘Hummingbird’, though with same fragrant, ivory flowers mid summer. N

*Corokia biennis* ‘Garden Glow’

Tatarian Dogwood

3-5 | ☀ | ☀ | 5 g, 1-2 | $45
Dr. Harold Peller at the University of Minnesota Landscape Arboretum received as seed reputedly of *Corokia hesselii*, an invalid name, more likely *Corokia alba* ‘Hessel’. Regardless of name confusion, this compact plant has chartreuse foliage throughout the summer with red and purple hues in fall. White flowers clusters, white berries mid summer, and red stems for winter interest round out attributes. G R

*Corokia biennis* ‘Minib’

Baton Rouge™ Tatarian Dogwood

3-4 | ☀ | ☀ | 3 g, 2-3 | $35
Flat-topped clusters of white spring flowers mature into white fruit mid summer. Leaves turn purple-red in fall, with bright scarlet-red stems for winter interest. G R

*Corokia alternifolia* Pagoda Dogwood

15-25 | ☀ | ☀ | 5 g, 4-6 | $35
A much-underated native shrub with distinctive horizontal branching habit, white flowers April-May, blue-black fruit in late summer (many birds species relish), and rich burgandy foliage in fall. N G R

*Cornus alba* ‘Comco No. 1’

Cherokee Brave® Flowering Dogwood

15-25 | ☀ | ☀ | 3 g, 2-3 | $65
Our native flowering dogwood with a twist: red bracts. Plants are similar to the species in all else: stature, burgundy-red fall foliage, and dark red fruit fancied by birds. Demonstrates good mildew resistance. N G R

*Cornus florida* ‘Karen’s Appalachian Blush’

Flowering Dogwood

15-25 | ☀ | ☀ | 7 g, 5 | $75
Introduced by the University of Tennessee, with improved disease resistance and larger than normal white bracts, blushed pink at the edges. Red fall color and fruit. N G R

*Cornus florida* ‘Kai’s Appalachian Mist’

Flowering Dogwood

15-25 | ☀ | ☀ | 3 g, 3-4 | $65
The large white bracts have purple clefts, contribute to stunning spring show. Plants display the burgundy red fall foliage and red fruit of the species, with great mildew resistance. N

*Cornus houtou* ‘Okan’ Chinese Dogwood

15-25 | ☀ | ☀ | 3 g, 3-4 | $65
Variegated foliage is deep green in the center, edged with creamy golden margin. In fall, foliage develops dazzling display of yellow, orange and red superimposed on variegated leaves. Large white dogwood flowers appear late spring, yielding raspberry-red fruit in fall. G R

*Cornus mas* ´Golden Glory´

Cornelian Cherry Dogwood

15-20 | ☀ | ☀ | 3 g, 3-4 | $45
Abundant bright yellow flowers in March–beacon spring. Selected for its increased flower production and more upright habit, a useful trait in smaller residential landscapes. G R

*Cornus sanguinea* ´Midwinter Fire´

Bloodtwig Dogwood

8-10 | ☀ | ☀ | 3 g, 3-4 | $35
Winter stems ablaze, with fiery-orange bases that transition to yellow, pink, and red; great for cutting to display indoors or in outside container. Cut back late winter-early spring to encourage brilliant stem color. In spring, 2 inch white flower clusters mature into black-blue fruit; golden yellow fall color. G R

*Corokia sericea* ´Farwell´

Arctic Fire™ Redtwig Dogwood

3-4 | ☀ | ☀ | 3 g, 2-3 | $35
[Syn. *Cornus stolonifera*] Dwarf red-twig dogwood well suited for foundation and small garden areas. White flowers and fruit, with bright, bluish-red stems in winter. N

*Corylopsis pauciflora* ´Penzance´

Buttercup Winterhazel

4-6 | ☀ | ☀ | 1 g, 2-3 | $25
The smallest and most graceful of the winterhazes and difficult to find in the trade. Fragrant, primrose yellow flowers appear early spring before forsythia. While flower clusters are smaller than other winterhazes, sheer quantity makes up for size.

*Corylus avellana* ´Red Dragon´

Purple-leaved Contorted Filbert

6-10 | ☀ | ☀ | 15 g, 4-5 | $175
Imagine Harry Lander’s walking stick’s contorted stem, a more upright habit, rich purple leaves, and twisted purple catkins in early spring, and that’s ‘Red Dragon’. G R

*Corokia americana* American Hazelnut

8-12 | ☀ | ☀ | 3 g, 2-3 | $35
Part of our regional woods, typically seen as an understory plant but in full sun becomes denser, fruits heavier, and shows intense coppery-red fall color: Wildlife love nuts. N

*Colodium obovatum* American Smoketree

15-30 | ☀ | ☀ | 3 g, 3 | $35
Shiny orange and red foliage in the autumn. Bellowy hairs attached to flower clusters turn smoky pink-purple in summer, covering shrub with fluffy, hazy, smoke-like puffs. N

*Colutea arborescens* ´Streib’s Findling´

Bearberry Cotoneaster

1 | ☀ | ☀ | 1 g, <1 | $20
One of the lowest growing cotoneasters, often less than 6 inches tall, thus bonsai candidate. The small dark green foliage turns reddish purple in fall, continuing through winter. abundant white flowers in spring, red fruit in fall. G R

2015 SPRING PLANT SALE CATALOG: www.canr.udel.edu/plantg
**Disanthus cercidifolius**

Sun loving and salt tolerant, this plant has silver-edged foliage, white flowers in spring, cranberry sized red fruit in fall and burgundy foliage through winter. Great for slopes. $35

**Cotoneaster pannosus 'Nana' Silverleaf**

Cotoneaster

Sun loving and salt tolerant, this plant has silver-edged foliage, white flowers in spring, cranberry sized red fruit in fall and burgundy foliage through winter. Great for slopes. $35

**Cotoneaster salicifolius 'Scarlet Leader'**

Cotoneaster

Sun loving and salt tolerant, this plant has silver-veined Wintercreeper. $35

**Cytisus scoparius 'Burkwoodii'**

Scotch Broom

Prolific red flowers, tinged with yellow, shroud the bright green winter stems in spring. A nitrogen fixer, thus excellent in poor soils. Cut back plants after flowering to maintain compactness. $45

**Daphne odora 'Mae Jima' Winter Daphne**

Daphne

Striking creamy-gold leaf margins bestow year-round interest. Extremely fragrant, carmine pink to white flowers February-March. Well-drained soil a must. $25

**Daphniphyllum macropodum**

Daphniphyllum

Broadleaved evergreen shrub with elongated leaves that resemble rhododendron leaves. Dark maroon flower buds appear early spring, abundant purple-blue fruits on female plants in fall and winter. $20

**Deutzia gracils 'Nikko' Deutzia**

Compact, arching habit useful when planted in masses or as foundation planting; very drought tolerant once established. White flowers clothe the plant in spring. $35

**Disanthus cercidifolius 'Blue Shadow'**

Blue Cascade™ Isu Tree

Appropriately named as plants are short with cascade habit, ideal for foundations and front of shrub border. Slender, blue-green evergreen foliage sets off small red spring flowers. Zone 7. $45

**Dorothy May**

'APF-1007'

An evergreen vine with fragrant, golden yellow flowers late winter-early spring. Well-behaved, this vine is hardier, with larger flowers than straight species. $25

**Exochorda 'Blue Shadow'**

Fothergilla

A new twist on an old favorite that offers a compact habit, profusion of clear white flowers, and interesting winter seed capsules. $35

**Exochorda 'Snow Mountain'**

Fothergilla

New evergreen groundcover with extremely narrow, silver-veined leaves. Little to no fruit production eliminates weeding. $20

**Forsythia × intermedia**

Forsythia

Exceptionally low-growing, compact and spreading forsythia covered with abundant bright yellow flowers. $25

**Gelsemium sempervirens 'Margarita'**

Carolina Jessamine

An evergreen vine with fragrant, golden yellow flowers late winter-early spring. Well-behaved, this vine is hardier, with larger flowers than straight species. $25

**Halesia diptera var. magniflora**

Witch Hazel

A stunning native plant with branches draped with white, 1-inch, bell-shaped flowers in spring, larger than other silverbell species. Fruits furnish winter ornamental interest. $75

**Hydrangea 'Ayesha'**

Vibrant, coppery-orange; four-petaled flowers show as early as late January, continuing for a month or more, depending on weather. $75
Hydrangea aspera ssp. macrophylla  
**Rough-Leaved Hydrangea**  
Seldom seen in garden centers, with leaves covered in velvety soft hairs. Summer flower clusters have sterile white flowers that surround center of pale purple fertile flowers.  

Hydrangea chinensis **Taiwanese Hydrangea**  
3-5  
1 qts, 3 g, 1-2  
$35  
Superb form originating at Quarryhill Botanic Gardens. Green elliptical leaves pair nicely with large flattened corollas of white fertile flowers, fringed in pure white sterile flowers. Hardy to Zone 7, possibly lower. **PATRON EVENING ONLY**  

Hydrangea macrophylla  
**Everlasting® Revolution Hydrangea**  
2-3  
1 qts, 1 g, 1-2  
$20  
An ever-blooming, large-leaved hydrangea that displays flowers all summer into fall. Flowers fade to combinations of deep pink, maroon and true blue, with green highlights as they age.  

Hydrangea macrophylla **'Yoshita'**  
Bigleaf Hydrangea  
3-5  
1 g, 1-2  
$35  
The unusual flower is bicolor; pale pink or maroon on the edge to white in the center of the cup-shaped petals of this mophead inflorescence.  

Hydrangea macrophylla  
**'Kokomarevo'**  
Lacecap Hydrangea  
4-5  
1 qts, 1 g, 1  
$20  
From Izu Peninsula in Japan, with infertile flowers suspended on graceful peduncles. Lilac-pink, double ray florets surround center; dark green foliage.  

Hydrangea macrophylla  
**'Izu-no-Hana'**  
Lacecap Hydrangea  
4-5  
1 g, 1-2  
$20  
Lacecap hydrangea with pink to white flowers that fade to a rich burgundy-rose in late summer and fall. Mahogany red stems stunning.  

Hydrangea macrophylla  
**'Masja'**  
Bigleaf Hydrangea  
3-4  
1 g, 1-2  
$35  
A mophead hydrangea with a compact habit and vivid pink to red flowers in mid summer. Great for perennial border, foundation plantings, patio containers.  

Hydrangea macrophylla  
**'Pia'**  
Bigleaf Hydrangea  
2-3  
1 g, 1-2  
$35  
One of the smallest of the bigleaf hydrangeas, offering pink, ball-shaped flower clusters in most any soil. Flowers on previous season’s wood.  

Hydrangea paniculata **'Bulk'**  
Quick Fire™ Panicle Hydrangea  
6-8  
1 qts, 1 g, 1-2  
$35  
Mid-sized plant that flowers mid-late summer, then finishes year with striking pinkish-red clusters. Easy to grow, and blooms every year.  

Hydrangea paniculata  
**'SUNOBO'**  
Bobo® Panicle Hydrangea  
2-3  
1 g, 1-2  
$35  
A new achievement in compact panicle hydrangeas. Massive, billowy white flower clusters in mid-late summer, turn light pink in autumn.  

Hydrangea quercifolia  
**'Munchkin'**  
Oakleaf Hydrangea  
3  
1 qts, 1 g, 1-2  
$35  
A compact plant bred at the U.S. National Arboretum, with 6.5 inch long white flowers that fade to pink in fall for lovely contrast to burgundy fall leaves. **N**
### Illicium mexicanum ‘Aztec Fire’
Mexican anise-tree
Resembling our native anise tree, though slightly narrower foliage, propensity to flower a little in fall, and red star-shaped fruit are noticeable differences.

### Lagerstroemia flowers appear summer
and spring turns screaming yellow in fall, then parchement colored in winter with bright red stems.

### Lonicera nitida
emit orange-red, mature bronze green, then deep red in autumn. White flowers.

### Leucothoe ‘Shang-hi’
kum of evergreen foliage. Protect from winter wind. Hardy Zone 7.

### Double Feature™ Crapemyrtle

### Diamond Dazzle® Crapemyrtle
leaves, even in full sun. Vine hardy to zone 6 but may die back to the ground, limiting vine flowering following year.

### Whitewater® Drooping Leucothoe

### Magnolia ashei

### Magnolia ‘Judy Zuk’

### Magnolia ‘Katie-O’

### Magnolia ‘Vulcan’

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</tbody>
</table>

**Magnolia**

One of John Frett’s absolute favorite groups of plants. Offered below is a great selection of magnolia hybrids, from small to large, white to red to yellow to pink blooms, early to late flowering, and some extremely rare. Some are old favorites, many are first time offers.

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size, Plant Size</th>
<th>Price</th>
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**BotG Plant Sale Catalog 2015 v3.indd 17**
2015 SPRING PLANT SALE CATALOG: www.canr.udel.edu/udbg
### Mahonia ‘Soft Caress’

- Common Name: Falseholly
- Latin Name: Mahonia
- Mature Size: 2-3 ft
- Light: Sun
- Soil: Average
- Pot Size: 1-2 g
- Price: $35

- Description: Evergreen, prostrate; fragrant white flowers; spring-early summer; needs protected site.

### Nerissa alabamensis

- Common Name: Alabama Snow-wreath Tree Peony
- Latin Name: Paeonia
- Mature Size: 2-4 ft
- Light: Sun
- Soil: Average
- Pot Size: 1-2 g
- Price: $25

- Description: Highly upright, dense and compact habit. Brilliant red young foliage, deep green mature growth, bright in fall-winter. No fruit on this new selection. A dwarf mock orange sized more like a perennial than a shrub. The double white spring flowers have a strong sweet fragrance. Perfect for small spaces.

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size</th>
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<tr>
<td></td>
<td>‘Koromo Shikibu’</td>
<td>3-5 g</td>
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<td>1-2 g</td>
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<td>$35</td>
</tr>
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</table>

### Pterostyrax hispida

- Common Name: Sweet Drift® Rose
- Latin Name: Rosa
- Mature Size: 2-3 ft
- Light: Sun
- Soil: Average
- Pot Size: 1-2 g
- Price: $25

- Description: Formerly ‘Meiswetdom’ White Drift® Rose. A nicebark that offers dark burgundy foliage with red stems and pinkish-white spring flowers, similar to ‘Diabolo’ though very compact. A tiny, semi-erect, deciduous shrub with a graceful, arching habit. No fruit on this new selection.

### Oyama Magnolia

- Common Name: Sweet Drift® Rose
- Latin Name: Magnolia
- Mature Size: 4-6 ft
- Light: Sun
- Soil: Average
- Pot Size: 3 g
- Price: $35

- Description: Formerly ‘Kohto’. This new selection is an upright, dense, deciduous shrub. Interesting and unusual, the foliage turns a bright red this fall. Fragrant, yellow flowers in spring. A dwarf tree with fragrant yellow flowers in spring-early summer. Perfect for small spaces.

### Star Magnolia

- Common Name: Sweet Drift® Rose
- Latin Name: Magnolia
- Mature Size: 5-8 ft
- Light: Sun
- Soil: Average
- Pot Size: 3 g
- Price: $35

- Description: Developed by French Pierre Lemoine in late 1800s-early 1900s but seldom seen in gardens. Sweet fragrance in mid summer on single, creamy flowers; plant where you can appreciate. PATRON EVENING ONLY

### Miembros del Jardín Botánico

- Common Name: Sweet Drift® Rose
- Latin Name: Magnolia
- Mature Size: 8-15 ft
- Light: Sun
- Soil: Average
- Pot Size: 3 g
- Price: $35

- Description: Developed by French Pierre Lemoine in late 1800s-early 1900s but seldom seen in gardens. Sweet fragrance in mid summer on single, creamy flowers; plant where you can appreciate. PATRON EVENING ONLY
V. most other lilacs.

Compact form bearing rich, red-purple buds that open to fragrant, pinkish white after Syringa early spring with good mildew resistance.

Spiraea 'JFS-E' Snow Charm® Japanese Snowbell

'SMSJGP7' Bloomerang® Lilac

Japanease Snowbell

Selected from a seedling population and vegetatively propagated for a consistent round flower form with fragrant white, pendulous flowers in spring. Yellow fall foliage. Important pollinator for bees.

Syriat 'JFS-E' Japanese Snowbell

Introduces the late J.C. Raulston, this selection is the largest flowered and most vigorous Japanese snowbell. Star-shaped, 1-inch white flowers in spring as captivating on plant as when they carpet the ground. Important pollinator for bees.

Syriat 'JFS-E'

Selected from a seedling population and vegetatively propagated for a consistent round flower form with fragrant white, pendulous flowers in spring, pinkish white after most other lilacs.

'Patriot' Highbush Blueberry

Excellent small groundcover shrub. In spring, delicate white flowers attract numerous pollinators, necessary for producing delicious small blueberries in late summer. Fall foliage brilliant orange, red and scarlet. V. × pragense

Vaccinium corymbosum 'Jersey'

This plant is packed with great features: white, bell-shaped spring flowers, blueberries in summer, orange-red fall foliage, and reddish stems in winter. V. × pragense

Vaccinium angustifolium 'Bucks'wich

Lowbush Blueberry

Excellent small groundcover shrub. In spring, delicate white flowers attract numerous pollinators, necessary for producing delicious small blueberries in late summer. Fall foliage brilliant orange, red and scarlet. V. canadensis

Vaccinium corymbosum 'Patriot'

Highbush Blueberry

Is it a landscape shrub or a small fruit bush? Both. Abundant white flowers in May and June then powder-blue fruit, perfect for muffins and pancakes. Red to orange autumn color. V. × pragense

Viburnum 'Le Bois Marquis'

Handsome Devil™ Viburnum

A hardy evergreen viburnum with young spring leaves flushed bronze-red, green for summer, and red hues for producing delicious small blueberries in late summer. Fall foliage brilliant orange, red and scarlet. V. macrostachya

Viburnum 'Nantucket' Viburnum

Another outstanding U.S. National Arboretum release from Dr. Egolf's breeding program. Abundant 3 inch diameter white clusters of fragrant flowers in spring, bright red fruit in fall. V. macrostachya

Viburnum 'Prairie' Pearlac™Viburnum

In spring, this small evergreen has pink buds that open white, slightly fragrant. Attractive red fruit in summer, mature to black in fall. V. macrostachya

2015 SPRING PLANT SALE CATALOG: www.canr.udel.edu/sdbg
PERENNIALS
All heights of plants are in feet.

**Achillea millefolium** 'Bears Breeches'
Grown as much for its deeply lobed, shiny bold leaves as it is for its architecturally striking, 3-foot-tall, snapdragon-like flower spikes of creamy white and purple flowers. The leaf shape believed to be the inspiration for the Corinthian column. Has survived 5 years in UDBG's Herbaceous Garden, Zone 7.

**Anemone canadensis**
Part of the Seduction™ series bred in the Netherlands, with velvety-red heads with bright gold centers early summer-fall.

**Ajuga reptans** 'Valfredda'
Chocolate Chip Bugleweed Originating in Italy, this cultivar has small, narrow, chocolate-purple leaves that form a dense mat, which helps to suppress weeds. Three-inch blue flower spikes in spring important for early pollinators.

**Alchemilla mollis** 'Auslose' Lady's Mantle Sprays of frothy chartreuse flowers adorn clumps of large grey-green leaves in spring. After a rain, the scalloped-shaped leaves collect raindrops and dew, moving about like liquid mercury.

**Allium senescens** 'Blue Eddy'
Ornamental Onion Charming plant for the rock, herb, or front of the perennial garden, with lilac pink flowers appearing mid summer. Selected for its pinwheel-like, compact rosettes of powder-blue leaves, resembling 'swirling eddies of water.'

**Anemone canadensis** Meadow Anemone A subtle beauty native to low-lying moist areas, perfect for planting near stream and pond edges. Buttercup-like, single white flowers with yellow stamens appear May to June.

**Aruncus aesthusifolius** Dwarf Goat's Beard Diminutive, clump-perennial with astilbe-like plumes of creamy white flowers rising above the foliage in spring.

**Asclepias incarnata** Swamp Milkweed Great, low-growing groundcover with glossy, evergreen, heart-shaped leaves. Unusual, jag-shaped, purple-brown flowers, lie mostly hidden beneath leaves.

**Asclepias incarnata** Swamp Milkweed Fragrant, showy, pink-mauve flowers appear mid summer to fall. Butterflies and pollinators adore. Tolerates both wet and dry soils.

**Aster ericoides** var. prostratus 'Snow Flurry'
Heath Aster (Syn: Symphyotrichum) Rigid, horizontally sprawling stems and stiff, green needle-like leaves make an excellent groundcover, forming a bright white carpet in autumn.

**Astrilbe 'Delft Lace'** 2-3 Bright red stems with pink flower plumes and deep pink buds are striking contrasted with deep green foliage.

**Asclepias thunbergii** var. terricris Astilbe Dwarf, moundling astilbe native to Japan, with short spikes of light pink flowers in early summer. **PATRON EVENING ONLY**

**Calamintha nepeta** var. nepeta 'White Cloud' A mint family member, with upright stems covered in small, light green, aromatic, deer-resistant leaves. Late June-fall, a frothy cloud of tiny pale lavender flowers light up the garden.  

**Chrysogonum virginianum** 'Allen Bush'
Green and Gold Named after plantsman Allen Bush, this compact woodland groundcover has shiny, semi-evergreen foliage and bright yellow, daisy-like flowers occurring spring through summer. N

**Clematis**
An extremely versatile and long-lived vine, clematis has a wide range of uses in the garden, whether scrambling through a shrub or tree, clambering up a trellis or arbor, enriching a perennial border or enlivening a container. Flowering late winter to late fall, in a variety of flower shapes, sizes and colors.

**Clematis 'Etoile d'Or'** Bourbon Clematis 4-6 Vibrant red, 5 inch flowers with frilly yellow centers; flower late spring/early summer on last year’s growth and on short canes from new growth. Cut back each stem about 6-8 inches, right above point where it branches in late winter/early spring before new growth begins.

**Clematis 'Ragley Hybrid'** Clematis (also sold as Pink Fluffy™) Compact, very floriferous vine; 5-inch, shell-pink flowers with purple anthers summer-fall; flowers on new growth each year; prune back hard late winter/early spring to strong leaf buds, longer if training for overhead structure.

**Clematis 'Booguchi'** Clematis 6-8 Herbaceous, non-twining; may desire staking; heavy bloomer; cobalt blue, bell-shaped, 2-inch flowers summer-fall; flowers on new growth each year; to prune, find buds swelling in spring, remove all dead growth just above them.

**Clematis montana var. rubens** Clematis 10-12 Vanillia scented, soft pink, 2.5-inch flowers spring; flowers on last year’s growth; prune after flowering to encourage flowering and new growth.

**Clematis texensis** 'Princess Diana' Scarlet Clematis 6-8 Vibrant flower on last year’s growth; hardy; prune back to just above a strong pair of leaf buds.

**Clematis ritteri** 'Venosa Violacea' Clematis 6-8-10 Twining herbaceous perennial; heavy bloomer mid summer-fall; single open, 4-inch white flower, veined and etched in deep purple, dark purple and white stamens; prune late winter/early spring; flowers on new growth; moist, well drained alkaline or neutral.

**Filipendula rubra**
A mint family member, with upright stems covered in small, light green, aromatic, deer-resistant leaves. Late June-fall, a frothy cloud of tiny pale lavender flowers light up the garden. N
**Crinum ‘Hannibal’s Dwarf’**
Crinum Lily
Dwarf crinum multiplies fast. Large, deep pink flowers held 1 foot above green, strap-like leaves, which are attractive all season. Reblooms in fall. Hardy Zone 7a.

**Echinacea ‘Cheyenne Spirit’ Coneflower**
Vivid range of colors—purple, pink, red, orange to lighter cream—produced on well-branched plants late June-early frost. Tolerates nutrient-poor soil. Spent cones visited by goldfinches.

**Echinacea purpurea ‘Pas02917’**
PoW沃 Wild Berry Coneflower
Compact plant with stunning, dark red-purple flowers that last summer-fall without deadheading. Tolerates nutrient-poor soil. N <b>ES</b>

**Echinacea purpurea ‘Pas02917’**
PoW沃 Wild Berry Coneflower
Compact plant with stunning, dark red-purple flowers that last summer-fall without deadheading. Tolerates nutrient-poor soil. N <b>ES</b>

**Epimedium pauciflorum Barrenwort**
(Epimedium barrewnort)
Compact plant with stunning, dark red-purple flowers that last summer-fall without deadheading. Tolerates nutrient-poor soil. N <b>ES</b>

**Epimedium stellatum 'Wudang Star'**
Barrenwort
Evergreen perennial with spiny leaves that emerge with maroon flecks. Loose sprays of small, star-shaped white flowers with minute yellow spurs. PATRON EVENING ONLY

**Eryngium yuccifolium**
Rattlesnake Master
Small, star-shaped white flowers with minute yellow spurs. PATRON EVENING ONLY

**Eupatorium coelestinum**
Starry white flowers stunning contrast to the foliage. Oudolf’s designs.

**Filipendula rubra 'Queen of the Prairie'**
Statuesque, back of the border beauty, distinguished by large, cloud-like plumes of fragrant, deep pink flowers that fade to salmon pink, alongside jagged, maple-shaped foliage. Blooming July-August, Queen of the prairie is a staple in the matrix of Piet Oudolf’s designs. N<sup>1</sup>

**Fragaria 'Mara des Bois'**
Strawberry
An everbearing variety that produces fruit summer-early fall its first year; subsequent years produce heavy spring crop with continued production throughout the growing season. Plump, firm, sweet, and exceedingly tasty small red berries, with vigorous runners.

** Gentiana ‘True Blue’**
Sword Lily
True love for blue-color flower fans. A Darrell Probst introduction, with large, 2-inch, pure blue, open flowers July-September. Well-drained soil a must.

**Gladiolus ‘Atom’**
Hardy Gladiolus
In July, three-foot tall stems carry eye-catching, brilliant orange-red flowers outlined in white. Great as a cut flower. Well-drained soil a must.

**Hemerocallis ‘Voyles Unnamed Hybrid’**
Daylily
A very floriferous species, with fragrant, lemon-yellow, recurved, 3-inch flowers opening in early evening, lasting until following day. Flower scapes rise 4.5 inches above narrow foliage.

**Hemerocallis citrina Daylily**
Compact, 2-inch wide, Hemerocallis niger-like clump of dark green leaves, highlighted by bright red veins. Large, 2.5-inch pink tinged white flowers in winter.

**Hemerocallis ‘Golden Lotus’ Daylily**
Large double yellow flowers, tinged with pink picotee edge and back. March-April.

**Hemerocallis ‘Cheyenne Spirit’ Coneflower**
Christmas Rose
Compact. 20-inch wide, Hemerocallis niger-like clump of dark green leaves, highlighted by bright red veins. Large, 2.5-inch pink tinged white flowers in winter.

**Hemerocallis x ericsmitthii ‘Candy Love’**
Christmas Rose
Compact. 20-inch wide, Hemerocallis niger-like clump of dark green leaves, highlighted by bright red veins. Large, 2.5-inch pink tinged white flowers in winter.

**Hemerocallis ‘Candy Love'’**
Daylily
Fragrant yellow flowers are very late bloomers and held on long stems above foliage. Former Director Christopher Woods was the source of this much-admired plant in the borders at Chanticleer Gardens in Wayne, Pennsylvania.

**Hecuba ‘Carnival Peach Parfait’**
Coral Bells
Compact cultivar with peachy leaves lined with deep orange veins and silver highlights.

**Hecuba villosa**
In its genes imparts heat and humidity tolerance.

**Hosta ‘Chinese Sunrise’**
Plantain Lily
An easy-to-grow evergreen perennial with masses of lime-green flowers late winter. Deer resistance compelling reason to grow.

**Hosta ‘Fragrant Lily’**
Compact plant with stunning, dark red-purple flowers that last summer-fall without deadheading. Tolerates nutrient-poor soil. N <b>ES</b>

**Hosta ‘Harvest Dawn’**
Plantain Lily
A hybrid of H. sieboldii ‘Paxton’s Original’, with 5-inch long, lance-shaped, glossy dark green leaves with wavy edge, topped by lavender flowers in summer.

**Hosta renoultii ‘Vanessa’**
Plantain Lily
A sport of rare Korean native and prized in Japan, with heart-shaped, 1-inch wide green leaves with yellow margin. In late summer, small purple flowers.

**Iris ‘Voyles Unnamed Hybrid’**
Daylily
A very floriferous species, with fragrant, lemon-yellow, recurved, 3-inch flowers opening in early evening, lasting until following day. Flower scapes rise 4.5 inches above narrow foliage.

**Iris ‘Eugenia’**
A hybrid of H. sieboldii ‘Paxton’s Original’, with 5-inch long, lance-shaped, glossy dark green leaves with wavy edge, topped by lavender flowers in summer.

**Iris ‘Voyles Unnamed Hybrid’**
Daylily
A sport of rare Korean native and prized in Japan, with heart-shaped, 1-inch wide green leaves with yellow margin. In late summer, small purple flowers.

**Iris ‘Voyles Unnamed Hybrid’**
Daylily
A very floriferous species, with fragrant, lemon-yellow, recurved, 3-inch flowers opening in early evening, lasting until following day. Flower scapes rise 4.5 inches above narrow foliage.
**Woodland Phlox**
*Phlox divaricata* 'Little Star'
Lungwort
*Pulmonaria*

- Mildew resistant when in full sun.

**Phlox paniculata** 'Jeana'
Garden Phlox

- Introduced by garden designer Piet Oudolf; fragrant deep blue flowers with white eye.

**Phlox paniculata** 'Blue Paradise'
Garden Phlox

- Introduced by garden designer Piet Oudolf; fragrant deep blue flowers with white eye.

**Lonicera sempervirens** 'John Clayton'
Honeysuckle

- Bluish-green foliage and large clusters of narrow, bright yellow flowers late spring-summer's end. Fast grower for pergolas, trellises, arbors, tuteurs.

**Meehan's Mint**
*Meehania cordata*

- Dark green foliage spreads on long trailing stems that root quickly into the soil, making a great groundcover or addition to containers. Charming blue-violet flowers in late spring.

**Monarda bradburiana**
Balsam

- Light pink, galliardia-shaped flowers start in May; no mildew nor deer browse, plus great magnet for hummingbirds and butterflies.

**Liatris microcephala**
Dwarf Blazing Star

- Trailing groundcover of light green leaves covered in fragrant, violet-blue flowers in spring. The straight species grows in tough conditions in the local White Clay Creek Preserve woods.

**Lilium**

- A tropical woody vine with attractive, thick waxy leaves and white flower fragrance reminiscent of jasmine. Summer outdoors, bring indoors in winter.
ADDITIONAL PLANTS

Below are plants that we couldn’t fit into the catalog or are available in smaller quantities. These plants will be offered on all four (4) sale days, as long as supplies last.

**TREES**
- Cercidiphyllum japonicum ‘Pendula’
- Cercidiphyllum japonicum ‘Rotfuchs’
- Populus grandidentata
- Prunus mume ‘Kinsuji’

**SHRUBS**
- Callicarpa americana
- Camellia ‘Winter’s Cupid’
- Camellia hiemalis ‘Greens Blues’
- Camellia hiemalis ‘Shishigashira’
- Castanea pumila
- Cercis canadensis ‘Alley Cat’
- Cercis canadensis ‘Burgundy Hearts’
- Chionanthus virginicus ‘Pygmaeus’
- Daphne mezereum
- × Fatsheera lizei
- × Gordinia grandiflora
- Hamamelis × intermedia ‘Barmstedt Gold’
- Ilex diphyllephylloides × I. cornuta
- Indigofera pseudotinctoria ‘Rose Carpet’
- Itea oldhamii
- Ilex × intermedia ‘Min Pyong Gal’
- Ilex × intermedia ‘‘Aschill Kalleberg’
- Pyracantha ‘Mohave’
- Rhododendron ‘Exbury Red’
- Rhododendron periclymenoides
- Rosa banksiana
- Rosa rugosa ‘Frau Dagmar Hartop’
- Saxa veitchii
- Spiraea chinensis ‘Ogon’
- Styx japonicus ‘Snowcone’

**PERENNIALS**
- Agastache ‘Black Adder’
- Agastache ‘Double Bubble’
- Ajuga ‘Metallica Crispa’
- Ajuga reptans ‘Variegata’
- Aquilegia ‘Swan Yellow’
- Aquilegia ‘Spring Magic Blue & White’
- Allium cernuum
- Allium lusitanicum ‘Summer Beauty’
- Asclepias tuberosa
- Aster divaricatus
- Athyrium niponicum var. pictum ‘Regal Red’
- Baptisia cultivars
- Bletilla × intermedia ‘Moongal’
- Campanula persicifolia ‘Blue Bloomers’
- Carex ciliatomarginata ‘Treasure Island’
- Carex oshimensis ‘Evergold’
- Ceratostigma plumbaginoides
- Chelone glabra
- Chelone lyonii ‘Bot Lips’
- Chrysanthemum ‘Butter’
- Chrysanthemum ‘Glace’
- Coreopsis ‘Red Saini’
- Coreopsis triperti
- Corydalis chelanthifolia
- Corydalis omeiana
- Delphinium cultivars
- Dipsorium cantoniense ‘Night Heron’
- Echbeckia ‘Orange’ Summerina™
- Echinacea species
- Eryngium × zabelli ‘Big Blue’
- Euphorbia × martini ‘Ascot Rainbow’
- Euphorbia amygdaloides var. robbiae
- Festuca glauca ‘Casca11’
- Gaura lindheimeri ‘Rosyjane’
- Geranium ‘Gerwat’
- Geranium ‘Gewa’
- Geranium cultivars
- Helianthus cultivars
- Heuchera cultivars
- Hamamelis × intermedia ‘Barmstedt Gold’
- Ilex crenata
- Ilex × intermedia ‘Min Pyong Gal’
- Ilex × intermedia ‘Aschill Kalleberg’
- Pyracantha ‘Mohave’
- Rhododendron ‘Exbury Red’
- Rhododendron periclymenoides
- Rosa banksiana
- Rosa rugosa ‘Frau Dagmar Hartop’
- Saxa veitchii
- Spiraea chinensis ‘Ogon’
- Styx japonicus ‘Snowcone’

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2015 SPRING PLANT SALE CATALOG: www.canr.udel.edu/udbg
Rhododendron periclymenoides

Helleborus ‘Pink Fizz’
Photo: North Creek Nurseries

Penstemon schmidel ‘Delfts Blue Riding Hood’
Photo: Rick Darke

Rheodactylum periclymenoides

Spigelia marilandica
Photo: Michael Zeckler

Hesperantha cultivars
Hibiscus ‘Heartthrob’
Hosta cultivars
Iris species and cultivars
Kalimeris integrifolia ‘Daisy Mae’
Kirengeshoma palmata
Liatis spicata cultivars
Lobelia cardinalis ‘Black Truffle’
Lobelia siphilitica
Muhlenia rossii ‘Karasuba’
Myosotis sylvatica

Nassella tenuissima
Nepea cultivars
Onoclea sensibilis
Ophiopogon planiscapus ‘Nigrescens’
Pachysandra procumbens
Penstemon ‘Red Rocks’
Penstemon pinifolius ‘Mersea Yellow’
Penstemon schmidel ‘Delfts Blue Riding Hood’
Pheon ‘Forever Pink’
Pheon paniculata cultivars
Pheon stolonifera ‘Sherwood Purple’
Phlox paniculata
Phlox subulata
Polystichum acrostichoides
Polystichum polyblepharum
Portulaca trichola ‘Pink Profusion’
Primula ‘Buttercup’
Rudbeckia laciniata

Solidago graminifolia

Spiranthes cernua var. odorata
Photo: John Frett

Streptanthus cernua

TENDERS
Acalypha
Alternanthera species
Begonia ‘Tiger Kitten’
Calocasia ‘Bikini-tini’
Calocasia ‘Sangria’
Cyperus papyrus ‘King Tut’
Danaea racemosa
Doratilla ‘Fireneseis’
Gasteria species
Hibiscus acetosella ‘Hyacinth-Askbury’
Kalanchoe orgyalis
Ledebouria socialis
Manihot esculenta ‘Variegata’
Neptheodium exaltata ‘Rita’s Gold’
Neptheodium exaltata ‘Tiger’
Phylgelius cultivars
Plectranthus cultivars
Podranea ricasoliana ‘Pink Delight’
Salvia ‘Wendy’s Wish’
Salvia guaranitica ‘Black & Blue’
Tibouchina species
Zingiber mingen ‘Dancing Crane’

Spiranthes cernua

Tricyrtis ravenii

Tiarella cordifolia cultivars

Tradescanlia ‘Sweet Kate’

Tricyrtis ravenii

Vernonia ‘Lettersmanii’ ‘Iron Butterfly’

Veronica ‘Giles van Hees’

Veronica ‘Whitewater’

Veronica longifolia var. suberosiss ‘Blue Pyramid’

Veronica prostrata ‘Trebane’

Veronicastrum virginicum

Viola ‘Black Magic’

Zizia aurea

Solidago cordifolia ‘Running Tapestry’

Tiarella cordifolia ‘Running Tapestry’

Veronica ‘Giles van Hees’

Salvia guaranitica ‘Black & Blue’

Photo: Melinda Zoehrer

Photo: Kathy Barrowclough

Photo: Bob Lyons

Photo: Melinda Zoehrer

Photo: Rick Darke
collection that stimulates and engages, with more than 3,000 species and cultivars of plants. UDBG provides a welcoming environment for visitors to learn. The UDBG Friends, a membership organization, plays a vital part in funding, volunteering, and helping with the further development of the UDBG. The Friends help UDBG establish and expand programs in research, education, and environmental stewardship. Anyone with a lively interest in learning about gardening, design or nature, is encouraged to join. As a member of UDBG Friends, you can be a partner in the future of the gardens.

**BENEFITS OF MEMBERSHIP**

- **Basic Membership Benefits**
  - Free admission to UDBG semi-annual meeting & lecture
  - Friends-only Shopping Day at Spring Plant Sale
  - Discounted admission to events open to the public
  - Reciprocal admission privileges to over 225 public gardens and arboreta through the American Horticultural Society
  - The opportunity to support a growing organization

- **$10 Student Membership Benefits**
  - Basic Membership benefits
  - Subscription to *UDBG Friends* newsletter (3 issues/yr.)

- **$40 Individual Membership Benefits**
  - Basic Membership benefits for 1 person
  - Subscription to *UDBG Friends* newsletter (3x/yr.)
  - 2 herbaceous plant dividends per year (1 in spring; 1 in fall)

- **$60 Family Membership Benefits**
  - Basic Membership benefits for 2 adults in same household
  - Subscription to *UDBG Friends* newsletter (3x/yr.)
  - 4 herbaceous plant dividends per year (2 in spring; 2 in fall)

- **$85 Nonprofit/Garden Club Membership Benefits**
  - Basic Membership benefits for 1 representative of nonprofit/garden club
  - 2 herbaceous plant dividends per year (1 in spring; 1 in fall)
  - Subscription to *UDBG Friends* newsletter (3x/yr.)
  - 1 free guided garden tour per year

- **$185 Sustaining Membership Benefits**
  - Basic Membership benefits for 2 adults in same household
  - Subscription to *UDBG Friends* newsletter (3x/yr.)
  - 6 herbaceous plant dividends per year

- **$500 Benefactor Membership Benefits**
  - Basic Membership benefits for 2 adults
  - Subscription to *UDBG Friends* newsletter (3x/yr.)
  - Herbaceous and/or woody plant dividends

- **$1,000 or above DIRECTOR’S FRIEND Benefits**
  - Basic Membership benefits for 2 adults
  - Subscription to *UDBG Friends* newsletter (3x/yr.)
  - Personal garden tour with Director
  - Connoisseur plant dividends

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**UDBG FRIENDS**

The University of Delaware Botanic Gardens is an outside laboratory and classroom in which studies in horticulture, landscape design, wildlife ecology, water quality, plant pathology, and entomology are pursued through experiential learning. UDBG maintains a diverse and dynamic living plant collection that stimulates and engages, with more than 3,000 species and cultivars of plants. UDBG provides a welcoming environment for visitors to learn. The UDBG Friends, a membership organization, plays a vital part in funding, volunteering, and helping with the further development of the UDBG. The Friends help UDBG establish and expand programs in research, education, and environmental stewardship. Anyone with a lively interest in learning about gardening, design or nature, is encouraged to join. As a member of UDBG Friends, you can be a partner in the future of the gardens.

**MEMBERSHIP BRINGS YOU**

**MANY REWARDS.**

www.canr.udel.edu/udbg

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**HOW CAN I JOIN?**

Please complete the membership form and return it with your annual dues. Membership year begins on the date that we receive your application.

For more information, call UDBG at (302) 831-0153 or visit our website at: www.canr.udel.edu/udbg

**UDBG MEMBERSHIP CATEGORIES**

(check box below)

- Student ............................................................. $10
- Individual ......................................................... $40
- Family ................................................................ $60
- Nonprofit/Garden Club ..................................... $85
- Sustaining ........................................................... $185
- Benefactor .......................................................... $500
- Director's Friend ............................................. $1,000
- Membership, no benefits, 100% deductible $ ______

Your name (as you would like it to appear in correspondence)

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Organization name (if Nonprofit/Garden Club)

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Bring a non-perishable food item to stuff a Food Bank of Delaware Truck on Ag Day!

Enter the Farm-to-Table Recipe Contest and win delicious prizes!
Read eligibility details at the Ag Day 2015 website www.canr.udel.edu/agday

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