



# *Botanic Gardens*

ANNUAL BENEFIT PLANT SALE | 2013

UNIVERSITY OF  
DELAWARE

Botanic Gardens

COLLEGE OF AGRICULTURE &  
NATURAL RESOURCES

# Our gates are open wide!

*Enjoy the region's finest wildflower garden all spring, summer and fall.*

*Every Friday and Saturday from April 19th to November 10th, Mt. Cuba Center will be open from 10AM to 4PM. Get involved in discovery stations and behind-the-scenes excursions that focus on what's in bloom around you. No reservations required. \$6 Adults, \$4 Ages 5-16, Free for children under 5.*

*Guided tours of the garden are available on Thursdays and Sundays. Our friendly and knowledgeable docents will lead you on an intimate 2-hour visit that focuses on the history, design and plant diversity that makes Mt. Cuba Center a unique local treasure. Reservations required. \$10.*



*"I want this to be a place where people will learn to appreciate our native plants and to see how these plants can enrich their lives so that they, in turn, will become conservators of our natural habitats."*

*- Mrs. Lammot du Pont Copeland*



Trumpet-creeper  
(*Campsis radicans*)



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## WELCOME

I welcome you to the twenty first annual UDBG benefit plant sale. The arrival of this catalog is a good sign that spring is near. Receiving spring catalogs is like receiving the old Sears catalog before Christmas. Time to peruse the pages, sift through the plant descriptions, make your list (and check it twice), and envision the additions in your garden. You can almost feel the warm spring breeze and smell the colors of spring.

This year's featured plant is flowering quince, an old time favorite that is regaining popularity, due in part to the amazing new cultivars. Consider the variety of heights, forms, flower colors, and sizes to make your selections. Whether it is for bonsai culture, a container on the patio, incorporation into a shrub or perennial border, or as a screening hedge, quince provides outstanding spring color. The fruit is often overlooked but can be eaten and serves as a pleasant potpourri in the autumn for use around the house. Check out our selection in the featured plant section.



*Chaenomeles speciosa* 'Orange Storm'  
Photo: Melinda Zoehrer

Magnolias are another prominently featured group. I am like a child in a candy store when I try to choose magnolias for the sale—I want them all but inevitably have to pare down my selection to a few exquisite gems. How can one resist all those magnificent flowers, early spring, late spring, and summer. Then there is the fragrance, evergreen foliage, and colored fruits in the fall to round out the package. And the hybrids! This year we offer a hardy version of *Magnolia campbellii*, the pinnacle of west coast magnolias that has lacked hardiness in the east until the likes of *M.* 'Cotton Candy' was introduced. Another showstopper is *M.* 'Exotic Star', a *grandiflora* type with evergreen foliage and large white flowers and red stamens! Check out the magnolias in the shrub section for more exciting possibilities.

But it is not all about woodies, we also have an extensive list of clematis to offer. If you are looking for a vining plant consider *Clematis montana* var. *rubens*, a vigorous vine with vanilla scented pink summer flowers, or *C. viticella* 'Polish Spirit', with its rich velvety purple summer flowers. If you prefer more "shrubby" clematis, consider *C. integrifolia* 'Fascination', with nodding blue summer flowers or *C. recta* 'Purpurea Select', with its sprawling purple foliage and late summer white flowers. For our patrons only, we offer a unique selection including the difficult to find *C. texensis* 'Princess Diana' with its upright pink flowers from summer into fall. Regardless of the species, all are excellent additions to the summer/fall garden.

I would also like to thank all of our customers, advertisers, patrons, Friends members and volunteers. The UDBG operates *only* with your support. We could not maintain the garden, organize the tours, develop the educational programs, and support student education without your assistance. So come and enjoy the sale and its festivities as part of Ag Day. And come back throughout the year. Come and walk the gardens to appreciate the color in the Trial Garden, check out the butterflies, moths and skippers in the Lepidoptera Trail, enjoy the birds in the Wetlands, and, enjoy the diversity of the plants in the collections as they change throughout the seasons. Thanks for your support and look forward to seeing you at the sale.

John Frett, Ph.D.  
UDBG Director and Professor

# Botanic Gardens

## 2013 BENEFIT PLANT SALE CATALOG



*Chaenomeles japonica* 'Chojuraku' Photo: Rick Darke

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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, cooperative extension, and community support. This understanding instills an appreciation of plants in the landscape and natural environments.

Cover photo: *Chaenomeles* × *superba* 'Cameo' at UDBG.  
Photo: Kathy Barrowclough



## PATRONS

OUR SINCERE APPRECIATION to the individuals listed below for their generosity to the 2013 Spring Plant Sale. Your gifts directly support UDBG's Student Internship Program, a vital component of the UDBG which provides students a paid opportunity to gain practical experience and training.

*Chaenomeles x superba* 'Crimson and Gold'  
Photo: Rick Darke

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Photo: Danielle Quigley

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Garden Espallier Photo: Dennis McGlade

## EVENT DATES

**Wednesday, March 13, 7–9 pm** *Plant Sale Highlights Lecture*

**Wednesday & Thursday, April 3 & 4, 4–5:30 pm**

*Guided Walk of Plant Sale Highlights*

**Wednesday, April 24, 4:30–6:00 pm** *Patron Plant Sale and Reception* *RSVP required. For more information on attending this event, please see Educational Event listing below, email [mzoebrer@udel.edu](mailto:mzoebrer@udel.edu), or phone 302-831-0153.*

**Thursday, April 25, 3–7 pm** *UDBG Members only*

**Friday, April 26, 3–7 pm** *General Public*

**Saturday, April 27, 9:30 am–4 pm** *General Public*

**Wednesday, May 8, 7–9 pm, Lecture: Climbing Your Way Through the Garden** *by Dennis McGlade*

## GENERAL INFORMATION

The plant sale is organized by the UDBG staff in conjunction with the 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 the University of Delaware south campus (north of the UD football stadium, adjacent to the Blue Ice Arena).

### Benefits of membership

The UDBG Friends-only day to shop is **Thursday, April 25, 3–7 pm**. On this day ONLY, we will offer a select group of perennial plants at \$2.00 off the catalog price. These plants are distinguished in the catalog with “-☘” before the name. You can join online at <http://ag.udel.edu/udbg/friends/udbgfriends.html>, or by using the membership form on page 23.

### Catalog on the Web

The plant sale catalog is available on the Web at: <http://ag.udel.edu/udbg/>. Many additional plants will be available for purchase on the days of the sale. Although they are not included in the catalog with descriptions, you may find a list of these plants on page 22.

## EVENT INFORMATION

Registration required for all educational events. Please e-mail [botanicgardens@udel.edu](mailto:botanicgardens@udel.edu) to register or phone 302-831-2531.

### *Plant Sale Highlights Lecture*

Wednesday, March 13, 7–9 pm

UDBG Friends members: \$5; Nonmembers: \$10

**Location:** The Commons, Townsend Hall

Please come enjoy a lively repartee between dynamic plant gurus Dr. John Frett and Dr. Bob Lyons as they describe and illustrate many of the perennial and woody plants offered in the catalog and at the sale.

### *Guided Walk of 2013 Plant Sale Highlights*

Thursday, April 3 & 4, 4–5:30 pm

UDBG Friends members: \$5; Nonmembers: \$10

**Location:** Meet at Fischer Greenhouse entrance on Roger Martin Lane

Dr. John Frett will lead a guided walk through UDBG of plants offered in the plant sale, and if there's time, preview the containerized plants. Min: 10 people; Max: 25 people.

For this event, a visitor parking permit is required. To obtain a visitor parking permit on-line, visit

[https://udel.t2hosted.com/cmn/auth\\_ext.aspx](https://udel.t2hosted.com/cmn/auth_ext.aspx); in person, go to Parking Services at 147 Perkins Student Center, 325 Academy Street; or park in metered spaces near the UD Creamery.

### *Patron Reception and Plant Sale*

Wednesday, April 24, 4:30–6:00 pm

This intimate evening is a thank you to those who have contributed \$130 or more to support UDBG's Student Intern Program. Enjoy conversations with knowledgeable plant folks, a private plant sale, refreshments, and the first crack at all other plant offerings. If interested in attending or for more information, please call 302-831-0153 or email [mzoehrer@udel.edu](mailto:mzoehrer@udel.edu). RSVP required

### *Friends Lecture: Looking Up: Elevating Your Garden's Interest with Climbers and Espaliers*

Wednesday, May 8, 7–9 pm

UDBG Friends members: FREE; Nonmembers: \$10

**Location:** The Commons, Townsend Hall

Gardeners are usually very down to earth people, but their gardens do not necessarily have to be. Vertical gardening provides an opportunity to extend and expand one's gardening domain not only physically (the area in which one gardens) but also horticulturally, climatically, and aesthetically. Whether one uses walls, free standing structures, or even other plants, the “sky is the limit”. Join us in this illustrated lecture on vertical gardening by Landscape Architect **Dennis McGlade**.

*Dennis McGlade, a partner at OLIN and Fellow of the American Society of Landscape Architects, earned degrees in landscape architecture from the University of Illinois and the University of Pennsylvania, where he studied under renowned landscape architect Ian McHarg. Highly regarded in the field of design as well as horticulture, his projects include a broad range of sizes and types. Noted works include: J. Paul Getty Center and Fran and Ray Stark Sculpture Garden in Los Angeles, redesign of the Metropolitan Museum of Art's 5th Avenue Plaza in New York City, and a spiritual retreat in Connecticut. An author and frequent lecturer, Mr. McGlade sits on the Board of The Cultural Landscape Foundation and serves in various teaching positions at the University of Pennsylvania and Temple University.*

## EARLY SPRING COLOR TO WARM YOUR SOUL

John Frett

Flowering quince has been cultivated for thousands of years in China, Korea and Japan as a bonsai specimen and for use in flower arrangements. A member of the rose family, it was first introduced into English gardens in the late 1700's and found its way into gardens in the United States in the early to mid 1800's. It was a favorite in rural gardens and on farms for its attractive flowers, edible fruit and cover for wildlife. Its popularity is evidenced by the more than 500 cultivars described.

There are three species commonly grown in gardens: *Chaenomeles speciosa*, common flowering quince; *C. japonica*, Japanese flowering quince; and the hybrid species *C. x superba*, a cross between the previous two plants. A fourth species, *C. cathayensis* has the largest fruit of the genus but is seldom grown, while *Cydonia oblongata* is raised for quince fruit. Flowering quince is closely related to pears (*Pyrus*) and the fruiting quince (*Cydonia*). This close relationship is illustrated by the fact that the plant was previously placed in both of these genera. There is another close relative *Pseudocydonia sinensis*, Chinese quince, which has also been placed in the genus *Cydonia* and *Chaenomeles*. So, from a landscape perspective, what is the difference?

Common flowering quince (*C. speciosa*) is, by far, the most frequently grown quince in the landscape. Plants mature at 6 to 10 feet tall with an equal or greater spread and form a densely branched shrub. In the UDBG, we prune plants to the ground every 3 years to maintain a more compact size. Stems are variably spined making an impenetrable hedge. New foliage emerges with a distinctive bronzy red cast but quickly turns glossy dark green with very large stipules (typical of all *Chaenomeles*). The fruit is 2-2.5 inches, more or less rounded, green ripening to yellow with a red blush, and fragrant when brought indoors in the fall. Japanese flowering quince (*C. japonica*) is less frequently cultivated. It is a smaller plant, maturing at 3 feet tall and 3 feet or more wide. Due to the more compact habit, plants do not need rejuvenative pruning to maintain height. Stems are dense and uniformly spined. Flowers open before common flowering quince by a few days. Research has shown that Japanese quince is the most cold hardy

and resistant to late spring frost. The fruit matures yellowish green, is 1-1.5 inches in diameter, and is fragrant.

The hybrid flowering quince (*C. x superba*) attempts to combine the best of the two previous species. Plants are more



*Chaenomeles speciosa* 'Iwai Nishiki'  
Photo: Melinda Zoehrer



*Chaenomeles speciosa* 'Toyo Nishiki'  
Photo: Rick Darke

*Chaenomeles speciosa*  
'Scarlet Storm'  
Photo: Kathy Barrowclough



compact, growing 4-6 feet tall with a slightly wider spread so rejuvenative pruning is optional. Stems can be spined or spineless. Fruit is intermediate in size but still bitter/tart if not allowed to fully ripen. Breeding has primarily focused on this group, with flower size, number and color range maximized.

Chinese quince (*Pseudocydonia sinensis*) is the largest of the plants that we offer. It is a large shrub or small tree growing 10-25 feet tall. The upright growth habit can be easily trained into a tree form to display the colorful, exfoliating bark, which occurs in shades of grey, green and orange brown. Stems often exhibit fluted or sinuous growth. Branches lack spines. Lustrous, dark green leaves in the summer turn yellow, orange and red in the fall; it is the only one of the quince to produce fall color. Chinese quince has the largest fruits of the quinces we offer, maturing at 5-7 inches long, more egg shaped than round.

The fruit of all of the quinces we offer are edible. Quince fruit is very tart, especially if picked too early, and is used to make jellies and preserves. High levels of pectin make the quince good for jellies; high organic acids give a tart flavor; very high vitamin C offers nutritional value. The easiest way to appreciate the fruit is to bring them into the house to enjoy their fragrance.

All of the quinces are tough, adaptable plants. They grow well in full sun to part shade and thrive in all but wet soils. The density of the plant branches makes them impenetrable and therefore a favorite nesting spot for birds. All make excellent hedges in the toughest of sites. Japanese flowering quince and smaller selections of the common and hybrid flowering quince can serve as foundation plants, while Chinese quince makes an excellent small flowering tree to be appreciated, particularly in the winter. Where space is not limited, a group of three or five flowering quince makes an extraordinary spring display.



*Chaenomeles* 'O Yashima' Photo: Melinda Zoehrer

I have saved the best for last—the flowers. The primary reason flowering quince are grown is for their early spring (March-early April) eruption of color in the landscape. Even more, the flowers are not yellow, so typical of early flowering shrubs. Flowers range from white to pink, salmon, orange and red. Some cultivars



*Chaenomeles speciosa* 'Pink Storm' Photo: Melinda Zoehrer



*Chaenomeles speciosa* 'Texas Scarlet'  
Photo: Rick Darke

have flowers of multiple colors on the same branch, such as *C. speciosa* 'Toyo Nishiki'. While the species are typically five petaled, many cultivars are semidouble to fully double with 30, 40 or more petals appearing as 1.5 inch roses clustered along the stems. The floral display is striking and lasts for up to 4 weeks, depending on weather. Many plants have a tendency to produce a few flowers in the fall, a characteristic that I have always enjoyed. While not nearly as stunning as the spring display, it adds color at a time when few shrubs have flowers.

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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<i>Chaenomeles</i> 'O Yashima'	Flowering Quince	4-6	☉☁☔	3 g, 1-2	\$35	
Several references rate this as the most spectacular double white flowering quince. Pure white flowers are produced in April on spreading plants. 🍷						

<i>Chaenomeles japonica</i> 'Chojuraku'	Common Flowering Quince	4-5	☉☁☔	3 g, 1-2	\$35	
The compact plants boast large numbers of striking, large double orange flowers. Effective from late March to mid-April. 🍷						

*Chaenomeles speciosa* Double Take™ Storm Series  
The Storm series marketed under the Double Take™ name from Proven Winners® are great plants from Dr. Thomas Ranney's breeding program at the Mountain Horticultural Crops Research & Extension Center at NC State University. These plants have remarkable doubled petals creating miniature roses clustered along the stems in the spring. Plants are also thornless, do not produce fruit, and are mid-sized plants.

<i>Chaenomeles speciosa</i> 'Orange Storm'	Common Flowering Quince	4-6	☉☁☔	1 g, 1-2	\$25	
2-2.5 inch orange flowers open in March; 31-49 petals. 🍷						

<i>Chaenomeles speciosa</i> 'Pink Storm'	Common Flowering Quince	4-6	☉☁☔	1 g, 1-2	\$25	
2-inch pink flowers in March; 29-40 petals. 🍷						

<i>Chaenomeles speciosa</i> 'Scarlet Storm'	Common Flowering Quince	4-6	☁☔	1 g, 2-3	\$25	
2-2.5 inch scarlet red flowers in March; 17-25 petals. 🍷						

<i>Chaenomeles speciosa</i> 'Iwai Nishiki'	Common Flowering Quince	3-4	☉☁☔	3 g, 1-2	\$35	
Compact plants produce abundant double, deep red flowers that resemble small camellia flowers.						

<i>Chaenomeles speciosa</i> 'Texas Scarlet'	Common Flowering Quince	2-3	☉☁☔	3 g, 1-2	\$35	
An old standard but still considered by many to be the best red-flowered selection. The profuse scarlet flowers are produced on a plant with a wide habit.						

<i>Chaenomeles speciosa</i> 'Toyo Nishiki'	Common Flowering Quince	6-8	☉☁☔	3 g, 2-3	\$35	
Unique among the quinces listed here because of the multiple flower colors. It is common to have both pink and white flowers on the same branch, even a flower with a mixture of pink and white petals. Red flowers tend to occur on separate branches. 🍷						

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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<i>Chaenomeles</i> × <i>superba</i> 'Cameo'	Hybrid Flowering Quince	4-5	☉☁☔	3 g, 2-3	\$35	
The double peachy pink flowers are produced in mid to late April, often still flowering as the foliage emerges. 🍷						

<i>Chaenomeles</i> × <i>superba</i> 'Crimson and Gold'	Hybrid Flowering Quince	2-3	☉☁☔	1 g, 1-2	\$25	
The compact plants boast velvet crimson-red petals with bright yellow stamens that truly live up to the cultivar name!						

<i>Chaenomeles</i> × <i>superba</i> 'Jet Trail'	Hybrid Flowering Quince	3	☉☁☔	3 g, 1-2	\$35	
A white flowered sport of <i>C. 'Texas Scarlet'</i> this compact plant with a spreading habit is shorter than <i>C. 'O Yashima'</i> .						

<i>Pseudocydonia sinensis</i>	Chinese Quince	10-25	☉☁☔	1 g, 1	\$25	
Typically grown as a multistemmed shrub or small flowering tree. Bark exfoliates into beautiful mosaic of grey green brown best displayed on tree form. The nearly 2-inch soft to deep pink flowers appear April to May. The egg shaped fruit is 5-7 inch long, maturing citron yellow and is highly aromatic. Fall foliage is yellow to orange and red.						



*Pseudocydonia sinensis* Photo: John Frett

## 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 soils      ☁ moist soil      ☁ wet soils

### Attract Birds, Butterflies and Caterpillars

🍷 birds      🦋 butterflies and caterpillars

### Native

N after the plant description indicates plants are native to the Eastern U.S. Cultivars of native plants are considered native, as these are a selection from variants in the population.





*Asimina triloba* fall color  
Photo: Rick Darke



*Fagus grandifolia*  
Photo: Rick Darke



*Quercus coccinea*  
Photo: John Frett

Latin name Common name Mature Size Light Soil Pot Size, Plant Size Price

## PLANT DESCRIPTIONS CONIFERS

All heights of plants are in feet.

*Cephalotaxus harringtonia* 'Duke Gardens'  
Japanese Plum Yew 3–5 ○●☁️ 1 g, 5–1 \$15  
A graceful, spreading form that creates an elegant foundation plant. Selected at Duke Gardens in North Carolina, it shows heat tolerance and deer resistance.

*Cephalotaxus harringtonia* 'Fastigiata'  
Japanese Plum Yew 5–10 ○●☁️ 1 g, 1–2 \$35  
A great substitute for traditional yews, one-half to three quarters wide as tall. Heat and drought tolerant and deer resistant.

*Cephalotaxus harringtonia* 'Prostrata'  
Japanese Plum Yew 2–3 ○●☁️ 3 g, 2 \$35  
The low, spreading habit makes this an excellent groundcover, foundation plant, or to cascade over a wall. Adaptable, easy to grow, and deer resistant.

*Juniperus horizontalis* 'Wiltoni'  
Blue Rug Juniper 1–2 ○●☁️ 2 g, 1 \$25  
A very popular coniferous groundcover that endures difficult and extreme environmental conditions with distinctly plum-purple winter foliage.

*Juniperus virginiana* Eastern Redcedar 20–50 ○●☁️ 1 g, 1–2 \$20  
One of the few conifers native to this area and an important evergreen presence. Female plants produce attractive blue berries, actually cones, which wildlife enjoy. N 🐦

*Pseudolarix kaempferi* Golden Larch 30–50 ○●☁️ 1 g, 1 \$15  
Graceful, deciduous conifer with soft-textured foliage that turns glowing gold then amber in fall. Cones resemble artichokes and add to elegant silhouette in winter.

*Taxodium ascendens* Pond Bald Cypress 50–60 ○●☁️ 7 g, 5–6 \$45  
The taxonomic status of this plant is in flux resulting in multiple names, but it still offers the distinctive ascending branchlets. Deciduous foliage turns golden in the fall.

*Taxodium distichum* Bald Cypress 50–60 ○●☁️ 3 g, 4–5 \$35  
The quintessential swamp tree noted for durable rot-resistant wood. The upright pyramidal habit, fine texture, and golden fall color make this a great tree for landscape use, whether the soil is dry or wet. Only produces knees in standing water.

*Thuja* 'Green Giant' Giant Arborvitae 50–70 ○●☁️ 3 g, 3–4 \$35  
One of the fastest growing conifers capable of 2–4 feet of annual growth. The foliage retains its green color throughout the winter. Great for use as a screen, or to create garden rooms or a well-established look in no time.

## TREES

All heights of plants are in feet.

*Acer griseum* Paperbark Maple 20–35 ○●☁️ 15 g, 5–7 \$195  
A very slow growing tree with exquisite peeling brown bark and red fall color. A long-time favorite of plant enthusiasts and a Pennsylvania Horticultural Society Gold Medal winner.

Latin name Common name Mature Size Light Soil Pot Size, Plant Size Price

*Acer japonicum* 'Green Cascade'  
Fullmoon Maple 4–5 ○●☁️ 2 g, 3–4 \$65  
Cascading waterfall effect created by the mounding habit and deeply dissected leaves. The delicate texture is enhanced by the brilliant yellow, orange and crimson fall color.

*Acer palmatum* 'Tamukeyama'  
Japanese Maple 4–6 ○●☁️ 7 g, 4–5 \$75  
Notable for its extremely fine textured, lacy purple foliage that it retains throughout the summer. One of the very best Japanese 'Dissectum' group maples and a Pennsylvania Horticultural Society Gold Medal winner.

*Asimina triloba* Pawpaw 15–30 ○●☁️ 1 g, 1–2 \$35  
Common as an understory tree though does equally well in full sun. Tropical-looking foliage turns clear yellow in the fall, when delicious, banana custard-like fruit appears. Larval host for Zebra Swallowtail and nectar source for Pawpaw Sphinx. N 🦋🐛  
We offer the following cultivars selected for fruit eating quality:

*A. triloba* 'Prolific' Delicious fruit, creamy texture, bears at young age; ripens mid-September.

*A. triloba* 'Sunflower' Known for large flavorful fruit with fewer seeds; ripens early October; isolated plants produce heavy crops of fruit.

*A. triloba* 'Wells' Large fruit nearing one pound each.

*Betula papyrifera* Paper Birch 30–50 ○●☁️ 3 g, 5–6 \$35  
The peeling white bark of this New England native is the standard by which other birches are measured. Better insect resistance than its European counterpart. The bright yellow fall foliage contrasts sharply with evergreen material.

*Cladrastis kentukea* 'Perkin's Pink'  
American Yellowwood 30–50 ○●☁️ 7 g, 4–5 \$95  
A true star with a heavenly fragrance and soft pink flowers mid-May. Up to 12-inch long terminal clusters provide fabulous display. A small- to medium-sized tree for residential landscapes with clear yellow fall foliage. Tolerant of wet soil. Prune when young to shape. N 🦋

*Diospyros virginiana* Common Persimmon 35–60 ○●☁️ 3 g, 4–6 \$25  
Small, white flowers in early summer are prized by pollinators (Luna Moth food source). In fall, foliage turns purplish-red and 1–2 inch apricot colored fruit provides food for wildlife. N 🦋🐛

*Fagus grandifolia* American Beech 50–60 ○●☁️ 1 g, 1–2 \$25  
One of the most common trees in our regional forests yet nearly impossible to purchase or find in the trade. John Frett has searched far and wide to be able to offer you this grand aristocrat. N 🐛

*Liquidambar styraciflua* 'Slender Silhouette'  
American Sweetgum 50–60 ○●☁️ 10 g, 7–8 \$95  
A student recently described this plant as a green telephone pole, which is not far from the truth. A mature plant will be less than 10 feet wide, possibly only 5 feet. The foliage turns yellow with slight red in the fall and fruit set is reputedly much reduced from the species although reports vary. N

*Morus alba* 'Nuclear Blast'  
Contorted Mulberry 6–12 ○●☁️ 3 g, 2–3 \$35  
The contorted stems form the scaffolding for variously cut, nearly linear foliage. Its compact habit provides many opportunities to incorporate into a small-scale landscape, that and the fact that it's a fruitless form.

Latin name Common name Mature Size Light Soil Pot Size, Plant Size Price

*Nyssa sylvatica* 'Zydeco Twist'  
Contorted Black Gum 20–40 ○●●●● 3 g, 4–6 \$95  
Back by popular request. The distinctly twisted branches offer great winter appeal, holding snow to highlight its sculptural aspect. Vibrant scarlet–red foliage, typical of black gums, also known as tupelo. N 🦋 🌱

*Populus grandidentata* Bigtooth Aspen 40–60 ○●●●● 3 g, 4–6 \$25  
Valuable for revegetation and improvement of disturbed sites, this aspen also provides good habitat for wildlife. Vibrant yellow fall color 'shimmers' in the wind. N 🦋 🌱

*Quercus alba* White Oak 50–80 ○●● 2 g, 2–3 \$35  
A majestic oak frequently found in local woodlands. A magnificent large shade tree with the potential for red–purple fall color. Good for wildlife of many kinds. N 🦋 🌱

*Quercus coccinea* Scarlet Oak 50–60 ○●● 3 g, 3–4 \$35  
Long considered one of the best native oaks for its spectacular red to scarlet fall color. Scarlet oak can be mistaken for pin oak but doesn't have drooping lower branches. N 🦋 🌱

## SHRUBS

All heights of plants are in feet.

*Abelia × grandiflora* 'Confetti' Glossy Abelia 2–3 ○●●● 1 g, 1 \$15  
Creamy–white leaf margins turn pinkish in winter. Fragrant white flowers late summer–fall. Drought tolerant once established. 🦋

*Abelia × grandiflora* 'Little Richard'  
Glossy Abelia 2–3 ○●●● 3 g, 2 \$25  
A compact plant, with glossy leaves and prolific white flowers that perfume the summer–early fall garden. Very drought tolerant once established. 🦋

*Aesculus pavia* Red Buckeye 15–30 ○●●● 3 g, 1–2 \$35  
Native to southeastern U.S., this large shrub or small tree produces spikes of red flowers up to 8–inches long in late spring. Nuts produced in the fall provide food for wildlife. N

*Amelanchier × grandiflora* 'Autumn Brilliance'  
Serviceberry 20–25 ○●●● 15 g, 5–7 \$95  
An easy–to–grow small tree with abundant white flowers in April, followed by edible purple fruit in June and July, and spectacular scarlet–orange foliage in the fall. !N 🌱

*Ardisia japonica* 'Chirimen' Japanese Ardisia 1 ●●●● 2 g, 1 \$15  
Evergreen, ground–hugging shrub, with white–pink flowers July–August followed by notable red fruit fall through winter. Best cold hardiness and most compact of *Ardisia*.

*Aronia arbutifolia* 'Brilliantissima'  
Chokecherry 6–8 ○●●● 3 g, 2–3 \$25  
Hard–to–beat shrub based on white flowers in spring, scarlet–red leaves in fall, abundant red fruit in winter, and cultural adaptability in the landscape. N 🌱

*Aucuba japonica* 'Gold Dust'  
Japanese Aucuba 4–6 ○●●● 1 g, 1 \$15  
An evergreen shrub ideally suited to understory and shade gardens. The bold textured, gold splattered foliage brightens up shady garden niches. Red fruit on females added bonus. 🌱

*Aucuba japonica* 'Wisley Nana'  
Japanese Aucuba 3–4 ○●●● 3 g, 2–3 \$25  
Works well in combination with other shade lovers, with evergreen foliage and abundant bright red fruit to provide winter interest. Selection is self fertile, unlike most aucubas. 🌱

*Buddleia* 'Blue Chip'  
Lo & Behold™ Butterflybush 2 ○●●●● 3 g, 1–2 \$35  
The best of all worlds—a sterile plant with bountiful blue flowers in 4–6 inch clusters all summer long on a truly dwarf plant. Butterfly magnet and nectar source. 🦋

Latin name Common name Mature Size Light Soil Pot Size, Plant Size Price

*Buddleia alternifolia* Butterflybush 5–6 ○●●●● 1 g, 1 \$15  
What it lacks in flower longevity, it makes up for in display. The lavender flowers shroud the naked stems in April and May and give way to silver grey foliage in the summer. 🦋

*Buxus microphylla* var. *koreana* 'Tide Hill'  
Boxwood 1–2 ○●●● 1 g, 1 \$25  
John Frett's favorite dwarf boxwood. A10–year old plant in his garden is only 14 inches tall by 24 inches wide. Narrow evergreen foliage works well as a hedge.

*Buxus sempervirens* 'Unraveled'  
Weeping Boxwood 3–4 ○●●● 3 g, 1 \$35  
Unlike any other boxwood, with a distinctly weeping habit more like a groundcover than a shrub. Arching branches are useful for covering a wall or planting on a slope.

*Callicarpa americana* American Beautyberry 8–10 ○●●● 1 g, .75 \$15  
Native to the southeastern U.S., American beautyberry boasts a vibrant display of purple fruit against clear yellow leaves in late summer and fall, a perfect addition for the mixed border. Prune back in early spring for more compact habit. N 🌱

*Callicarpa dichotoma* 'Early Amethyst'  
Beautyberry 4–6 ○●●● 1 g, 2–3 \$15  
The amethyst–purple fruit shroud the stems from late summer through midwinter and provide striking late season color. Plants may be lightly pruned in spring or cut back to 6 inches late winter. 🌱

*Callicarpa dichotoma* 'Splashy' Beautyberry 8–10 ○●●● 3 g, 2–3 \$35  
White–splashed variegation covers more than half the leaf surface all summer long. The pale lavender flowers followed by prolific number of purple berries. 🌱

*Calycanthus* 'Aphrodite' Sweetshrub 5–6 ○●●● 1 g, 2–3 \$35  
The newest release from Dr. Tom Ranney; a cross between Florida and Chinese sweetshrub, is the first hybrid to produce the sweet fragrance of our native, with 2–2.5 inch red flowers.

*Calycanthus chinensis* Chinese Sweetshrub 6–9 ○●●● 3 g, 2–3 \$30  
Formerly *Sinocalycanthus chinensis*, this rare Asian counterpart to our American sweetshrub offers 2–3 inch wide, camellia–like white flowers May into June.

*Calycanthus floridus* Carolina Allspice 6–8 ○●●● 3 g, 2–3 \$30  
Dense shrub with a suckering habit. Maroon flowers appear as the foliage emerges in spring. Fragrance varies but always renders strawberry hints. N 🦋

*Calycanthus floridus* 'Athens'  
Carolina Allspice 4–6 ○●●● 3 g, 1–2 \$35  
Delightfully scented, lemon–yellow flowers appear in May; intensifying as flowers age (dried flowers great in potpourris). More compact habit than the straight species. N 🦋

*Calycanthus floridus* 'Purpurea'  
Carolina Allspice 4–6 ○●●● 3 g, 1–2 \$45  
Rarely available in the trade, this shrub has distinctive purple underside to the leaf, visible in slight breezes. Maroon red flowers are fragrant. N 🦋

*Camellia* 'Northern Exposure' Camellia 4–8 ●●● 3 g, 2–3 \$35  
This camellia hybrid has excellent winter hardiness. Single white, 2–3 inch flowers begin in October, continue into December.

*Camellia* 'Winter's Interlude' Camellia 4–6 ●●● 3 g, 2–3 \$35  
Bright pink anemone flowers, with a lighter center, start the show late October. *C. oleifera* hybrid with exceptional plant hardiness. (Zone 6A)

*Camellia chekiangoleosa* Camellia ●●● 1 g, 1 \$25  
This Chinese species is closely related to *C. japonica* with large glossy leaves and even larger single red flowers with an unusual orange hue. This species has done well in this region and may prove hardier than believed.



*Aesculus pavia* flowers  
Photo: John Frett



*Callicarpa dichotoma*  
'Early Amethyst' fruit  
Photo: Rebecca Pineo



*Calycanthus floridus* 'Athens' in flower  
Photo: Rick Darke



Spring blooming *Camellia* 'Sea Foam'  
Photo: Kathy Barrowclough

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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<i>Camellia chrysanthoides</i>	Camellia	4–8	☉☁☁		1 g, 2–3	\$35
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A true yellow camellia. Flowers small but numerous in the early spring. Best grown in conservatories or in a site where plants will not freeze hard. New foliage emerges strong burgundy red.

<i>Camellia furfuracea</i>	Camellia	4–8	☉☁☁		1 g, 2	\$25
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Single white flowers have undulating petals that are unique among camellias. Evergreen plants flower early in the spring and require winter protection in the landscape.

<i>Camellia japonica</i> 'Red Fellow'	Camellia	6–8	☁☁☁		3 g, 2–3	\$35
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An Ackerman hybrid with outstanding winter hardiness. The medium sized plants produce 2–2.5 inch, semi-double red flowers October–December. Excellent glossy evergreen foliage.

<i>Camellia japonica</i> 'Sea Foam'	Camellia	12–15	☁☁☁		3 g, 2–3	\$35
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The formal, double white, 4–6 inch flowers are perfection itself! Prepare yourself for this April spectacle on vigorous, upright plants (Zone 7).

<i>Camellia japonica</i> 'Victory White'	Camellia	8–10	☁☁☁		3 g, 3–4	\$35
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The reason for growing this cultivar is the sheer quality of the large, pure white semi-double, peony-like blooms, scarce in hardier cultivars. Upright vigorous plant habit.

<i>Carpinus caroliniana</i>	Hornbeam	20–30	☉☁☁☁		2 g, 2–3	\$25
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Versatile and tough tree that tolerates shady understory of woodlands or the poor compacted soils of the urban landscape. Often turns bright red and orange in the fall. Attractive, smooth grey bark; fruits serve as a food source for wildlife. N 🦋

<i>Caryopteris divaricata</i> 'Snow Fairy'		2–3	☉☁☁☁		3 g, 2–3	\$35
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The striking green and white foliage provides great appeal until the lavender blue flowers steal the show in late summer and fall. A favorite of butterflies and bees. 🦋

<i>Caryopteris</i> × <i>clandonensis</i> 'Longwood Blue'			☉☁☁☁		3 g, 2–3	\$35
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Wonderful blooming surprise at end of summer, when few other flowering shrubs in such glory. Striking blue-violet flowers stand erect above leaves. 🦋

<i>Ceanothus americanus</i>	New Jersey Tea	3–4	☉☁☁☁		1 g, 1–2	\$25
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Found on dry slopes throughout the east, 2-inch clusters of white flowers appear in summer on compact plants. N 🦋

<i>Cercis canadensis</i> 'Flame'	Eastern Redbud	15–25	☉☁☁☁		10 g, 6–8	\$145
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Similar to the species in most characteristics except the flower. Magenta pink double flowers resemble tiny carnation-like flower clusters. N

<i>Cercis canadensis</i> 'JNJ'	The Rising Sun™ Redbud	15–25	☉☁☁☁		7 g, 4–6	\$95
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Emerging foliage bronze-red, fading to orange yellow, then lime green. Repeated flushes of new growth throughout summer. Rose-orchid flowers in spring. PHS Gold Medal Plant Award winner. N

<i>Cercis canadensis</i> 'Merlot'	Eastern Redbud	15–25	☉☁☁☁		15 g, 5–7	\$145
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Red—almost, the deepest colored flower buds to date. Buds emerge deep purple-red, open to brilliant pink flowers. Size and habit similar to the species. N

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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<i>Chionanthus retusus</i> 'China Snow'	Chinese Fringetree	15–25	☉☁☁☁		3 g, 1–2	\$45
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A large shrub form with rounded, lustrous, dark green foliage that remains into late fall, giving appearance of evergreen plant. Fluffy white panicles in spring more numerous than species. 🦋

<i>Chionanthus virginicus</i>	Fringetree	15–25	☉☁☁☁		3 g, 4	\$35
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Native to the mid-Atlantic, this large shrub or small tree produces clouds of fragrant, clear white flowers in mid-spring. Female plants have clusters of blue fruit that attract birds in the fall. N 🦋

<i>Clethra alnifolia</i> 'Crystalina'	Sugartina™ Summersweet	2–3	☉☁☁☁		1 g, 2–3	\$25
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Newest of the dwarf clethras with a very compact habit. White fragrant flowers produced mid to late summer, attracting many pollinators. Great planted in drifts, as foundation plants, and in the herbaceous border. N 🦋

<i>Clethra alnifolia</i> 'Sixteen Candles'	Summersweet	2–3	☉☁☁☁		3 g, 1–2	\$25
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Selected by plantsman Michael Dirr for more compact habit and larger ivory flower clusters than 'Hummingbird', though with same fragrant flowers mid to late summer. N 🦋

<i>Comptonia peregrina</i>	Sweetfern	4–6	☉☁☁☁		1 g, 1–2	\$20
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Sweetfern fixes nitrogen to allow it to thrive in sandy soils. When brushed against or crushed, the fine-textured, fern-like foliage emits a delightful fragrance. N

<i>Cornus florida</i> 'Karen's Appalachian Blush'	Flowering Dogwood	15–25	☉☁☁☁		7 g, 5	\$95
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Introduced by the University of Tennessee, this cultivar has improved disease resistance and larger than normal white bracts blushed pink at the edges. Red fall color and fruit. N 🦋

<i>Cornus kousa</i> 'Kristen Lipka's Variegated Weeper'	Chinese Dogwood	6–8	☉☁☁☁		7 g, 3–4	\$95
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The only weeping dogwood with variegated foliage—great specimen for a small garden. Green foliage edged in creamy-white turns two-toned red in fall. White flowers held upright on weeping stems maximize late spring display. 🦋

<i>Cornus kousa</i> 'Lustgarten Weeping'	Chinese Dogwood	3–5	☉☁☁☁		7 g, 4–5	\$75
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Can be staked for extra height, or can be allowed to cascade over walls or down a slope. Upright white flowers borne along the branches in late spring, followed by red fruit and foliage in fall. 🦋

<i>Cornus sanguinea</i> 'Winter Flame'	Bloodtwig Dogwood	8–10	☉☁☁☁		1 g, 1–2	\$25
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Winter stems appear as if 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. Clusters of 2-inch white flowers in spring, black-blue fruit savored by birds, and golden yellow fall color. 🦋

*Corylus americana* American Filbert 4–8 ○●●● 2 g, 3–4 \$25  
A component of our native woodlands that typically grows as an understory plant but in full sun becomes denser in habit, fruits more heavily, and exhibits intense coppery–red fall color. Wildlife love the nuts. N 🐿

*Corylus avellana* 'Contorta' Harry Lauder's Walkingstick 8–10 ○●●● 3 g, 3–4 \$45  
Grown for its contorted form that is best appreciated in the winter landscape. The twisted and curled branches create a magnificent natural sculpture as an accent or focal point. Cut stems popular in flower arrangements. 🐿

*Cotoneaster dammeri* 'Streib's Findling' Willowleaf Cotoneaster 1 ○●●● 2 g, .5 \$15  
One of the lowest growing cotoneasters, often less than 6 inches tall. The small dark green foliage turns a reddish purple in fall, continuing through the winter. Abundant white flowers produced in spring followed by red fruit in autumn. 🐿

*Croton alabamensis* Alabama Croton 4–6 ○●●● 1 g, 2–3 \$45  
The distinctly silver underside to the leaves and brilliant pumpkin color foliage in the fall are this plant's defining attributes. Rarely seen in home gardens. Yellow flower clusters in April. N

*Daphniphyllum macropodium* Daphniphyllum 10–20 ○●●● 3 g, 3 \$35  
The bold, elongated foliage of this broadleaved evergreen shrub resemble those of a rhododendron. Attractive dark maroon flower buds appear in early spring and abundant purple–blue fruits appear on female plants in fall and winter.

*Deutzia gracilis* 'Nikko' Deutzia 2 ○●●● 3 g, 1–2 \$30  
Compact, dwarf–arching habit useful when planted in masses or as a foundation planting; very drought tolerant once established. White flowers shroud the plant in spring.

*Distylium myricoides* Isu Tree 6–10 ○●●● 1 g, 1 \$15  
A relative of witch hazel, with a low broad habit and narrow, blue–green evergreen foliage splayed neatly on either side of the stem. Small crimson red flowers clustered in leaf axils, which are seen all winter, emerge in spring.

*Distylium racemosum* 'Vintage Jade' Isu Tree 6–10 ○●●● 3 g, 1–2 \$35  
Isu tree is rocketing into popularity. 'Vintage Jade' offers deep, rich, lustrous evergreen foliage. Small clusters of maroon flowers in the spring reward the close observer. The 14–year old specimen at UDBG has never suffered winter damage.

*Edgeworthia papyrifera* Paperbush 3–5 ○●●● 3 g, 2–3 \$35  
The dark blue green leaves and distinctive branching add a tropical feel to the garden. Subtle, pendulous clusters of golden yellow flowers appear in early spring. Provide protection in the winter as plants are damaged in the low single digits.



*Gelsemium sempervirens* 'Margarita'  
Photo: Rebecca Pineo

*Euonymus americanus* Hearts–a–Burstin 4–6 ○●●● 1 g, 3–4 \$15  
The signature green stems are easy to pick out in the woods though it's the unusual, bright red fruit that open to reveal neon–orange seeds—the 'hearts–a–burstin'—that take center stage. N 🐿

*Eurya japonica* Japanese Eurya 4–6 ○●●● 1 g, 1 \$15  
The herringbone branching pattern maintains its display throughout the year. White flowers open in February–March, slightly obscured by the distinctively fragrant, glossy, dark green foliage. A consistent performer in the UDBG. Site in protected location.

*XFatschedera lizei* 'Annemieke' Fatschedera 3–5 ○●●● 1 g, 2–3 \$25  
A hybrid between English ivy and the bold foliage *Fatsia*. An evergreen, semi–vine shrub, with 4–6 inch long, yellow–green variegated leaves. May suffer some foliar damage in very cold weather but has performed well for a decade in one of UDBG's courtyards.

*Fothergilla* × *intermedia* 'Blue Shadow' Fothergilla 4–6 ○●●● 3 g, 1–2 \$45  
A new hybrid with powdery–blue leaves, most prevalent on new foliage. Bottlebrush white flowers in spring, brilliant orange red color in fall, and attractive seed capsules in winter round out its fine qualities. N 🐿

*Fothergilla* × *intermedia* 'Red Licorice' Fothergilla 3–5 ○●●● 3 g, 1–2 \$45  
Selected at Bernheim Arboretum by plantsman Paul Cappiello, this cultivar boasts consistently bright red fall foliage even in shady locations. N 🐿

*Fothergilla* × *intermedia* 'Mt. Airy' Fothergilla 5–8 ○●●● 3 g, 3–4 \$35  
Multi–seasonal interest plant with honey–scented, creamy–white, bottlebrush–like flowers in spring, superb yellow–orange–red color in fall, and hoary frosts on the dried fruits for winter interest. N 🐿

*Gelsemium sempervirens* 'Margarita' Carolina Jessamine 10–20 ○●●● 1 g, 1–2 \$15  
An evergreen vine with fragrant, bright golden yellow flowers in late winter into early spring. Well–behaved, this vine cultivar is hardier and with larger flowers than the straight species. N

*Halesia diptera* var. *magniflora* Two–winged Silverbells 20–30 ○●●● 3 g, 3–4 \$45  
A stunning native plant with branches draped with white, 1–inch, bell–shaped flowers in spring, larger than other silverbell species. Fruits provide ornamental interest in winter. N 🐿

*Halesia tetraptera* 'Rosea' Carolina Silverbell 20–40 ○●●● 7 g, 5 \$95  
Carolina silverbell has the potential to grow larger than most silverbells with slightly larger flowers. This selection boasts pink flowers, intensely deeper in cooler springs. N 🐿

*Hamamelis* × *intermedia* 'Barmstedt Gold' Witch Hazel 8–12 ○●●● 7 g, 5 \$55  
The brilliant display of gold–colored flowers February–March makes this striking in the landscape. Upright habit, becoming more rounded with age.

*Hamamelis* × *intermedia* 'Jelena' Witch Hazel 8–12 ○●●● 7 g, 4 \$55  
One of John Frett's favorites, with large, coppery–orange, 4–petaled flowers showing as early as late January, continuing for a month or more, depending on weather.

*Hamamelis vernalis* 'Sandra' Vernal Witchhazel 6–8 ○●●● 7 g, 5–6 \$55  
The new foliage emerges with a purple flush, turning green. In fall, leaves turn from yellow to orange and eventually scarlet. Golden yellow, spicy fragrant flowers appear February–March. N



*Croton alabamensis*  
fall leaves, top & bottom  
Photo: Rick Darke



*Hamamelis* × *intermedia* 'Jelena'  
Photo: Melinda Zoehrer



*Halesia diptera* var. *magniflora*  
Photo: Rick Darke



*Hydrangea serrata* 'Blue Bird'  
Photo: Melinda Zoehrer

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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<i>Hamamelis vernalis</i> 'Quasimodo'	Vernal Witch Hazel	3–4	☉☁☁		3 g, 2–3	\$55
The most compact witch hazel selection available with orange petals and maroon sepals. Hard to find but easy to site in your garden for October–November appeal. N						

<i>Hebe topiaria</i>	Shrubby Veronica	1	☉☁☁		1 g, 1	\$15
A favorite genus of English gardeners. This species stands out because of its round, compact habit, and striking deep–green foliage with yellow–green border. Numerous, small white flowers appear in summer. Requires well drained soils; best grown as short term perennial in our eastern climate.						

<i>Hydrangea arborescens</i> 'Ryan Gainey'	Smooth Hydrangea	3–4	☉☁☁		3 g, 2–3	\$35
A refined version of Annabelle with modest sized flowers that do not droop. Mophead flowers clusters, 4–6 inches in diameter, cover plant June–September. Blooms on new wood. N						

<i>Hydrangea macrophylla</i> 'Nikko Blue'	Bigleaf Hydrangea	3–4	☉☁☁		3 g, 2–3	\$35
A tried and true performer, and truly maintenance free. The large 6–8 inch clusters of sterile flowers in summer are blue in acid soil and pink in alkaline soil.						

<i>Hydrangea paniculata</i> 'Renyh'	Vanilla Strawberry™ Hydrangea	6–8	☉☁☁		3 g, 3–4	\$35
The terminal panicle begins white, soon turns pink, eventually rosy red. As flowering continues into late summer and fall, all three colors may be present at the same time.						

<i>Hydrangea paniculata</i> 'Summer Snow'	Panicked Hydrangea	8–10	☉☁☁		3 g, 1–2	\$35
This cultivar was selected for its boldly variegated foliage. Foliage flecked and streaked with creamy gold, gradually fades in summer's heat. Flowers are white, aging to pink in mid to late summer.						

<i>Hydrangea quercifolia</i> 'Ruby Slippers'	Oakleaf Hydrangea	3–4	☉☁☁		3 g, 1–2	\$30
Selected by the U.S. National Arboretum, the latest in dwarf oakleaf hydrangeas. The 9–inch flower clusters held upright above foliage. Flowers emerge white, turn pink, deepen to rose in fall. N 🦋						

<i>Hydrangea serrata</i> 'Blue Bird'	Lace–cap Hydrangea	3–4	☉☁☁		3 g, 1–2	\$35
This compact plant is easy to grow, requiring little to no maintenance, and its blue flowers have an exceptionally long bloom time.						

<i>Hypericum</i> 'Hidcote'	St. Johnswort	2–4	☉☁☁		1 g, .75	\$10
Showy, saucer–like, bright yellow flowers June to September. Can be drastically pruned back in March or April; blooms on new growth. Quite effective massed as groundcover. 🦋						

<i>Hypericum kalmianum</i> 'Cfilpc–1'	Blue Velvet St. Johnswort	2–4	☉☁☁		3 g, 1–2	\$30
Striking blue foliage provides perfect backdrop for the bright yellow summer flowers, followed by red fruit. Great planted in masses or mixed with perennials. N 🦋						

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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<i>Hypericum kouytchense</i> 'Sungold'	St. Johnswort	2–3	☉☁☁		3 g, 1–2	\$30
Gracefully arching branches on an elegantly mounded shrub, ideal for massing. Large, 2 inch, brilliant golden yellow flowers appear throughout the summer. 🦋						

<i>Ilex</i> 'Harvest Red'	Winterberry Holly	6–8	☉☁☁		3 g, 2–3	\$35
Deciduous holly with abundant, small, brilliant red berries and wine–colored leaves in the fall. Site in front of an evergreen as backdrop for red fruit. 🦋						

<i>Ilex</i> × <i>attenuata</i> 'Bienville Gold'	Foster's Holly	15–20	☉☁☁		3 g, 4–6	\$35
The small narrow foliage of Foster's holly is unlike typical holly leaves. Abundant golden yellow fruit attracts birds. N 🦋						

<i>Ilex cornuta</i> 'Carissa'	Chinese Holly	3–4	☉☁☁		1 g, 1	\$20
Slow growing compact evergreen holly excellent for foundation and mass planting. Leaves have single terminal spine. Sparse fruit production. 🦋						

<i>Ilex cornuta</i> 'Rotunda'	Chinese Holly	3–4	☉☁☁		1 g, 1	\$20
Very compact plant with evergreen foliage and occasional fruit. A great plant to direct traffic, as leaves are aggressively spined. Very tough plant. 🦋						

<i>Ilex crenata</i> 'Sky Pencil'	Japanese Holly	4–6	☉☁☁		3 g, 2–3	\$35
Extremely narrow, columnar habit (<1 foot wide) belies the great versatility of this plant, useful in screens, perennial backdrops, focal points, and in containers.						

<i>Ilex glabra</i> 'Nova Scotia'	Inkberry	4–6	☉☁☁		3 g, 2–3	\$35
One of the best inkberries as it maintains a compact dense habit without pruning; useful in foundation, hedge, or mass plantings. Evergreen and female, with small black fruit. N 🦋						

<i>Ilex opaca</i> 'Arden'	American Holly	30–40	☉☁☁		2 g, 3	\$20
A locally selected holly discovered in the community of Arden, Delaware. Dark, glossy green foliage, red berries, and compact growth make this a great specimen compared to other cultivars. N 🦋						

<i>Ilex opaca</i> 'Canary'	American Holly	30–40	☉☁☁		3 g, 3–4	\$20
Striking yellow fruit against very glossy, dark green foliage brightens the garden. N 🦋						

<i>Ilex opaca</i> 'William Hawkins'	American Holly	6–15	☉☁☁		2 g, 2–3	\$35
If you did not know this is an American holly, you would never guess by looking at it. Features unusually narrow, spiny evergreen leaves and slower than normal growth, though stunning plants at maturity. UDBG plant is 7 feet tall after 15 years. N 🦋						

<i>Ilex verticillata</i>	Winterberry	6–8	☉☁☁		2 g, 2–3	\$25
Plants grown from wild collected seeds and are unsexed. Females have abundant red fruit on bare stems in the fall and winter. Fruit is a good food source for birds. N 🦋						

<i>Ilex vomitoria</i> 'Schillings'	Yaupon Holly	2–3	☉☁☁		3 g, 1–2	\$35
A slow growing, very compact, broad oval form that will never require pruning. Good for groups or small hedges. Excellent heat tolerance. N						

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
<i>Illicium floridanum</i> 'Shady Lady'	Florida Anise-tree	4-6	○●●	☁	1 g, .5	\$25
Unusual white variegation on leaf margins with soft pink flowers in the spring. A great plant for shady corners. N						
<i>Illicium henryi</i> Henry's Anise-tree		6-8	○●●	☁	1 g, .5	\$15
Distinct from other anise-trees in that the flowers are smaller, pinkish red in color, and later flowering in May. The plant in the UDBG has grown for 20 years without winter injury.						
<i>Itea virginica</i> 'Merlot' Virginia Sweetpire		3-4	○●●	☁	3 g, 2-3	\$35
These compact plants produce 3-4 inch, fragrant white flowers in early summer. The foliage is a rich burgundy red in the fall. Use plants to stabilize slopes and other areas difficult to mow. N 🦋						
<i>Jasminum nudiflorum</i> Winter Jasmine		6-10	○●●	☁	3 g, 1-2	\$35
Numerous yellow flowers burst on the scene in March and April. For the best effect, site where the green stems can cascade over walls and boulders.						
<i>Laburnum × watereri</i> Golden Chaintree		10-15	○●●	☁	3 g, 3-4	\$25
Noted for its spectacular bright yellow, pendant chains of flowers in the spring as the foliage emerges. Paired plants create a wonderful archway entrance to a garden, looking like yellow wisteria.						
<i>Lagerstroemia</i> 'Arapaho' Crapemyrtle		15-20	○●●	☁	3 g, 2-3	\$35
A large shrub often pruned into a tree form, great around patios. A shrub for many seasons: Strong red flowers summer-fall, brownish-red exfoliating bark all year, and leaves that turn bright orange red in fall.						
<i>Leucothoe axillaris</i> 'Margie Jenkins'	Coast Leucothoe	2-4	●●●	☁	3 g, 2-3	\$35
Low evergreen arching shrub, similar to drooping leucothoe but more compact habit and wider leaves. Fragrant white flowers in the spring provide a handsome display. N						
<i>Leptodermis oblonga</i> Leptodermis		4-6	○●●	☁	1 g, 1-2	\$20
A terrible common name but fabulous plant. The small lilac flowers are produced in abundance from early summer into autumn. What they may lack in size, they make up for in number, longevity, and fragrance. 🦋						
<i>Lespedeza liukiensis</i> 'Little Volcano'	Bush Clover	6	○●●	☁	3 g, 2-3	\$35
Plants have a more upright habit as compared to other bush clovers. The rose-purple flowers explode beginning in September, lasting into late October. 🦋						
<i>Lespedeza thunbergii</i> 'Gibraltar'	Bush Clover	4-6	○●●	☁	3 g, 2-3	\$35
Showers of deep rose-purple flowers on arching branches in late summer. Stunning for the back of the herbaceous border or in a mixed shrub planting, and tough, adaptable, and drought tolerant once established. 🦋						
<i>Lindera benzoin</i> Spicebush		6-12	○●●	☁	1 g, 1-2	\$20
Anyone who has walked our local woodlands has seen this shrub. The small chartreuse flowers appear in March before foliage. Bright red fruit on female plants in fall. Autumn leaves are clear yellow. N 🦋 🌿						
<i>Lonicera periclymenum</i> Woodbine	Vine		○●●	☁	1 g, 1-2	\$20
Twining vine with tubular, fragrant flowers a rosy-red outside with creamy yellow throats, beginning late spring through early summer. 🦋 🌿						
<i>Loropetalum chinense</i> var. <i>rubrum</i>	Fringe Flower	4-6	○●●	☁	1 g, 1-2	\$20
An evergreen shrub, with vibrant fuchsia pink flowers in February or March, and reddish new foliage. UDBG's plant, grown in one of its protected courtyards, is 6 feet tall after 12 years.						



*Laburnum × watereri*  
Photo: John Frett



*Loropetalum chinense* var. *rubrum*  
Photo: John Frett

## MAGNOLIAS

One of John Frett's absolute favorite groups of plants—he likes them all, as this group shows. Offered below is a great selection of magnolia hybrids, from small to large, white to red to yellow to pink, early to late flowering, and some extremely rare.

<i>Magnolia</i> 'Cotton Candy'	15-25	○●	☁	3 g, 3-4	\$65
Huge flowers are medium pink on both the exterior and the interior; a very rare and very hardy "campbellii type" magnolia for colder climates. 🌿					
<i>Magnolia</i> 'Exotic Star'	8-12	○●●	☁	3 g, 3-4	\$65
<i>M. sieboldii</i> × <i>M. grandiflora</i> hybrid; large white flowers with red orange stamens early summer; semi evergreen leaves. 🌿					
<i>Magnolia</i> 'Frank's Masterpiece'	15-20	○●●	☁	3 g, 3-4	\$65
Immense 10-inch flowers, deep purple on outside, pink on the inside. 🌿					
<i>Magnolia</i> 'Genie'	15-25	○●●	☁	3 g, 3-4	\$65
Deep black-red buds open to cup shaped, rose-purple flowers early spring. 🌿					
<i>Magnolia</i> 'Golden Gift'	15-20	○●●	☁	7 g, 3-5	\$95
Erect, canary yellow flowers open late April-May. 🌿					
<i>Magnolia</i> 'Porcelain Dove'	15-25	○●●	☁	3 g, 3-4	\$65
<i>M. virginiana</i> × <i>M. globosa</i> cross; fragrant, white cup-shaped flowers with red stamens early summer. 🌿					



*Magnolia* 'Exotic Star'  
Photo: Dennis Ledvina



*Magnolia* 'Cotton Candy'  
Photo: Dennis Ledvina



*Neviusia alabamensis*  
Photo: Rick Darke



*Rhapidophyllum hystrix*  
Photo: Melinda Zoehrer

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
<i>Magnolia ashei</i>	Ash Magnolia	15–20	☉☁☁☁	3 g, 1–4	\$65	
Smallest of the large leaved magnolias, 12-inch white petals with blotch of purple, May; very limited supply. N 🍷						
<i>Magnolia dealbata</i>		5–35	☉☁☁☁	1 g, 1	\$35	
Mexican relative of <i>M. macrophylla</i> ; large white flowers, May; very bold textured, very rare. 🍷						
<i>Magnolia grandiflora</i> 'Bracken's Brown Beauty'						
Southern Magnolia		30–40	☉☁☁☁	1 g, 2–3	\$45	
Deep brown on reverse side of leaves; superior hardiness; fragrant white, summer flowers. N 🍷						
<i>Magnolia grandiflora</i> 'Victoria'						
Southern Magnolia		30–40	☉☁☁☁	1 g, 2–3	\$45	
Selected in Victoria, British Columbia for cold hardiness; large fragrant white flowers, summer. N 🍷						
<i>Magnolia stellata</i> 'Waterlily'						
Star Magnolia		6–12	☉☁☁☁	7 g, 4–5	\$95	
Compact shrubby stature; slender, 4–6 inch, dark purple, goblet-shaped flowers, late April. 🍷						
<i>Magnolia virginiana</i>						
Sweetbay Magnolia		25	☉☁☁☁	5 g, 4–5	\$65	
Lemon-scented, chalice-shaped ivory flowers, early summer; red fruit in fall. N 🍷						
<i>Magnolia virginiana</i> 'Henry Hicks'						
Sweetbay Magnolia		25	☉☁☁☁	3 g, 2–3	\$65	
Evergreen selection made at Swarthmore College; fragrant white summer flowers; red fruits in fall. N 🍷						
<i>Magnolia virginiana</i> 'Mardi Gras'						
Sweetbay Magnolia		10–15	☉☁☁☁	3 g, 2	\$65	
Golden margins on dark green foliage; fragrant, ivory flowers June–July. N 🍷						
<i>Magnolia virginiana</i> var. <i>australis</i> 'Perry Paige'						
Sweet Thing Dwarf Sweetbay Magnolia		5–8	☉☁☁☁	3 g, 3–4	\$65	
Dwarf; fragrant ivory-colored summer flowers; evergreen foliage. N 🍷						
<i>Magnolia</i> × <i>weiseneri</i> 'Aashild Kalleberg'						
		20–25	☉☁☁☁	3 g, 2–3	\$65	
Scented, upward facing flowers open June–July; rounded white buds open to exquisite, creamy white flowers with prominent rosy crimson stamens. 🍷						
<i>Myrica cerifera</i>	Waxmyrtle	8–15	☉☁☁☁	1 g, 2–3	\$20	
Grown from seed collected in southern end of Delmarva Peninsula, these plants have demonstrated cold hardiness during the last 20 years at UDBG. Typically evergreen, with fragrant foliage and blue gray fruit on females. N 🍷						
<i>Myrica pensylvanica</i> 'Morton'						
Silver Sprite™ Bayberry		6–10	☉☁☁☁	3 g, 1–2	\$45	
A female selection producing numerous blue fruit in the fall, lasting till spring. Aromatic foliage mostly deciduous. Plants can be pruned to the ground to maintain height and promote heavier fruiting. N 🍷						

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
<i>Myrica pensylvanica</i>	Northern Bayberry	6–10	☉☁☁☁	3 g, 2–3	\$35	
These are seedling plants that will be both male and female and can be used as a source of males to pollinate 'Silver Sprite'. N 🍷						
<i>Nandina domestica</i> 'Fire Power'						
Heavenly Bamboo		1–2	☉☁☁☁	3 g, 1–2	\$30	
Bold color is the signature for this plant—white flowers in summer, red fruit clusters fall–winter, glowing red, evergreen foliage throughout winter. The compact habit makes it ideal for foundations, massing, even inclusion in the perennial border.						
<i>Neviusia alabamensis</i>						
Snow-wreath		8–15	☉☁☁☁	1 g, 1–3	\$35	
The upright arching branches are covered with starry white, 1-inch flower clusters mid–spring. Plants can be pruned to the ground to rejuvenate old plants; easy to divide as well. Hardly ever seen in the trade! N						
<i>Osmanthus heterophyllus</i> 'Goshiki'						
Holly Osmanthus		3–5	☉☁☁☁	3 g, 1–2	\$35	
Foliage is very attractive, with white spattered across the blade of the leaf, variegation particularly effective in winter. Fragrant white flowers perfume fall garden so plant where you can enjoy.						
<i>Paeonia suffruticosa</i>	Tree Peony	2–4	☉☁☁☁	1 g, 5	\$25	
Large, double white ruffled flowers with yellow stamens provide an exquisite display in the early summer garden. Tree peony is a woody plant that should not be pruned to the ground like its herbaceous cousin.						
<i>Persia palustris</i>	Swamp Redbay	12–18	☉☁☁☁	1 g, 2–3	\$25	
Grown from wild collected seed in the southern Delmarva Peninsula, where it is native to lowlands. A member of the laurel family, in fall this large evergreen shrub produces blue black fruit, a drawing card for birds. N 🍷						
<i>Physocarpus opulifolius</i> 'Donna May'						
Little Devil™ Ninebark		3–4	☉☁☁☁	3 g, 1–3	\$35	
A new ninebark that offers burgundy foliage with red stems and pinkish–white spring flowers, similar to Diablo though very compact, suited to the smaller garden. N						
<i>Prunus laurocerasus</i>	'Batumi Rubies'					
Cherrylaurel		8–12	☉☁☁☁	3 g, 2–3	\$30	
Narrow, dark, evergreen foliage and fragrant, white erect flower clusters in spring followed by showy red fruit that matures black.						
<i>Rhapidophyllum hystrix</i>	Needle Palm	2–4	☉☁☁☁	3 g, 1–2	\$35	
A truly hardy ornamental palm for northern landscapes. Evergreen with a mounding habit, this fan-leaf palm will impress your gardening friends with your exoticism. N						
<i>Rhododendron arboreans</i>	Sweet Azalea	8–15	☉☁☁☁	3 g, 1–2	\$45	
The white to pink flowers and pink to red stamens seduce your eyes while the sweet fragrance indulges other senses June–July. Red fall foliage. N 🍷						
<i>Rhododendron</i>	'Keowee Sunset' Azalea	4–6	☉☁☁☁	5 g, 1–2	\$45	
A compact, naturally-occurring hybrid between <i>R. calendulaceum</i> and <i>R. periclymenoides</i> resulting in soft pink flowers with yellow burst. Fall foliage is orange to red. N 🍷						



*Rhododendron calendulaceum*

Photo: Rick Darke



*Stachyurus praecox* 'Matsuzaki'

Photo: Rick Darke

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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*Rhododendron catawbiense* 'Nova Zembla'  
 Catawba Rhododendron 6–10 ●●● 3 g, 2–4 \$45  
 Our most common native large leaved rhododendron, with dark red flowers in late May. Proven cultivar, excellent performer. N 🐛

*Rhododendron calendulaceum* Flame Azalea 6–12 ○●● 3 g, 1–3 \$45  
 A native deciduous azalea with bold flowers in May. Color varies from yellow to salmon, pink, orange, and scarlet. One of the most striking of our native azaleas. N 🐛

*Rhododendron prunifolium* Plumleaf Azalea 8–10 ●●● 5 g, 1–2 \$45  
 One of the showiest and rarer of our native azaleas, with clusters of salmon–red flowers that appear in late summer and early fall. Bright green summer foliage turns orange red in autumn. N 🐛

*Rhododendron viscosum* Swamp Azalea 3–5 ●●● 3 g, 1–2 \$45  
 What this deciduous azalea lacks in winter display it more than makes up for in orange red fall color and sweet fragrance, typically white flowers that appear May–June. Distinctive bluish cast to summer foliage. N 🐛

*Rhus copallina* 'Lanham's Purple'  
 Flameleaf Sumac 10–15 ○●● 3 g, 1–2 \$45  
 Fall foliage bursts into scarlet flame September–October. This selection offers rich burgundy foliage in spring–early summer but fades to green. Great for difficult sites, such as steep slopes, or works well as a screen. N 🐛

*Rhus copallina* 'Morton'  
 Prairie Flame™ Flameleaf Sumac 4–6 ○●● 3 g, 1–2 \$45  
 Shorter than the species, this outstanding introduction from the Morton Arboretum produces consistently orange–red to red fall foliage. This male selection produces creamy plumes of flowers in late July–early August. N 🐛

*Rosa* 'Radtko'  
 Double Red Knockout® Rose 4–6 ○●● 3 g, 1–2 \$35  
 John Frett never thought he'd promote a modern hybrid rose, but he's eaten his words with the Knockout® series. The plants are compact, disease free, with fragrant, bright pink flowers summer through fall.

*Rosa rugosa* 'Frau Dagmar Hastrup'  
 Rugosa Rose 3–4 ○●● 3 g, 1–2 \$35  
 A great cultivar of rugosa rose with fragrant, single pink flowers. Flowers are followed by showy red rose hips in autumn, enjoyed by birds or can be made into tea or jelly. Mix of gold and russet leaves in fall. Great for stabilizing banks. 🐛

*Salix integra* 'Hakuro Nishiki' Willow 6–10 ○●● 3 g, 3–4 \$30  
 Best grown as a cut back shrub to limit height and bring out the salmon pink new growth and white variegated foliage.

*Salix matsudana* 'Tortuosa'  
 Corkscrew Willow 20–30 ○●● 1 g, 4–5 \$15  
 The twisted yellow stems are very attractive in the late fall and winter. Cut branches are great for all types of floral arrangements and garden ornament. Often grown as a cut back plant to maximize stems for use in a variety of ways.

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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*Sambucus canadensis* Elderberry 5–12 ○●● 2 g, 4 \$25  
 The large, 6–10 inch, creamy–white flower clusters add color to the summer garden and give rise to copious blue–black fruit. Sweet fruit used to make elderberry wine. N 🐛

*Sarcococca hookeriana* var. *humilis* 'Sarsid1'  
 Fragrant Valley Sweetbox 1 ●●● 3 g, 1–2 \$35  
 A more vigorous, spreading groundcover than usual variety; but still maintains the strongly fragrant, small white flowers that appear in late winter. Drought tolerant.

*Sarcococca orientalis* Oriental Sweetbox 2–4 ●●● 1 g, 1 \$20  
 The evergreen foliage and short stature of this plant make it great for foundations, groupings, and intermixed with deciduous plantings. In late winter–early spring, small white flowers could go unnoticed if it were not for the sweet fragrance. Little seen in gardens but we cannot understand why.

*Schima wallichii* 8–15 ○●● 1 g, 1 \$25  
 Native to warm temperate Nepal, this very rare, evergreen shrub produces 2–inch white flowers in late summer. A member of the tea family, closely related to *Franklinia*.

*Sorbaria sorbifolia* 'Sem' Ural False Spirea 3 ○●● 3 g, 1–2 \$35  
 Less than half as tall as the species, this suckering shrub offers billowy white sprays in mid–late summer, with fine texture leaves. Great as a taller groundcover.

*Spirea japonica* 'Walbura'  
 Magic Carpet® Spirea 1–2 ○●● 1 g, 1–2 \$15  
 Foliage emerges orange–yellow, softens to orange–blushed chartreuse. Early summer, pink–lavender flowers contrast boldly with leaves. Use as a groundcover or in masses.

*Spirea thunbergii* 'Ogon'  
 Mellow Yellow® Spirea 3–4 ○●● 3 g, 2 \$35  
 Desirable based solely on its willow–like, chartreuse–colored leaves throughout summer, then in fall, an equally brilliant blend of salmon–orange. Pinkish–white flowers in summer.

*Stachyurus praecox* 'Matsuzaki' Spiketail 4–6 ○●● 3 g, 2 \$35  
 Rarely seen or offered in the trade (except with us), this fountain–shaped shrub springs to life in early spring with pendulous clusters of stunning bronze–colored buds followed by chartreuse–colored flowers. Cut branches to bring inside to force.

*Stranvaesia davidiana* 'Prostrata'  
 Chinese Stranvaesia 2–3 ○●● 1 g, 1–2 \$25  
 (Syn. *Photinia davidiana*) An interesting broad leaved evergreen that will function as a groundcover. The 1–inch clusters of white flowers in May produce groups of 5–10 gorgeous red fruit on long peduncles that dangle from maroon–red winter foliage. 🐛

*Sycopsis sinensis* Chinese Fig hazel 10–15 ○●● 1 g, 1–2 \$25  
 Rare evergreen member of the witchhazel family producing arching branches with small yellow flowers and red anthers, surrounded by rich, dark–brown bracts in early spring.

*SYRINGA vulgaris* 'Prairie Petite' Lilac 3–4 ○●● 1 g, 1 \$15  
 A dwarf that does not require much space nor does it require periodic cut back. Abundant, fragrant light pink flowers fade to lavender in spring. Improved mildew resistance. 🐛





*Rhododendron arborescens*  
Photo: Kathy Barrowclough



*Rhododendron viscosum*  
Photo: Rick Darke



*Viburnum carlesii* 'Aurora'  
Photo: Kathy Barrowclough



*Wisteria frutescens* 'Amethyst Falls'  
Photo: Rick Darke

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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*Trochodendron aralioides* Wheel-tree 8–15 ○●●● 1 g, 1 \$35  
Evergreen shrub or small tree with spirally arranged, lustrous green leaves that give rise to the common name of wheel-tree. Native to the mountains of Japan, South Korea, and Taiwan, this is the sole living species in the genus *Trochodendron*.

*Vaccinium angustifolium*  
Lowbush Blueberry 1–2 ○● 2 g, 1–2 \$25  
The low growth habit makes this an ideal plant for use as a groundcover. Numerous white flowers in spring, loved by pollinators, are followed by small, edible blueberries midsummer. Fruit savored by all types of wildlife. Orange, red and burgundy leaves in fall provide a spectacular display. N ●●

*Vaccinium corymbosum* 'Berkeley'  
Highbush Blueberry 5–7 ○●● 3 g, 2–3 \$35  
Is it a landscape shrub or a small fruit bush? Both. Abundant white flowers in May and June followed by powder-blue fruit, perfect for muffins and pancakes. Red to orange autumn color. N ●●

*Viburnum acerifolium*  
Mapleleaf Viburnum 4–6 ○●● 3 g, 1–2 \$35  
How can a plant, so common in our woodlands, be so difficult to find in the trade? This local gem is diminutive in stature with 2–3 inch flower clusters in late spring. Dark blue fruit contrasts well with pink-purple foliage in fall. N ●

*Viburnum carlesii* 'Aurora'  
Koreanspice Viburnum 4–6 ○●● 3 g, 1–2 \$35  
Cushions of deep pink buds open to pink-white flowers in late April with a delicious fragrance. Foliage may turn a handsome burgundy in the fall with red berries.

*Viburnum luzonicum* Viburnum 6–8 ○●●● 3 g, 1–2 \$35  
A virtually unknown plant with great merit for the garden. Densely branched, good for screening with small, lustrous green foliage that turns maroon purple in the fall. The 1–2 inch diameter flower clusters produced April–May. Demonstrates excellent heat and drought tolerance.

*Viburnum nudum* 'Winterthur'  
Smooth Witherod 4–6 ○●● 3 g, 2–3 \$35  
Selected at Winterthur Gardens for its superb foliage, stunning maroon-red fall foliage, and pink-turning-dark-blue berries in the fall. Fruit most abundant with a seedling pollinator or another cultivar. N ●●

*Viburnum opulus* 'Compactum'  
European Cranberrybush Viburnum 3–5 ○●● 3 g, 1–2 \$30  
Compact, dense habit easily fits those tight spots. Numerous white spring flowers followed by bright red fruit that persists into winter; fall foliage also red. ●

*Viburnum plicatum* var. *tomentosum* 'Shasta'  
Doublefile Viburnum 10–15 ○●● 3 g, 2–3 \$35  
In spring, spectacular white flowers appear in pairs on the branches followed by red fruit in summer. Fall color is splendid burgundy-maroon. Winter habit distinctly horizontal. ●

*Viburnum prunifolium* Blackhaw Viburnum 15–20 ○●● 3 g, 1–2 \$25  
Common in open fields and woodlands, this large shrub or small tree offers much. White flowers adorn the ends of branches in May followed by clusters of fruit in late summer and fall. Fruit starts green, turns pink, finally blue. Fall foliage red to burgundy. N ●

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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*Viburnum* × *rhytidophylloides* 'Dart's Duke'  
Viburnum 8–10 ○●● 3 g, 3–4 \$35  
Superior selection because of extra large, semi-evergreen, deep green foliage; massive, 6–10 inch creamy white flowers in May; and heavy set of red fruit in fall. PHS Gold Medal Plant Award winner.

*Vitex agnus-castus* 'Abbeville Blue'  
Chastetree 6–10 ○●●● 3 g, 2–3 \$25  
Amazing that this plant is not more popular as it is extraordinarily easy to grow, requiring only periodic pruning to shape and size. Medium textured, clean foliage serves as backdrop for the deep blue flowers in midsummer; will re-flower if old flowers removed. Great for attracting insects. ●

*Weigela florida* 'Verweig 3'  
Minor Black™ Weigela 3 ○●●● 3 g, 1–2 \$35  
A very dwarf weigela with reddish maroon foliage all season long, perfect for small garden spaces. Rose-pink flowers in May. Great in ground or container. ●

*Weigela subsessilis* 'Canary' Weigela 5–7 ○●●● 3 g, 3 \$35  
A selection by Dr. Richard Lighty, this rarely-seen species has butter-yellow flowers that appear on upright arching branches in the early spring.

*Wisteria frutescens* 'Amethyst Falls' Wisteria Vine ○●● 1 g, .75–1 \$20  
A real gem! Our native wisteria, with 4–6 inch racemes bearing lavender purple flowers in May. Much more diminutive than its Asian counterpart. N

## PERENNIALS

All heights of plants are in feet.

● *Agastache* 'Tutti Frutti' Giant Hyssop 3–5 ○●● qt \$7  
Showy, raspberry-red flower spikes appear midsummer to fall, luring hummingbirds to the garden. Spicy foliage fragrance an added bonus. ●●

*Allium* sp. Ornamental Onion 1 ○●● 1 g \$10  
Light pink-purple flowers appear summer into fall on this tough, long-blooming allium. Plants offered are divisions from plants the late, talented gardener Joanna Reed gave to equally talented gardener Melissa (Grubb) Lafferty.

*Astroemeria* 'Tangerine Tango' Inca Lily 2.5 ○●● qt \$7  
Vibrant tangerine, yellow-throated flowers blanket stems in late spring, sporadically through fall, enticing hummingbirds. Long-lasting cut flower. Though winter hardy, good drainage a must. ●●

● *Amsonia* 'Blue Ice' Blue Star 1–2 ○●● qt \$7  
In May, vivid, periwinkle-blue flowers adorn this easy-to-grow, compact, drought tolerant and deer resistant plant. Best used in masses. N

● *Aquilegia canadensis* 'Corbett'  
Columbine 1.25 ○●● qt \$7  
Pale yellow, short-spurred flowers appear April–May. Use in a wildflower woodland garden or as an accent with other spring wildflowers. Dark green foliage declines by midsummer. N ●

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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*Aster dumosus* 'Wood's Pink'  
 Bushy Aster 1-1.5 ○●☁ 1 g \$9  
 (Syn: *Symphotrichum dumosum*) Bred for its compact habit, this aster flowers heavily late summer–fall, with showy pink, daisy-like flowers, with bright yellow centers. Birds will eat dried seedheads. N 🐦

*Aster macrophyllus* Big Leaf Aster 1-2 ●●☁ 1 g \$9  
 (Syn: *Eurybia macrophylla*) Striking, heart-shaped leaves large enough to be used as a groundcover in tough sites. Rarely seen in the White Clay Creek Preserve and even less in cultivated gardens, its large, pale lavender flowers make it a knockout. N 🐦

*Athyrium niponicum* var. *pictum* 'Regal Red'  
 Japanese Painted Fern 1-1.5 ●●☁ 1 g \$10  
 Fronds display intricately woven tapestry of dark burgundy–red mid-ribs and central band surrounded by frosty grey border. Perfect companion to many shade-loving denizens.

*Baptisia* 'Solar Flare'  
 Prairieblues™ False Indigo 3-4 ○☁ 1 g \$14  
 Selected for its lemon yellow flowers that fade to orange. Drought tolerant once established and long-lived; don't move once planted. 🐦

*Baptisia sphaerocarpa* 'Screaming Yellow'  
 Wild Indigo 2-3 ○☁ qt \$10  
 Stunning, yellow–gold flowers brighten up the garden May–June. Wild indigo prized for its shorter, compact stature, drought tolerance, deer resistance, and clover-like shaped deep green leaves. N 🐦

*Begonia grandis* subsp. *evansiana*  
 Hardy Begonia 1.5-2 ●●☁ qt \$9  
 Pendant clusters of slightly fragrant, pale pink flowers appear in summer. Leaves are heart-shaped with red veins and undersides, which glow when backlit by sun.

*Bletilla* × *yokohama* Hardy Ground Orchid 1-1.5 ○●☁ qt \$10  
 Hybrid of *B. striata* and *B. formosana* featuring light pink flowers, each with a lip of deeper pink accented by prominent gold blotch, spotlighted by pleated leaves.

*Cardamine diphylla*  
 Crinkleroot .75 ○●☁ qt \$16  
 (Syn: *Dentaria diphylla*) A fantastic groundcover, though rarely seen or offered. Three-lobed, scalloped leaves with prominent white veins, appear very early in spring, followed by small white, bell-shaped flowers. A larval host for West Virginia White. N 🐦

🌿 *Carex* 'Silver Sceptre'  
 Japanese Sedge .75 ○●☁ 1 g \$9  
 Introduced by legendary Japanese plantsman Masato Yokoi, this evergreen, groundcover sedge tolerates such a wide range of soil types and moisture and light conditions, it's an indispensable addition to any garden. Fine textured, bright green and white variegation on leaves.

*Carex ciliatomarginata* 'Treasure Island'  
 Sedge .5 ●●☁ qt \$7  
 A slow spreader, with broad flattish leaves, medium green edged in white. While dormant in winter, 'Treasure Island' brightens shady spots in the woodland garden and provides a fine contrast to bolder perennials and shrubs.

*Carex flacca* 'Blue Zinger'  
 Glaucous Sedge .75-1 ○●☁ 1 g \$9  
 Narrow, wispy blue leaves on sturdy, evergreen groundcover that fills many gardening niches. Prefers alkaline soil, but withstands a wide range of soils and garden conditions.

*Ceratostigma plumbaginoides*  
 Leadwort .75 ○●☁ 1 g \$9  
 A proven groundcover plant that weaves itself in and around others, helping to unify perennial border. Long lasting, deep blue flowers in midsummer followed by scarlet red fall foliage, complemented by red calyces. Late to leaf out in spring, be patient.

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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*Chelone glabra*  
 Turtlehead 1.5-3 ○●☁ qt \$7  
 A larval host for the Baltimore Checkerspot, white turtleheads can be seen flowering in the White Clay Creek Preserve late summer–early fall. Perfect for damp or wet areas in your garden or near ponds. N 🐦

*Chelone lyonii* 'Hot Lips' Turtlehead 1.5-3 ○●☁ 1 g \$9  
 Deep green foliage topped with rose-pink, hooded snapdragon-like flowers brighten the landscape August–September. Growing outside UDBG's office in stunning combination with *Heuchera* 'Autumn Bride'. N

*Chrysanthemum* 'Sheffield Pink'  
 Hardy Chrysanthemum 1-2 ○☁ 1 g \$9  
 Though apricot-pink flowers don't appear till early October, what an instant showstopper. Good groundcover, weed suppressant, and excellent cut flower, plus important nectar source late in the season.

### CLEMATIS

*Clematis* 'Cleminov51' Sapphire Indigo™ Clematis 3 ○●☁ qt \$14  
 Herbaceous, non-twining; grow as climber or groundcover; sapphire blue flowers all summer; ornamental seedheads; prune late winter/early spring.

*Clematis* 'Roguchi' Clematis 5 ○☁ 3 g \$35  
 Herbaceous, non-twining; may desire staking; heavy bloomer; cobalt blue, bell-shaped, 2-inch flowers summer-fall; flowers on new growth; to prune, find buds swelling in spring, remove all dead growth just above them.



*Allium* species  
 Photo: Melinda Zoehrer



*Cardamine diphylla*  
 Photo: Rick Darke



*Ceratosigma plumbaginoides*  
Photo: Kathy Barrowclough



*Fragaria* 'Mara des Bois'  
Photo: Melinda Zoehrer



*Geranium* 'Gerwat'  
Photo: Kathy Barrowclough



*Helleborus* 'Heronwood Purple'  
Photo: Rick Darke

Latin name Common name Mature Size Light Soil Pot Size, Plant Size Price

*Clematis integrifolia* 'Fascination'

Clematis 5 ○ ● ☁ 1 g \$35  
Herbaceous, non-twining; grow as climber or groundcover; purple–blue, bell-shaped flowers edged in white midsummer; flowers on new growth; birds use silky seed heads to build nests. 🦋

*Clematis montana* var. *rubens*

Clematis 6–12 🦋 ☁ 2 g \$35  
Twining; rich, vanilla scented, pastel pink flowers spring; flowers on new growth; prune after flowering to encourage flowering and new growth.

*Clematis recta* 'Purpurea Select'

Clematis 3–5 ○ ● ☁ 2 g \$35  
Herbaceous, non-twining; new leaves emerge purple; fragrant white flowers late summer–fall; flowers on new growth; prune late fall to early winter few inches above ground; trim early in the season to promote branching, dense habit, increased blooming. 🦋

*Clematis viticella* 'Polish Spirit'

Clematis 6 ○ ● ☁ 2 g \$35  
Twining; rich velvety–purple, 3-inch flowers midsummer into fall; flowers on new growth; prune back hard each spring to about 2 feet, or even less if desired; look for fat, sturdy buds and prune just above them.

*Cyrtomium fortunei* Fortune's Holly Fern 1.5 ● ☁ 1 g \$12  
Similar to but rarer, hardier, and less glossy fronds than its close relative Japanese Holly Fern. The evergreen, holly-shaped fronds provide late fall through winter presence.

🌿 *Delosperma* 'P001S'

Fire Spinner™ Ice Plant .5 ○ ☁ qt \$7  
Bright orange flowers with a magenta base and white center make this succulent groundcover a standout in the border in late spring into summer.

*Denstaedtia punctilobula*

Hay-scented Fern 1–1.5 ● ● ☁ 1 g \$10  
A fairly fast growing deciduous fern that forms dense carpet when provided good cultural growing conditions. Lacy, light green, triangular-shaped fronds turn burnished copper in the fall. Combines well with hostas, hardy begonias, heucheras, *Spigelia*. N

*Dracocephalum ruschianum* 'Blue Dragon'

Dragonhead 1–1.5 ○ ☁ qt \$9  
Great plant for sunny, hot and dry spots. Hooded flowers, resembling those of snapdragons, begin in June and continue throughout August.

*Echinacea purpurea* 'Solar Flare'

Big Sky™ Coneflower 1.5–2 ○ ● ☁ 1 g \$12  
From June through late August, dark purple stems support stunning flowers with wide coral petals and a dark cone. Goldfinch relish cones once flowers have faded. Excellent in combination with an array of perennials, e.g. *Geranium* 'Gerwat', *Helianthus* 'Low Down', *Phlox* 'Jeana'. N

Latin name Common name Mature Size Light Soil Pot Size, Plant Size Price

*Erigeron pulchellus* var. *pulchellus* 'Lynnhaven Carpet'

Robin's Plantain .5–1 ○ ● ☁ 1 g \$9  
Easy to grow but oddly neglected in gardens. Very hardy woodland native great for use as groundcover for dry shade. Cultivar named by local plantsman Charles Cresson, with pale lavender daisies appearing in May. N

*Fragaria* 'Mara des Bois' Strawberry

.75–1 ○ ☁ qt \$9  
An everbearing variety that produces fruit summer to early fall its first year; subsequent years produces heavy spring crop with continued production throughout the growing season. Plump, firm, sweet and exceedingly tasty small red berries, with vigorous runners.

🌿 *Gaura lindheimeri* 'Whirling Butterflies'

Gaura 2–3 ○ ☁ qt \$7  
Gaura comes from the Greek word for "superb," as in superb whirling butterfly-like, light pink flowers throughout summer. If you don't prune last year's growth till early spring and plant in well-drained soil, gaura will be a long lasting perennial. N 🦋

*Geranium* 'Gerwat' Rozanne® Cranesbill

1 ○ ● ☁ qt \$7  
From Blooms of Bressingham comes one of the most garden-worthy geraniums. Celebrated for its large, saucer-shaped, violet–blue flowers with white centers spring–fall. Great heat tolerance. 🦋

*Geranium maculatum* 'Espresso'

Wild Cranesbill 1–2 ○ ● ☁ 1 g \$9  
Loose, clump-forming perennial with chocolate-colored leaves complemented by lavender flowers. Darker leaves in more sun. Nectar source for small butterflies and skippers. N 🦋

*Geum coccineum* 'Koi' Avens

.75 ○ ● ☁ qt \$7  
Long lasting, very bright orange flowers appear spring–summer above compact mound of glossy green leaves. Great cut flower and hummingbird magnet. 🦋

*Helianthus salicifolius* 'Low Down'

Willow-Leaved Sunflower 1–1.5 ○ ☁ 1 g \$9  
A Blooms of Bressingham introduction, this compact cultivar is a scaled down version but with same upright growth habit and willowy foliage of species. Golden yellow rays and dark brown center discs smother the plant in fall. Tolerates clay soil. N 🦋

*Helleborus* × *hybridus* Lenten Rose

1 ● ● ☁ 1 g \$14  
These plants are seedlings of *Helleborus* 'Heronwood Purple' purchased from legendary Heronswood nursery in the Pacific NW. Be sure to plant where you will appreciate the flowers during the winter months. Parent plants have satiny, deep purple/black, single flowers.

**HEUCHERA**

Invaluable plants for the herbaceous border, heucheras are grown largely for the colorful and beautifully patterned leaves. Best grown in partial sun, though with more moisture, will tolerate full sun. Creamy white or pink colored, small bell-shaped flowers appear in late spring–midsummer.

*Heuchera* 'Blackout'

Coral Bells .5–1.5 ○ ● ☁ 1 g \$10  
Glossy, nearly black leaves, rounded lobes; cream flowers.

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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<i>Heuchera</i> 'Caramel'	Coral Bells	.75-1	☀️	🌱	1 g	\$10
Apricot foliage, red undersides; pink flowers; heat, humidity, drought tolerant.						

<i>Heuchera</i> 'Dark Secret'	Coral Bells	.75-1	☀️	🌱	1 g	\$10
Ruffled purple-bronze foliage, glowing red undersides; cream flowers.						

<i>Heuchera</i> 'Encore'	Coral Bells	.75-1.5	☀️	🌱	1 g	\$10
Leaves emerge rose-purple, mature with silver highlights; cream flowers.						

<i>Heuchera</i> 'Pinot Gris'	Coral Bells	1	☀️	🌱	1 g	\$10
Leaves emerge ginger, silver overlay; mature to a smoky-rose.						

<i>Heuchera</i> 'Pinot Noir'	Coral Bells	.75-1.5	☀️	🌱	1 g	\$12
Leaves emerge black-purple; mature into ornate silver overlay, dark purple veins; cream flowers; heat, humidity and drought tolerant.						

<i>Heuchera villosa</i> 'Beaujoulais'	Alum Root	1	☀️	🌱	1 g	\$10
Large, dark burgundy leaves, silver highlights, dark veins; pink flowers; heat, humidity, drought tolerant.						

<i>Hosta</i> 'Blue Mouse Ears'	Plantain Lily	.5-75	☀️	🌱	qt	\$10
Densely packed, 3-inch long, powdery, blue-green leaves slug resistant; 2008 Hosta of the Year winner. Hostas are an indispensable foliage plant for the shade garden. Lavender, bell-shaped flowers midsummer. 🐛						

<i>Iris</i> 'Black Gamecock'	Louisiana Iris	2	☀️	🌱	1 g	\$12
Six-inch wide, royal-velvet petals and sepals with a narrow gold patch appear midsummer. A Louisiana Iris of mixed parentage, 'Black Gamecock' will colonize if sited in consistently moist to boggy soil or shallow water. Deer and rabbit resistant. N						

<i>Iris pumila</i> 'Forever Blue'	Dwarf Bearded Iris	1	☀️	🌱	1 g	\$10
A long-lived rebloomer with very light blue-violet petals and sepals and darker blue beards (hair-like parts on the sepals); makes for a good cut flower, lasting a week or so. Award of Merit winner, combines well with hostas, heucheras, ferns, and sedges.						

<i>Kniphofia</i> 'Mango Popsicle'	Red-Hot Poker	1.5-2.5	☀️	🌱	2 g	\$12
Amidst green grass-like foliage, upright flower spikes of mango-orange light up the garden late spring-early summer, sporadically throughout summer if spent flowers removed. 🐛						

<i>Liriope muscari</i> 'Okina'	Lilyturf	1-1.5	☀️	🌱	1 g	\$12
Invaluable groundcover for hot and humid areas, as path edging or groundcover. Foliage emerges white in spring, becoming speckled then green by fall. Whorls of lilac-purple flowers appear late summer, give way to blackish berries that may persist into winter.						

<i>Liriope muscari</i> 'Pee Dee Gold Ingot'	Golden Monkey Grass	1-1.5	☀️	🌱	1 g	\$12
Emerging a vivid yellow, the leaves mature to a chartreuse color, brighter when grown in full sun. Summer lavender flowers showcased by foliage. Tough, durable, and deer resistant.						

<i>Onoclea sensibilis</i>	Sensitive Fern	1-2	☀️	🌱	1 g	\$10
Although native to swampy, marshy areas, it will grow well in average garden conditions. Will spread if given optimum growing conditions and thus is an effective moist shade groundcover. N						

<i>Ophiopogon planiscapus</i> 'Nigrescens'	Black Mondo Grass	.75-1	☀️	🌱	qt	\$14
Striking form of mondo grass. Nearly-black grassy foliage beautifully accentuate lilac-colored flowers. Slow growing, though once it hits its stride, worth the wait: Tough and durable, though refined accent plant.						

<i>Osmunda cinnamomea</i>	Cinnamon Fern	2-3	☀️	🌱	1 g	\$10
While naturally occurring in swamps, bogs, seeps and springs, this fern is adaptable to moist shade conditions. Hummingbirds sometimes use the fuzz on young emerging fronds to line their nests. Sublime when backlit by the sun. Plant with other bold-leaved perennials. N						



*Ophiopogon planiscapus* 'Nigrescens'

Photo: Melinda Zoehrer

Latin name	Common name	Mature Size	Light	Soil	Pot Size, Plant Size	Price
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<i>Packera aurea</i>	Golden Groundsel	1.5	☀️	🌱	1 g	\$9
(Syn: <i>Senecio aureus</i> ) Golden-yellow, daisy-like flowers appear late spring/summer. If cultural conditions suitable, groundsel forms a dense groundcover that suppress weeds. Dynamic combination with columbines. N 🐛						

<i>Penstemon</i> × <i>mexicali</i> 'Sunburst Amethyst'	Beardtongue	1.5-2	☀️	🌱	1 g	\$10
Adorned with ruby-red, tubular flowers with white centers early summer-fall, the perfect magnet for butterflies or hummingbirds. Upright habit on compact plant. Well-drained soil important. 🐛 🐛						

<i>Pericaria amplexicaule</i> 'Firetail'	Mountain Fleece	3-4	☀️	🌱	qt	\$12
Erect, bottlebrush-like, 6-inch flower spikes of tiny, crimson-red flowers appear over long period, starting in June. Not rambunctious. Here's an offering with a unique provenance: These plants trace back to a plant given to Melinda Zoehrer by David Culp in 1989 when he worked at Waterloo Gardens in Devon PA.						

<i>Phlox paniculata</i> 'Jeana'	Summer Phlox	2-4	☀️	🌱	qt	\$7
One of the stars of the midsummer-autumnal border, with sweetly scented, light pink flower with red center; mildew resistant. Pollinators flock to phlox. N 🐛 🐛						

<i>Phlox paniculata</i> 'David'	Summer Phlox	2-4	☀️	🌱	qt	\$7
Named by E.M. Mooberry of Millersville fame. Highly mildew resistant, with huge heads of white flowers. Great plant for the middle of the herbaceous border, bringing cheer to the midsummer doldrums. N 🐛 🐛						

<i>Polystichum acrostichoides</i>	Christmas Fern	1-2	☀️	🌱	1 g	\$10
Dark, glossy, evergreen fronds provide interest throughout the year. Drought tolerant, excellent groundcover, deer resistant, adaptable to many soil types and site conditions, make it an indispensable addition to every garden. If grown in full sun, supplemental moisture may be necessary. Great complement to almost any plant. N						

<i>Ratibida columnifera</i> f. <i>pulcherrima</i> 'Red Midget'	Mexican Hat Plant	1-1.5	☀️	🌱	1 g	\$9
Prominent, 1-2 inch central cone surrounded by reflexed, mahogany-red petals edged in yellow, summer-late fall. A prairie native, 'Red Midget' tolerates drought, is heat and deer resistant, and its only particularity is a preference for nutrient-poor, well-drained soil.						

<i>Salvia microphylla</i> 'Wild Watermelon'	Littleleaf Sage	2-3	☀️	🌱	1 g	\$10
Extra large, bright rose-pink flowers with a white marking in throat, alluring to hummingbirds and other pollinators. Unlike other salvias, this one spreads by layering itself. Flowers best in spring and fall. Good drainage a must with salvias. 🐛 🐛						



*Packera aureus*  
Photo: Rick Darke



*Salvia* 'Purple Rain'  
Photo: Melinda Zoehrer



*Sedum* 'Larinem Park'  
Photo: Rick Darke



*Spiranthes odorata* 'Chadds Ford'  
Photo: John Frett

Latin name Common name Mature Size Light Soil Pot Size, Plant Size Price

*Salvia verticillata* 'Purple Rain'  
Lilac Sage 1.5–2 ☉☁ qt \$7  
Abundant, smoky lilac–purple flowers appear all summer, and even when they stop, the purple calyces provide an ongoing colorful display. Tolerates cutback of foliage part way through summer. Requires well drained soil. 🦋🐝

*Sedum spectabile* 'Neon' Showy Stonecrop 1.5 ☉☁ qt \$7  
A stonecrop for the herbaceous border, with upright, fleshy stems, dark grey–green fleshy leaves, and vibrant pink, starry, deep rose pink flowers midsummer. 🐝

*Sedum ternatum* 'Larinem Park'  
Whorled Stonecrop .5 ☉☁ qt \$7  
Unlike other sedums, this one grows well in both sun and shade. Spreading quickly to form a dense groundcover, in late spring it is covered with starry white flowers. N

*Spigelia marilandica* Indian Pink 1 ☉☁ qt \$9  
Bright, scarlet–red flowers with pale yellow throats entice hummingbirds. Flowers profusely in early summer and sporadically thereafter; self–sows if given optimum cultural conditions. N 🐝

*Spiranthes cernua* var. *odorata* 'Chadds Ford'  
Ladies Tresses 1 ☉☁ qt \$10  
In late summer, 10–inch–tall stalks of fragrant white flowers arranged in spiral, make their debut. A terrestrial orchid, with basal, strap–like evergreen leaves, which thrives in full sun, moist to wet conditions, yet is also fine in well–drained garden soil. N

*Thalictrum ichangense* 'Evening Star'  
Meadow Rue .75 ●●☁ 1 g \$12  
Choice woodland specimen with quarter–size, copper/olive/tan green leaves, each highlighted by silver veining pattern. From spring until fall, 15–inch tall sprays of tiny mauve–lavender flowers float above the foliage. A diminutive gem and Epimedium look–alike.

Latin name Common name Mature Size Light Soil Pot Size, Plant Size Price

*Thalictrum rochebruneanum* 'Lavendar Mist'  
Meadow Rue 5 ☉☁ qt \$7  
Elegant doesn't begin to describe this Japanese native: Tall, airy, and delicate looking see through plant with attractive, blue–green, columbine–like leaves. Airy sprays of dainty, bi-colored lavender and yellow flowers atop deep wine–purple stems in July.

*Thermopsis chinensis* 'Sophia'  
Pea Bush 1.5 ☉☁ 1 g \$9  
Compact and drought–tolerant with handsome blue–green, pea–like foliage. Startlingly bright, canary yellow spires of lupine–like flowers appear early spring. Attracts bees and butterflies. 🦋

*Tricyrtis ravenii* Toad Lily 3 ●●☁ qt \$16  
One of the most exotic and beautiful fall blooming plants. Orchid–like flowers, white, heavily speckled with purple–red. A new species from Taiwan named after retired Missouri Botanic Garden Director Dr. Peter Raven.

*Viola walteri* 'Silver Gem'  
Prostrate Blue Violet .5–75 ●●☁ qt \$7  
Selected by Mt. Cuba Center for its striking silvery–colored, heart–shaped leaves with contrasting green veins. Adding to its appeal, the leaf undersides vary from pale purple–green to burgundy. Drought tolerant once established. Fritillary caterpillar food source. N 🦋



*Persicaria* 'Firetail'  
Photo: Melinda Zoehrer



*Spigelia marilandica*  
Photo: Rick Darke



*Mublenbergia capillaris*  
Photo: Rick Darke



*Corylopsis glabrescens*  
Photo: Melinda Zoehrer

## ADDITIONAL PLANTS

Below are plants that will be available in limited quantities. These plants will be offered on all sale days, Wednesday through Saturday.

### SHRUBS

*Corylopsis glabrescens*  
*Corylopsis sinensis* var. *sinensis* 'Spring Purple'  
*Cotinus* 'Young Lady'  
*Hydrangea paniculata* 'Phantom'  
*Ilex dimorpbophylla* × *cornuta*  
*Ilex latifolia*  
*Ilex leucoclada*  
*Ilex verticillata* 'Golden Verboom' (male)  
*Illicium* sp.  
*Indigofera* sp.  
*Micbelia figo*  
*Myrica cerifera* 'Hiwassee'  
*Myrica pennsylvanica*  
*Prunus laurocerasus* 'Forest Green'  
*Prunus persica* 'Bonfire'  
*Rbus aromatic* 'Gro-Lo'  
*Salix* sp.

### PERENNIALS

*Adiantum pedatum*  
*Agave* 'Blue Glow'  
*Agave* 'Spot'  
*Allium lusitanicum* 'Summer Beauty'  
*Alstroemeria* 'Mauve Majesty'  
*Amsonia* 'Blue Ice'  
*Amsonia hubrichtii*  
*Asarum canadense*  
*Asclepias incarnata*  
*Asclepias incarnata* 'Ice Ballet'  
*Asclepias physocarpa*  
*Asclepias tuberosa*  
*Athyrium* 'Ocean's Fury'  
*Athyrium niponicum* var. *pictum*  
*Baptisia* 'Midnight'  
*Baptisia australis* 'Sky Blue'  
*Baptisia sphaerocarpa* 'Gold Dust'  
*Boeberia biloba*  
*Boltonia asteroides* var. *latisquama* 'Masbolimket'  
*Bouteloua gracilis* 'Blonde Ambition'  
*Caltha palustris*  
*Carex buchananii* 'Red Rooster'

*Carex laxiculmis* 'Hobb'  
*Carex platyphylla*  
*Cheilanthes lanosa*  
*Chelone lyonii*  
*Chrysogonum virginianum*  
*Clematis beracleifolia*  
*Coreopsis* 'Cosmic Eye'  
*Dendranthema* 'Warm Yoigloo'  
*Dianthus* 'Devon Starling'  
*Dianthus deltoides* 'Arctic Fire'  
*Dianthus deltoides* 'Confetti Cherry Red'  
*Dianthus gratianopolitanus* 'Bath's Pink'  
*Dianthus gratianopolitanus* 'Tiny Rubies'  
*Dianthus* 'Sherbet'  
*Disporopsis arisanensis*  
*Disporopsis pernyi*  
*Dryopteris erythrosora* 'Brilliance'  
*Echinacea pallida*  
*Echinacea paradoxa*  
*Echinacea purpurea*  
*Echinacea purpurea* 'Magnus'  
*Echinacea purpurea* 'Ruby Star'  
*Eragrostis spectabilis*  
*Eupatorium rugosum* 'Chocolate'  
*Euphorbia amygdaloides* var. *robbiae*  
*Geranium* × *cantabrigiense* 'Biokovo'  
*Geranium maculatum*  
*Geranium maculatum* 'Alba'  
*Gladiolus* 'Boone'  
*Hakonechloa macra* 'All Gold'  
*Hakonechloa macra* 'Sunny Delight'  
*Hedycium* sp.  
*Helleborus* 'Onyx Odyssey'  
*Helleborus* 'Brandywine'  
*Hemerocallis* 'Happy Returns'  
*Hemerocallis thunbergii*  
*Heuchera* 'Vienna'  
*Heuchera macrorrhiza* 'Autumn Bride'  
*Heuchera micrantha* 'Bressingham Hybrid'  
*Heuchera villosa* 'Mocha'  
*Hosta* 'Blue Umbrellas'  
*Hosta* 'Cracker Crumbs'  
*Hosta* 'Frosted Jade'

*Hosta* 'Pandoras Box'  
*Hosta* 'Paradise Island'  
*Hosta* 'Sage'  
*Hosta* 'Sun Power'  
*Hosta* 'Teeny-weeny Bikini'  
*Hosta* 'Tick Tock'  
*Iris cristata*  
*Iris sibirica* 'Caesar's Brother'  
*Juncus inflexus* 'Blue Mohawk'  
*Kalimeris yomena* 'Shogun'  
*Lamiastrum galeobdolon* 'Herman's Pride'  
*Leucanthemum* × *superbum* 'Becky'  
*Ligularia* 'Osiris Fantaisie'  
*Ligularia stenocephala* 'The Rocket'  
*Lobelia cardinalis*  
*Lobelia cardinalis* 'Fried Green Tomatoes'  
*Lobelia cardinalis* 'Queen Victoria'  
*Mublenbergia capillaris*  
*Nepeta* 'Joanna Reed'  
*Nepeta* × *faassenii* 'Walker's Low'  
*Nipponanthemum nipponicum*  
*Opuntia humifusa*  
*Pachysandra procumbens*  
*Penstemon* 'Margarita'  
*Penstemon* 'Dark Towers'  
*Penstemon* 'Firebird'  
*Penstemon digitalis* 'Husker Red'  
*Phlox divaricata* 'May Breeze'  
*Phlox paniculata* 'Bright Eyes'  
*Phlox stolonifera* 'Blue Ridge'  
*Pycnanthemum flexuosum*  
*Rudbeckia fulgida* var. *sullivantii* 'Goldsturm'  
*Rudbeckia laciniata*  
*Rudbeckia subtomentosa* 'Henry Eilers'  
*Ruellia* sp.  
*Salvia* 'Ultra Violet'  
*Salvia guaranitica* 'Argentina Skies'  
*Salvia guaranitica* 'Black & Blue'  
*Salvia uliginosa*  
*Saruma henryi*  
*Saxifraga stolonifera*  
*Sedum* 'Beka'  
*Sedum* 'Lajos'  
*Sedum* 'Maestro'  
*Sedum dasyphyllum*  
*Sedum erythrostictum* 'Frosty Morn'  
*Sedum hispanicum*  
*Sedum rupestre* 'Angelina'  
*Sedum sieboldii*  
*Sedum spurium* 'Red Carpet'  
*Sedum telephium* 'Xenox'  
*Sempervivum* 'Jade Rose'  
*Sempervivum* 'Sunset'  
*Solidago caesia*  
*Solidago flexicaulis*  
*Solidago rugosa* 'Fireworks'  
*Solidago sspacelata* 'Golden Fleece'  
*Thelypteris decursive-pinnata*  
*Tiarella cordifolia* 'Brandywine'  
*Tiarella cordifolia* 'Oakleaf'  
*Tricyrtis formosana* 'Samurai'  
*Vernonia lettermanii* 'Iron Butterfly'  
*Veronica longifolia* var. *subsessilis* 'Blue Pyramid'  
*Veronica spicata* 'Tickled Pink'  
*Woodwardia virginica*  
*Yucca* 'Color Guard'  
*Yucca filamentosa* 'Bright Edge'  
*Yucca filamentosa* 'Golden Sword'  
*Zauschneria garretti* 'Orange Carpet'  
*Zizia aurea*

### TENDERS

*Acalpha hispida*  
*Colocasia esculenta*  
*Dyckia* × *dawsonii* 'Brittle Star'  
*Echeveria* 'Rain Drops'  
*Euphorbia heterophylla*  
*Hibiscus* 'Mahogany Splendor'  
*Nematanthus*  
*Sansevieria cylindrica*  
*Streptocarpus* 'Blueberries n Cream'  
*Streptocarpus saxorum* 'Concord Blue'



*Alstroemeria* 'Mauve Majesty'  
Photo: Kathy Barrowclough



# 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.

## 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 (3 x/yr)
- 1 free guided garden tour per year

### \$185 Sustaining Membership Benefits

- Basic Membership benefits for 2 adults in same household
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### \$500 Benefactor Membership Benefits

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

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## Botanic Gardens

### 2013 Plant Sale Catalog

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