Connect to nature

Get inspired by wildflowers, naturalistic gardening and meadows in a whole new way with our seasonal garden tours. Enjoy an art class in the garden or learn about native plant gardening, conservation, and habitats by taking one of our classes. And if you can’t visit us, enroll in our new online distance learning program, Mt. Cuba Center Connect.

Visit www.mtcubacenter.org to reserve a tour or sign up for a class.

Two-Hour Guided Tours | $5 per person
- Spring Wildflower Tours
  April 12th – May 27th
- Summer Twilight Tours
  May 30th – July 26th

8th Annual Wildflower Celebration | Free
- April 29th, 10am – 4pm

Purple pitcherplant
(Sarracenia purpurea)
We welcome you to the twentieth annual UDBG benefit plant sale. In addition to its role as the major source of funding for the UDBG, we hope it also serves as a major educational event for our members and the public. It presents an opportunity to learn about new plants and consider possibilities. We should always look for ways to expand and improve our knowledge about plants and this catalog offers possibilities to accomplish both.

As always, we offer an in-depth look at a particular group of plants, this year the genus *Camellia*. The selection goes beyond offering various cultivars with differing flower color; to a more extensive exploration of the genus with particular emphasis on hardy selections and new hybrids targeted at colder garden situations, as well as varieties suitable for warmer parts of our region. In addition to offering a great selection of camellias for sale, we have invited renowned regional camellia expert, Mr. Charles Cresson to write the camellia section of the catalog. Charles was an early participant in the US National Arboretum’s camellia cold hardy evaluation program and has 40 years of experience growing camellias in northern gardens. In addition, Charles has agreed to join us for the Patron’s evening on **Wednesday, April 25**, where we will offer a select group of plants, including rare camellias, only available that evening.

UDBG staff grows the sale each year in response to the feedback received from customers. Many customers have expressed a need for smaller shrubs and you will therefore notice an increased selection of smaller shrubs. The typical residential property may be limited in space, so smaller shrubs offer the opportunity to provide diversity, continuing functionality through the seasons, and lower maintenance.

Another frequent request at plant sales and UDBG educational events is plants with fragrant flowers. The list of fragrant plants available at this year’s sale starts in late winter with the aroma of *Corylopsis, Hamamelis* and *Sarcococca*. As temperatures warm and spring arrives, *Calycanthus, Gardenia* and *Magnolia* perfume the garden. Some magnolias flower later, in the summer permeating the air with their sweet bouquet along with *Clethra*, and *Rhododendron*. Finally, the fall garden is enhanced by the refreshing scent of September flowering native azaleas, *Osmanthus* and November *Mabonia* and *Camellia*. Whatever the season, there is a fragrance for your garden.

We hope you enjoy the catalog and that it provides you an insight into this year’s sale. It is always a fun-filled event looking and considering possibilities. We look forward to seeing you at the sale.

*John Frett*
*UDBG Director and Professor*

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**Mission**

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

The plant sale catalog is available on the Web at: http://ag.udel.edu/udbg/. Many additional plants, which are available in smaller quantities on the days of the sale, are listed on page 17.

EDUCATIONAL EVENTS

Registration is required for all educational events. Please e-mail Sue Biddle at sbiddle@udel.edu to register or phone 302-831-2531.

Plant Sale Highlights Lecture

Wednesday, March 14, 7–9 p.m.
UDBG Friends members: FREE; Nonmembers: $10
Location: The Commons, Townsend Hall
UDBG Director John Frett’s images show many plants offered at the sale.

Guided Walk of 2012 Plant Sale Highlights

Wednesday & Thursday, April 4 & 5, 4–5:30 p.m.
UDBG Friends members: $5; Nonmembers: $10
Location: Meet at Fischer Greenhouse entrance
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

Design for the Nature of Today’s Gardens

Tuesday, April 10, 7–8 p.m.
UDBG Friends members: $5; Nonmembers: $10
Location: The Commons, Townsend Hall
There has never been a more interesting or exciting time to be involved in the design of outdoor spaces. Trends and fashions come and go in landscape design, mostly with an emphasis on the aesthetics and style, but recently there has been a sea change in how we approach our green spaces. This new trend embraces the dynamic nature of living landscapes and identifies conservation, functionality and viability as primary goals. Although the constant flux of today’s ‘Nature’ can seem overwhelming, perhaps we can modify our designs to find opportunity in this wild vibrancy. Using a diversity of wild habitats and designed landscapes for illustration, Rick Darke will discuss how his approach to design and stewardship has evolved in an age when the only certainty is the accelerating pace of change.


Natural Sources of Perfume Lecture & Friends Meeting

Wednesday, May 9, 7–9 p.m.
UDBG Friends members: FREE; Nonmembers: $10
Location: The Commons, Townsend Hall
Today, only about 80% of the perfume ingredients are from natural plant sources in the international commercial market. Yet, most of these 30% remain indispensable. Join us in this fascinating lecture by Dr. Arthur O. Tucker, as he presents the major perfume odors via images and perfume blotters and discusses their fascinating history and essential oils.

Arthur O. Tucker is a botanist specializing in the identification and chemistry of plants of flavor, fragrance, and medicine at Delaware State University in Dover. In his capacity as Research Professor and Director of the Claude E. Phillips Herbarium, he has worked with all age groups and a wide variety of ethnic groups, to help them better appreciate herbs. As an advisor and writer for numerous scientific and popular gardening magazines, Dr. Tucker has helped untold numbers grow healthier herbs, bring in better harvests, and simply enjoy herbal flavors and fragrances more fully. He is the author of The Encyclopedia of Herbs: A Comprehensive Reference to Herbs of Flavor and Fragrance.
HARDY CAMELIAS FOR MONTHS OF SPECTACULAR BLOOM

Charles Cresson

DURING THE COOL SEASONS OF THE YEAR, when most blooms are small and scarce in the garden, no hardy shrub can match the flower power of camellias, boasting large blossoms against glossy evergreen foliage. Despite the camellia’s longstanding reputation as a tender southern belle, modern hybrids provide a choice of hardy cultivars for autumn and spring bloom. Individual plants may flower for 2 or 3 months and a camellia garden planted with several varieties can easily provide luscious blooms for 5 or more months, even in our northern climate. Old plants, allowed to grow large, can achieve the stature of large shrubs or even small trees, producing thousands of blooms each year.

Camellias are adapted to flowering in seemingly inhospitable seasons when conditions can be cold, wet and even frosty. By setting many buds that they open in succession over a long period of time, they overcome these challenging conditions. If individual flowers are damaged by such inclement weather, another set of buds are waiting to replace them when conditions moderate. The individual blossoms of some varieties even have a surprising degree of frost tolerance. Since camellia flowers are heavily endowed with nectar, they are highly prized by honeybees, particularly in autumn.

For convenience, camellias can be divided in to 3 categories:

1. The spring blooming varieties begin as early as March and continue until late April or early May. Individual varieties have an earlier or later period of bloom, but the peak season is April. This is the classic camellia with many cultivars derived from Camellia japonica and its hybrids. Flowers may exceed 4 inches in diameter in colors ranging from pure white through shades of pink to dark red. Flower forms vary from single through semi-double to the very decorative “formal double” with petals arranged in a neat pattern. The heavy substance of these blooms makes them ideal for cutting and floating in a decorative bowl in which they may last for several days.

2. The autumn varieties flower from mid-October to December or even January, depending upon weather patterns, with the heaviest bloom period occurring from mid October until Thanksgiving. Derived mostly from C. sasanqua and hybrids, including C. × vernalis, these cultivars have smaller leaves and smaller flowers of thinner substance than their spring blooming brethren. When cut, they last only a day or so, particularly in a warm room. But out in the garden, their bloom is prolific and extended through a succession of flowers, often exceeding 2 months on a single plant. Colors range from white through shades of pink with a few red varieties, and single to double flower forms. They are also lightly scented, although the sweetness of the scent is tempered with musty, earthy overtones. While individual cultivars vary in their bloom periods, those that begin in early fall are most recommended for colder garden conditions, allowing them time to open most of their buds before the onset of more severe winter conditions. No camellia can be expected to continue blooming through the dead of winter outdoors in our region.

3. Tender or non-hardy species and hybrids require protection from severe frosts and bloom during the winter months. In recent years, scores of new camellia species have been discovered in the tropical and subtropical forests of southeastern Asia including Vietnam. They are excellent candidates for a cool sunroom or windowsill where temperatures range from 40–60°F. Many of these varieties will bloom for months with a succession of sweetly fragrant flowers. They can be summered outdoors to maximize bud set for the following winter and respond well to pruning in order to control size and improve their shape.

While isolated camellia specimens have been known to survive outdoors for years in the mid-Atlantic states, active breeding programs to develop reliably winter hardy cultivars began only 30 years ago after a series of devastatingly severe winters demonstrated the hardiness of a little known species, the tea-oil camellia, C. oleifera.
Hybridizers combined the hardiness of this white fall-blooming species from China with the floral attributes of traditional varieties to provide a varied selection of new hardy hybrids which are now becoming available. Another event in the 1980’s was the discovery of *Camellia japonica* growing wild on islands off the coast of Korea, the coldest place where this species grows wild. Introductions from these islands have proven to be significantly more cold hardy than any other japonicas previously grown in gardens.

These seductively beautiful camellias might be assumed to be finicky garden plants, but not so. They are perfectly suited to most local garden conditions, requiring well-drained acid soils, moderate shade, and shelter from drying wind and strong sun in winter. They happily tolerate clay soils and their deep roots provide remarkable drought tolerance once established. Spring planting is highly recommended to allow them to establish deep roots before winter. Provide an acidic mulch of pine needles or leaves and even a groundcover planting such as epimedium or hakone grass to protect the roots from deep freezing. Do not fertilize camellias during their first year; nor should they require it under most conditions thereafter.

Camellias also respond well to pruning to make them more compact and bushy. The finer textured fall bloomers can even be sheared into hedges. Just remember to prune only in spring, after flowering has ceased, to allow plenty of time for the next year’s flower buds to form.

Include camellias in shrub borders for extended seasonal interest. Also integrate them into foundation plantings where they will receive additional shelter from the house to improve their blooming success during harsh weather, but bear in mind that the tall upright habit of most varieties makes them unsuitable for planting under windows. Camellias also make excellent companions for plants with similar bloom seasons. Consider associating them with mahonia (autumn and spring blooming), sweet box, *Corylopsis*, daffodils, scillas and snowdrops, to name just a few. The blue flowered *Aster oblongifolius* ‘Fanny’ blooms along with the fall camellias right up to Thanksgiving, even in the coldest weather! Imagine the possibilities!

If deer are your concern, remember that most camellias grow tall enough to exceed the reach of those browsing mouths, so it is worth planting and protecting them while young.

In season, camellias reign supreme as spectacular garden features. Global warming will serve to lengthen their effective bloom season into winter, while their southern roots and heat tolerance will enable them to shrug off the ill effects of hot summers. Once you’ve seen an established camellia planting in full bloom, you won’t be able to resist having them for your own and you will anticipate the coming of autumn, accompanied by the first camellia blooms, like never before!

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**SPRING BLOOMING CAMELIAS**

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size, Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Camellia chekiangoleosa</em></td>
<td>A 'April Blush'</td>
<td>15-25'</td>
<td>1 g, 3'</td>
<td>d</td>
<td>3 g, 3'</td>
<td>$25</td>
</tr>
</tbody>
</table>

This Chinese species is closely related to *C. japonica* with large glossy leaves and even larger single red flowers with an unusual orange hue. These flowers are followed by very large fruit approaching the size of an apple. This species has done well in this region and may prove harder than believed. Seeds can be pressed to make high-quality cooking oil. (Zone 7A)

<table>
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<tr>
<th>Latin Name</th>
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<th>Soil</th>
<th>Pot Size, Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Camellia caspedita</em></td>
<td>A 'April Kiss'</td>
<td>6-10'</td>
<td>1 g, 3'</td>
<td>8</td>
<td>3 g, 3'</td>
<td>$35</td>
</tr>
</tbody>
</table>

A fine textured species, bearing many small white flowers among the small leaves in spring. New growth is flushed with red. Old plants may achieve the stature of a small tree. These plants are the hardest form of this species, originating from a collection in the Huang Shan (Yellow Mountains) in Anhui Province, China, at the northern range of camellias. (Zone 7A)

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size, Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Camellia japonica</em></td>
<td>A 'Adolphe Audusson Variegated'</td>
<td>8-15'</td>
<td>1 g, 3'</td>
<td>8</td>
<td>3 g, 3'</td>
<td>$35</td>
</tr>
</tbody>
</table>

This cultivar dates to the early 1940s, when it was selected as a mutant sport off of ‘Adolphe Audusson’, a historic selection from the 1870s. Large, semi-double blooms are deep scarlet red often with a prominent display of golden stamens. Individual blooms display random blotches of white on the petals. (Zone 7)

<table>
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<th>Latin Name</th>
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<th>Soil</th>
<th>Pot Size, Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Camellia japonica</em></td>
<td>A 'April Kiss'</td>
<td>6-10'</td>
<td>1 g, 2'</td>
<td>8</td>
<td>3 g, 2'</td>
<td>$25</td>
</tr>
</tbody>
</table>

The “April Series” was bred for hardiness in the north where the most suitable conditions for bloom occur in April. ‘April Kiss’ bears large single light pink flowers on a neat compact upright plant. (Zone 6B)

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size, Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Camellia japonica</em></td>
<td>A 'April Series'</td>
<td>12-15'</td>
<td>1 g, 3'</td>
<td>8</td>
<td>3 g, 3'</td>
<td>$35</td>
</tr>
</tbody>
</table>

Among the older varieties, ‘Berenice Boddy’ stands out as being one of the hardiest in numerous gardens from Philadelphia and Long Island and has served as a parent in breeding new hardy varieties. It is also one of the more precocious varieties in bloom, often blooming as early as January, and is also one of the more rapid growers. (Zone 6B)

<table>
<thead>
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<th>Common Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size, Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Camellia japonica</em></td>
<td>A ‘Hokkaido Red’</td>
<td>8'</td>
<td>1 g, 1-2'</td>
<td>d</td>
<td>1 g, 1-2'</td>
<td>$25</td>
</tr>
</tbody>
</table>

About 50 years ago, the seed for this variety was collected on the cold northern Japanese island of Hokkaido by Dr. John Creech of the US National Arboretum. It stood the test of time, thriving at Pleasant Run Nursery, near Trenton, and was recently proven to be significantly more cold hardy than any other japonicas previously grown in gardens.
named and introduced to the rest of us. Apart from its proven hardiness, you will want ‘Hokkaido Red’ for the bright red, trumpet-shaped flowers that begin in December and for the unusual purple color of its leaves during winter. (Zone 6B, at least)

**Camellia japonica** ‘Korean Snow’ 6-10’ 6’ 1 g. 1’ $25

Of the plants introduced from the cold Korean islands, this is the only known white seedling; all others are red. The single pure white flowers create a striking contrast to the dark green glossy foliage in spring. Probably the hardest white variety. (Zone 6B)

**Camellia japonica** ‘Kumasaka’ 6-10’ 6’ 3 g. 3’ $35

Recorded in Japanese literature since 1695, this is one of the oldest camellia varieties. As it turns out, it is also one of the hardest spring bloomers and has been a frequent breeding parent of the new cold hardy hybrids. As one of the latest varieties to bloom, ‘Kumasaka’ extends the season into the beginning of May. She has aged well over 300 years, remaining one of the most beautiful varieties with medium to large peony form flowers of a deep rose color and heavy substance. (Zone 6B)

**Camellia japonica** ‘Magnolia Queen Pink’ 6’ 6’ 1 g. 1-2’ $25

Deep pink semi-double flowers with irregular petals adorn this old variety in April to early May on a bushy plant. It is a sport of the candy-striped ‘Priscilla Brooks’ which was originally introduced by the famous Magnolia Gardens in South Carolina. (Zone 7A)

**Camellia japonica** ‘Sea Foam’ 12-15’ 12’ 1 g. 1-2’ $25

The white formal double flowers of this cultivar are perfection itself! Prepare yourself for this April spectacle on a vigorous upright plant. (Zone 7A)

**Camellia japonica** ‘Tama Electra’ 8’ 8’ 1 g. 2-3’ $25

The small to medium size dark red single flowers are bordered with white in March and April on vigorous upright plants with a compact habit. An introduction of the famous Nuccio’s Nursery in California. (Zone 7)

**Camellia japonica** ‘Tama-No-Ura’ 6-10’ 6’ 3 g. 3’ $35

A truly unique and remarkably hardy Japanese variety discovered in the wild by a charcoal burner. The small single red flowers with a prominent white border and yellow stamens are just over 2 inches wide and occur in March and April. The plant habit is upright and open. Absolutely charming! (Zone 7A)

**Camellia japonica** ‘Tomorrow’ 10’ 10’ 1 g. 1-2’ $25

These alluring strawberry red flowers can be very large in an irregular peony form in March and April. Plants have a vigorous open habit of growth. (Zone 7)

**Camellia japonica** ‘Victory White’ 8-10’ 8’ 3 g. 3’ $35

The reason for growing this somewhat tender variety is the sheer quality of the large pure white semi-double peony-like blooms, scarce in harder cultivars. Upright vigorous plant habit. (Zone 8)

### FALL BLOOMING CAMELIAS

**Camellia ‘Autumn Spirit’** 8’ 8’ 3 g. 3’ $35

Among the cold hardy *C. oleifera* hybrids, ‘Autumn Spirit’ has the deepest burgundy pink double flowers, which begin their show in October. This deep color is also more pinks of many fall varieties. It is a moderately vigorous plant with a bushy upright habit. (Zone 6A)

**Camellia oleifera** Tea-Oil Camellia 12-15’ 12’ 3 g. 2’ $35

The tea-oil camellia is an important crop in China where the large seeds are pressed to produce high quality oil used for cooking and other purposes. This is believed to be the hardest species of *camellia* and has proved very useful in breeding for more cold hardy varieties. Single white flowers with narrow petals are produced in large numbers from mid October into December. Mid size leaves are a dark matte green. Even in our region this can become a large shrub or small tree exceeding 20 feet tall and wide. (Zone 6B)

**Camellia sinensis** ‘Rosea’ 7’ 7’ 3 g. 3’ $35

No plant has had a greater effect on world economics, politics and culture than tea. Grown as a crop for thousands of years, the tea plant is also an interesting ornamental. The small white flowers with prominent yellow stamens begin to open in early September, the first of any fall blooming species, and continue all through November. The hardy tea plant makes a small bushy shrub so it is easy to fit it into a sheltered microclimate in colder regions. You can easily make your own green tea by harvesting the soft new growth and allowing it to dry. (Zone 7A)

**Camellia sinensis** ‘Survivor’ 6-10’ 6’ 3 g. 3’ $35

This attractive cultivar differs from the common tea in its delightful pink flowers and purplish new growth. It may prove to be slightly less hardy. (Zone 7)

**Camellia ‘Winter’s Snowman’** 6-10’ 6’ 1 g. 1-2’ $25

When in full bloom, the large white anemone flowers of this hybrid are a real showstopper. Its flowering period is November and December on a vigorous upright plant. (Zone 6A)

**Camellia x vernalis** ‘Shibori Ego’ 4-6’ 4’ 3 g. 3’ $35

The translation of “variegated smiling face” refers to the white blotches on the pink semi-double flowers. The plant habit is vigorous and upright. (Zone 7A)

**Camellia x vernalis** ‘Yuletide’ 8-10’ 8’ 1 g. 1-2’ $25

The name says it all. Reds are rare among the fall blooming camellias and ‘Yuletide’ has the clearest red of all. Its long bloom season even includes the holiday season. Outdoors the flowers may be damaged by December cold, but ‘Yuletide’ makes a superb potted specimen for a cold sunroom where it will bloom for much of the winter. (Zone 7B)

**Camellia ‘Winter’s Interlude’** 6-12’ 6’ 3 g. 3’ $35

The bright pink anemone flowers with a lighter center make a good show from late October on this rounded shrub. An additional feature is the exceptional plant hardiness of this *C. oleifera* hybrid. (Zone 6A)

**Camellia ‘Winter’s Snowman’** 6-12’ 6’ 1 g. 1-2’ $25

When in full bloom, the large white anemone flowers of this *C. oleifera* hybrid are a real showstopper. Its flowering period is November and December on a vigorous upright plant. In spring, the new growth is wine colored. A sheltered location will help prolong the bloom season. (Zone 6A)

**Camellia ‘Winter’s Star White’** 6-10’ 6’ 3 g. 3’ $35

‘Winter Star’ is a popular and dependable performer in northern gardens due to its early onset of bloom in mid October. A long bloom season allows it the opportunity to open nearly all of its flower buds before winter. The rich pink single blooms are a delight on a vigorous upright plant. (Zone 6A)

**Camellia ‘Winter’s Star’** 6-10’ 6’ 3 g. 3’ $35

All of the beauty of ‘C. Winter’s Star’ but with large single white flowers. (Zone 6A)
Guangdong. (Zone 7B?)
leaves have a reticulate venation. Native to the Chinese provinces of Hunan, Jiangxi and
flowers have pretty undulate wavy petals. Some clones have a nice fragrance. Small
set, sometimes with over a dozen long pointy buds at the tip of a branch, and the white
In late winter
Among the many recently discovered camellia species,
surprisingly hardy
western Fijian province, this is one of the hardier of these rare species. Definitely worth
grayish-green cast. Widely distributed in China from southwestern Zhejiang province to
This fall blooming species has a very different look. The 2 inch pale yellow flowers are
P
Fragrant Camellia
Camellia lutchuensis
plant can't have everything! (Zone 7B?)
become a 30-foot tree. The greenish cream flowers aren't all that decorative, but a
which have a very unique scaly brown “furfuraceous” surface texture. This widely
Grow this rare species for its stiff 7-inch long foliage with indented veins and the fruits
have the color! These 1.5-inch bright yellow flowers come in spring and the emerging
the camellia world and this new species native to southern Guangxi, China definitely

**Tender Camellia Species**

**Camellia chrysantha**
6-8’
- Tender Camellia Chrysanthoids
- 1 g, 1-2’
- $35
- **PATRON EVENING ONLY.** Truly yellow flowers have been one of the Holy Grails of the camellia world and this new species native to southern Guangxi, China definitely has the color! These 1.5-inch bright yellow flowers come in spring and the emerging foliage has a strong burgundy red color. The large mature foliage is distinctive with deeply impressed veins. (Zone 8B)

**Camellia furfuracea**
6-20’
- Tender Camellia Furfuracea
- 1 g, 2’
- $25
- This rare species for its stiff 7-inch long foliage with indented veins and the fruits which have a very unique scaly brown “furfuraceous” surface texture. This widely spread species is found in the forests of SE China, Vietnam and Laos where it can become a 30-foot tree. The greenish cream flowers aren’t all that decorative, but a plant can’t have everything! (Zone 7B)

**Camellia lutchuensis**
15-20’
- Fragrant Camellia
- 1 g, 1’
- $25
- **PATRON EVENING ONLY.** This really choice winter blooming species, with masses of sweetly fragrant small white flowers among tiny narrow serrated leaves, has been used to breed fragrant hybrids. Although a vigorous grower, it makes a fine potted plant when pruned for size. A native of the Ryu Kyu Islands of southern Japan, it has minimal hardiness, but makes a charming addition to a cool room or sun porch. (Zone 8-9)

**Camellia octopetala**
8-15’
- 1 g, 2.5’
- $25
- This fall blooming species has a very different look. The 2 inch pale yellow flowers are followed by huge brown fruits the size of oranges and the large glossy foliage has a light grayish-green cast. Widely distributed in China from southwestern Zhejiang province to western Fijian province, this is one of the hardier of these rare species. Definitely worth a try. (Zone 7A)

**Camellia transnokoensis**
6-10’
- 1 g, 2’
- $25
- The red spots on the outer petals of these 1.5 inch white flowers make this species especially distinctive in bud. This fine textured plant with inch long leaves is surprisingly hardy, considering it is a native of Taiwan. Late winter bloom. (Zone 7B)

**Camellia truncata**
6-8’
- 1 g, 1’
- $25
- Among the many recently discovered camellia species, _C. truncata_ was only described in 1990. This fine textured plant is perfect in a pot and produces small 5 petaled flowers in late winter among small glossy pointed leaves. This species from Yunnan, China has not yet been trialed for hardiness. (Zone 8B)

**Camellia yuhisienensis**
4-8’
- 1 g, 2’
- $25
- In late winter, this species makes a spectacular floral display due to a very heavy bud set, sometimes with over a dozen long pointy buds at the tip of a branch, and the white flowers have pretty undulate wavy petals. Some clones have a nice fragrance. Small leaves have a reticulate venation. Native to the Chinese provinces of Hunan, Jiangxi and Guangdong. (Zone 7B)

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**Fragrant Camellia**

**Camellia japonica**

- Photo: Melinda Zoehrer

**Camellia sasanqua**

- Photo: John Frett

**Camellia yuletide**

- Photo: Melinda Zoehrer

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**(recipe for:**

**Camellia Tea**

**ingredients/materials**

- 2–3 leaves from Camellia (sinensis) twigs
- 1 sheet of paper for withering
- 1 tea pot for brewing

**directions**

**Step 1, Plucking:** Cut off twigs with 2–3 of the younger fresher tip leaves (first flush) then pull off individual leaves. This serves to prune and encourages new growth.

**Step 2, Withering:** Lay the leaves out on a sheet of paper in a warm place for 2–4 hours to wither and lose about 40% of their moisture.

**Step 3, Rolling and Drying:** Rolling the leaves breaks them up and releases natural enzymes (juices) which start the fermentation process.

**Step 4, Brewing:** Both of these processing methods maintain the leaf size and produce a light tea with natural aroma. Place a few leaves in a pot, or Chinese style in a bowl, add boiling water and allow to brew. The liquid should be pale and refreshing.

---

**Quick Reference for Cultural Symbols**

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 often can withstand a wider range of conditions. Plants that prefer part shade may grow well in full sun if there is adequate soil moisture during hot, dry spells. Similarly, plants that prefer moist soils may grow well in drier sites if some shade is provided, especially midday.

**Light Recommendations**

- full sun
- partial sun
- full shade

**Soil Moisture Recommendations**

- dry soil
- moist soil
- wet soil

**Attract Birds, Butterflies and Caterpillars**

- birds
- butterflies and caterpillars

**Native**

- “N” after the plant description indicates plants are native to the Eastern United States. Cultivars of native plants are also considered native, as these are a selection from variants in the population.
**PLANT DESCRIPTIONS**

### CONIFERS

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size</th>
<th>Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Cephalotaxus harringtonia</em> 'Duke Gardens'</td>
<td>Japanese Plum Yew</td>
<td>3-5'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>1 g, 6-12&quot;</td>
<td>$15</td>
</tr>
<tr>
<td><em>Cephalotaxus harringtonia</em> 'Fastigata'</td>
<td>Japanese Plum Yew</td>
<td>5-10'</td>
<td>☀</td>
<td>☀</td>
<td>○</td>
<td>1 g, 2'</td>
<td>$15</td>
</tr>
<tr>
<td><em>Cephalotaxus harringtonia</em> var. drupacea</td>
<td>Japanese Plum Yew</td>
<td>10-20'</td>
<td>☀</td>
<td>☀</td>
<td>○</td>
<td>3 g, 2'</td>
<td>$35</td>
</tr>
<tr>
<td><em>Chamaecyparis obtusa</em> 'Nana Gracilis'</td>
<td>Hinoki Falsecypress</td>
<td>4-6'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>3 g, 2'</td>
<td>$35</td>
</tr>
<tr>
<td><em>Juniperus horizontalis</em> 'Wiltoni'</td>
<td>Blue Rug Juniper</td>
<td>1-2'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>2 g, 1'</td>
<td>$25</td>
</tr>
<tr>
<td><em>Juniperus virginiana</em> Eastern Bedder</td>
<td>One of the few conifers native to this area and an important evergreen presence. Female plants produce attractive blue cones (berries) enjoyed by wildlife.</td>
<td>20-50'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>3 g, 3'</td>
<td>$25</td>
</tr>
<tr>
<td><em>Pseudolarix kaempferi</em> Golden Larch</td>
<td>Graceful, deciduous conifer with soft-textured foliage that turns a glowing gold then amber in fall. Cones resemble artichokes and add to elegant silhouette in winter.</td>
<td>50-70'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>1 g, 1-2'</td>
<td>$15</td>
</tr>
<tr>
<td><em>Taxodium distichum</em> 'Falling Waters'</td>
<td>Weeping Bald Cypress</td>
<td>15-25'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>7 g, 5'</td>
<td>$65</td>
</tr>
<tr>
<td><em>Taxus cuspidata</em> 'Green Wave' Yew</td>
<td>Compact, dense, horizontally arcing branch habit makes this a natural en masse.</td>
<td>4-5'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>1 g, 1-2'</td>
<td>$15</td>
</tr>
<tr>
<td><em>Thuja 'Green Giant'</em></td>
<td>One of the fastest growing conifers, great for use as a screen to block undesirable views or to create garden rooms.</td>
<td>50-70'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>3 g, 2-3'</td>
<td>$35</td>
</tr>
<tr>
<td><em>Thuja occidentalis</em> 'Filiformis'</td>
<td>Conifer with distinctive thread-like, deep green foliage and broadly pyramidal, pendulous habit.</td>
<td>4-8'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>3 g, 2'</td>
<td>$35</td>
</tr>
<tr>
<td><em>Tsuga canadensis</em> 'Jeddeloh' Hemlock</td>
<td>A slow growing, very compact form of Canadian hemlock with a broadly pyramidal habit.</td>
<td>4-6'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>1 g, 1'</td>
<td>$15</td>
</tr>
</tbody>
</table>

### TREES

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size</th>
<th>Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Acer griseum</em> Paperbark Maple</td>
<td>20-35'</td>
<td>☀</td>
<td>☀</td>
<td>☀</td>
<td>2 g, 4'</td>
<td>$45</td>
<td></td>
</tr>
</tbody>
</table>

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

---

*Asimina triloba* Pawpaw | 3 g, 1' | ☀ | ☀ | ☀ | $25 |

Asimina triloba is a small, multi-stemmed tree, often growing as a naturalizing groundcover. It produces a fruit similar to the pawpaw, valued by wildlife and Native Americans for centuries. The fruits are edible and can be used in desserts or for making jelly.

---

* Diospyros virginiana Common Persimmon | 5-60' | ☀ | ☀ | ☀ | $25 |

Diospyros virginiana is a medium-sized tree, often grown as a specimen or in small groups. Its leaves are palmately compound and its fruit, the persimmon, is edible when fully ripe.

---

* Fagus sylvatica *American Beech | 80-120' | ☀ | ☀ | ☀ | $45 |

Fagus sylvatica is a tall, deciduous tree, often used as a shade tree or as an ornamental plant in gardens. Its leaves are compound and its fruit, the hazelnut, is edible.

---

* Morus alba *Chaparral Weeping Mulberry | 15-30' | ☀ | ☀ | ☀ | $25 |

Morus alba is a small tree or shrub, often grown as a specimen or in groups. Its leaves are compound and its fruit, the mulberry, is edible when ripe.

---

* Oxydendrum arboreum Sourwood | 25-50' | ☀ | ☀ | ☀ | $45 |

Oxydendrum arboreum is a deciduous tree, often used as a shade tree or as an ornamental plant in gardens. Its leaves are compound and its fruit, the sourwood berry, is edible.

---

* Populus grandidentata Bigtooth Aspen | 60-120' | ☀ | ☀ | ☀ | $25 |

Populus grandidentata is a large tree, often grown as a specimen or in groups. Its leaves are compound and its fruit, the Aspen catkin, is edible.

---

* Quercus alba *White Oak | 50-80' | ☀ | ☀ | ☀ | $55 |

Quercus alba is a large tree, often grown as a shade tree or as an ornamental plant in gardens. Its leaves are compound and its fruit, the acorn, is edible.

---

* Acer palmatum 'Sango-kaku' | 4-6' | ☀ | ☀ | ☀ | $55 |

Acer palmatum 'Sango-kaku' is a deciduous shrub, often grown as a specimen or in groups. Its leaves are compound and its fruit, the acorn, is edible.

---

* Acer japonicum *Fullmoon Maple | 4-5' | ☀ | ☀ | ☀ | $65 |

Acer japonicum is a deciduous tree, often grown as a specimen or in groups. Its leaves are compound and its fruit, the acorn, is edible.

---

* Acer saccharum *Sugar Maple | 50-80' | ☀ | ☀ | ☀ | $65 |

Acer saccharum is a large tree, often grown as a shade tree or as an ornamental plant in gardens. Its leaves are compound and its fruit, the acorn, is edible.

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*Ginkgo biloba* *Autumn Gold* Ginkgo | 5-10' | ☀ | ☀ | ☀ | $35 |

Ginkgo biloba is a small, deciduous tree, often grown as a specimen or in groups. Its leaves are compound and its fruit, the Ginkgo seed, is edible.

---

* Ostrya virginiana *American Hornbeam | 25-40' | ☀ | ☀ | ☀ | $35 |

Ostrya virginiana is a medium-sized tree, often grown as a specimen or in groups. Its leaves are compound and its fruit, the Ginkgo seed, is edible.

---

* Quercus alba *White Oak | 50-80' | ☀ | ☀ | ☀ | $55 |

Quercus alba is a large tree, often grown as a shade tree or as an ornamental plant in gardens. Its leaves are compound and its fruit, the acorn, is edible.

---

* Acer japonicum 'Green Cascade' | 4-5' | ☀ | ☀ | ☀ | $35 |

Acer japonicum 'Green Cascade' is a deciduous shrub, often grown as a specimen or in groups. Its leaves are compound and its fruit, the acorn, is edible.

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* Acer palmatum 'Tamukeyama' | 4-6' | ☀ | ☀ | ☀ | $65 |

Acer palmatum 'Tamukeyama' is a deciduous shrub, often grown as a specimen or in groups. Its leaves are compound and its fruit, the acorn, is edible.
Quercus bicolor Swamp White Oak  
50-60'  ○  ●  10 g, 5-6'  $55
A member of the white oak group, this oak is found in low areas and floodplains; ideal for heavy soils or where water tends to sit. Attracts songbirds, waterbirds, ground birds, and mammals. N ☁️

Quercus incana Bluejack Oak  
12-18'  ○  ●  3 g, 1'  $25
A shubby oak of the coastal plain suited to well drained, dry soil. It occurs with pines in its native habitat and produces abundant acorns at an early age, great for wildlife. N ☁️

Quercus prinus Chestnut Oak  
60-70'  ○  ●  10 g, 6'  $55
Frequenty found in habitats that have rocky, dry, nutritionally-poor soils and on ridges. Mature bark with deep, v-shaped furrows producing broad ridges. Evenly toothed leaves reminiscent of the American Chestnut leaves, hence its name. Acorns food source birds and mammals. N ☁️

Sassafras albidum Common Sassafras  
30-60'  ○  ●  3 g, 1-3'  $20
With bright green, mitten-shaped, oval, or three-lobed leaves, sassafras is outstanding for its fall color, ranging from yellow to vibrant orange to fiery red. Although reputed difficult to transplant, sassafras establishes readily from containers. On female plants, dark-blue fruits on scarlet stems add ornamental interest. N ☁️

Ulmus rubra 'Massachusetts'  
6-15'  ○  ●  7 g, 4-5'  $95
Unique weeping form that provides architectural interest throughout the year, particularly as snow falls, when it outlines the corky winged stems. Original 50 year old tree at JC Raulston Arboretum is only 10 feet in height.

SHRUBS

Abelia x grandiflora 'Confetti'
Glossy Abelia  
2-3'  ○  ●  Ig, 1'  $15
A cultivar prized for the creamy-colored margins of the leaves that turn rose during the winter months. In summer and fall, fragrant white flowers appear. ☁️

Aesculus parviflora Bottlebrush Buckeye  
8-12'  ○  ●  3 g, 1-3'  $35
Multi-stemmed and wide spreading, this handsome specimen shrub is ideal for planting en masse and effective under shade trees. Pollinators are lured to the candelabra-like white flowers in June, and then in the fall, wide clusters of orange and red. Foliage turns brilliant orange and red. N ☁️

Amelanchier lamarkii Lamark Serviceberry  
15-20'  ○  ●  5 g, 4-5'  $75
Naturally occurring hybrid between A. arborea and A. lamarkii, with new leaves that emerge a bronzy red at the same time as floccy white flowers open in early spring. Prolific red-purplred fruits are delicious to eat. N ☁️

Arctostaphylos uva-ursi 'Massachusetts'
Bearberry  
1'  ○  ●  1 g, 1'  $20
Woody groundcovers are rare and this is one of the best. In spring, pink-white, small urn-shaped flowers are followed by large, bright red berries in the fall. Rich, dark evergreen foliage. Acidic, well-drained soil important. N ☁️

Aronia arbutilfolia 'Brilliantissima'
Chokecherry  
6-8'  ○  ●  3 g, 2-3'  $25
Hard-to-locate shrub based on cultural adaptability in the landscape. Add the white flowers in spring, scarlet red leaves in fall, and abundant red fruit in winter (larger than the species), and you have a winner. N ☁️

Aucuba japonica 'Golden King'
Japanese Aucuba  
4-6'  ○  ●  3 g, 2-3'  $25
Male selection (use to pollinate female plants) of aucuba with broad, evergreen foliage heavily spotted and speckled. A great plant for that shady corner that will provide color year round.

Buxus sempervirens Boxwood  
6-12'  ○  ●  1 g, 1'  $15
A traditional selection for an evergreen hedge, which can be maintained at any height through shearing, or left unshorn for a more informal, though still elegant display.

Buxus sempervirens 'Unraveled'
Weeping Boxwood  
5-8'  ○  ●  3 g, 1'  $35
Unlike any boxwood you have ever seen before, with distinctly weeping habit, more like a groundcover than a shrub. Useful for covering a wall or planting on a slope.

Callicarpa americana
American Beautyberry  
8-10'  ○  ●  3 g, 1-2'  $35
Native to the southeastern U.S., American beautyberry boasts a vibrant display of purple fruit against clear yellow leaves in late summer and fall. N ☁️

Calycanthus chinensis Chinese Sweetshrub  
6-9'  ○  ●  3 g, 2'  $30
Formerly Styraxcalycanthus chinensis, this rare Asian counterpart to our American sweetshrub offers 2-3 inch wide, camillia-like white flowers May into June.

Calycanthus floridus Carolina Allspice  
6-8'  ○  ●  3 g, 2-3'  $30
Denud sweetshrub with a suckering habit. Maroon flowers appear as the foliage emerges in spring. Fragrance varies but always provides hints of strawberry. N ☁️

Calycanthus × raulstonii 'Haritage Wine'
Chinese Sweetshrub  
6-9'  ○  ●  3 g, 1-2'  $35
Lemon-yellow flowers appear in May; delightful fragrance intensifies as flowers age (dried flowers great in potpourris). More compact habit than the straight species. N ☁️

Campsis grandiflora 'Morning Calm'
Trumpet Creeper  
Vine  ○  ●  3 g, 3'  $35
A well-mannered trumpet creeper is hard to find but this cultivar is just that. A JC Raulston Arboretum introduction, with peach-colored petals and a yellow throat appearing in June and sporadically all summer. ☁️

Cephalanthus occidentalis Buttonbush  
3-6'  ○  ●  3 g, 2-3'  $20
One of our native wetland plants that is widely adaptable to many cultural situations. The spherical cluster of creamy flowers in the summer are an excellent source of nectar for many pollinators. N ☁️

Cercis canadensis 'Appalachian Red'
Eastern Redbud  
15-25'  ○  ●  7 g, 5-7'  $95
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 ☁️

Cercis canadensis 'Covey'
Lavender Twist® Eastern Redbud  
8-10'  ○  ●  10 g, 6'  $95
The distinctive habit enhances the garden in all four seasons at one-half the height of the species. Deep colored buds open to rose-pink flowers, accentuating the habit. N ☁️

Cercis canadensis 'JSI'
The Rising Sun™ Redbud  
15-25'  ○  ●  7 g, 3'  $55
Emerging foliage bronze-red, fading to chartreuse, then green. Repeated flushes of new growth throughout the summer offer the warm glow of the rising sun. N ☁️

Chionanthus virginicus Fringetree  
15-25'  ○  ●  3 g, 4'  $35
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 ☁️

Choisya x dewitteana 'Antec Pearl'
Mexican Orange  
4-6'  ○  ●  1 g, 1'  $25
Valued for its aromatic, evergreen foliage and fragrant white borne in late spring and sporadically through late summer and fall, Mexican Orange may be tender so plant in protected site. N ☁️

Clethra acuminata Mountain Pepperbush  
4-6'  ○  ●  3 g, 2-3'  $25
Rarely available, this Appalachia native is more upright than the species. Blue-black fruit in late summer, fragrant ivory flowers in late spring. N ☁️

Clethra alnifolia 'Compacta'
Summersweet  
2-3'  ○  ●  3 g, 1-2'  $25
Selected by Tom Dilatush from the New Jersey Pinebarrens, this dwarf plant is not as well known as the more recent introductions but may be even shorter than most. It produces numerous white, fragrant flowers in midsummer on a very compact plant. N ☁️

Clethra alnifolia 'Sixteen Candles'
Summersweet  
2-3'  ○  ●  3 g, 1-2'  $25
Selected by plantsman Michael Ditt for its more compact and larger ivory flower clusters than the immensely popular 'Hummingbird', though with the same fragrant flowers mid to late summer. N ☁️

Comptonia peregrina 'Sweetfern'
Sweetfern  
4-6'  ○  ●  1 g, 1'  $20
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 ☁️

Corylus alternifolia Papagia Dogwood  
15-25'  ○  ●  3 g, 3-4'  $35
A much-undercerated native shrub, with white flowers April-May, blue-black fruit in late summer (birds relish), and rich burgundy foliage in fall. Horizontal branching habit. N ☁️
**Corylopsis Winterhazel**

All winterhazels are notable for lemon-, chartreuse-, or primrose-yellow clusters of fragrant flowers that appear in late winter to early spring. One can experience spring twice by cutting branches to force inside.

**Corylopsis glabra**

**Fragrant Winterhazel**

- 8-10" 
- 3 gal, 1-2' 
- $45

Blue-green foliage; 1½-2 inch long chartreuse flowers.

**Corylopsis luzonica**

**Longwood Chinese Winterhazel**

- 10-12" 
- 3 gal, 3-4' 
- $45

Flowers larger, more pendulous and fragrant than straight species; appear two weeks later than species, avoiding earlier frosts.

**Corylopsis pauciflora**

Buttercup Winterhazel

- 4-6' 
- 3 gal, 4' 
- $45

Smallest of winterhazels; primrose-yellow flowers; bright green leaves with prominent bristle-tipped teeth.

**Corylopsis sinensis var. sinensis**

**‘Spring Purple’**

Willmott Winterhazel

- 6-12" 
- 3 gal, 1-2' 
- $25

Yellow flowers, new foliage emerges rich plum-purple, fades to green.

**Corylopsis spinata**

**Spice Winterhazel**

- 4-6' 
- 3 gal, 3-4' 
- $35

Sweedy scented, pale yellow flowers; wide-spreading, dense shrub.

**Corylopsis spinata**

**Golden Spring**

- 4-6' 
- 3 gal, 2-3' 
- $45

Yellow flowers late March/early April; leaves emerge canary-yellow, fade to green.

**Corylopsis Winterthur**

- 6-7' 
- 3 gal, 2-3' 
- $45

Selected at Winterthur Gardens; 1-½ inch long flower clusters; 15-20 feet wide.
Hypericum × attenuatum 'Bienville Gold'  
Foster's Holly  
15-20'  ○  2 g, 2-3'  $35

The small narrow foliage of Foster's holly is unlike typical holly leaves. Abundant golden yellow fruit attracts birds.

Hypericum × 'Canary' American Holly  
30-40'  ○  2 g, 3-4'  $20

The striking yellow fruit of this American holly cultivar will surely turn heads. The bright fruit against the very glossy, dark green foliage brightens the garden.

Hypericum × 'William Hawkins' American Holly  
6-15'  ○  2 g, 1'  $35

If you did not know this is an American holly, you would never guess by looking at it. The foliage is extremely narrow and slower than normal growth but produces stunning plants at maturity. After 15 years, the UDBG plant is seven feet tall.

Hypericum × 'Kleim's Hardy' American Holly  
3'  ○  1-2'  $30

Named for Benjamin Franklin, it's now extinct in the wild. Plants produce fragrant, 3-inch wide, magnolia-shaped white flowers in summer (sporadically into fall), which attract a variety of pollinators. Leaves turn shades of maroon to bright red in fall.

Hypericum × 'Canary' American Holly  
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Hypericum × 'Canary' American Holly  
30-40'  ○  2 g, 3-4'  $20

This locally selected, native American holly was discovered in the community of Arden in Northern Delaware. Compact growth compared to other cultivars.

Hypericum × 'Arden' American Holly  
30-40'  ○  2 g, 5'  $20

A main stay in inkberries due to the compact habit, ease of cultivation and dark green foliage. A female, with small black fruit slightly hidden by the evergreen leaves.

Hypericum × 'Canary' American Holly  
30-40'  ○  2 g, 3-4'  $20

The striking yellow fruit of this American holly cultivar will surely turn heads. The bright fruit against the very glossy, dark green foliage brightens the garden.

Hypericum × 'Canary' American Holly  
30-40'  ○  2 g, 3-4'  $20

The new foliage emerges with a purple flush before changing to green. In the fall, leaves transition from yellow to orange and eventually turn scarlet. The flowers are golden yellow and have a spicy fragrance February-March.

Hypericum × 'Arden' American Holly  
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Hypericum × 'William Hawkins' American Holly  
6-15'  ○  2 g, 1'  $35

If you did not know this is an American holly, you would never guess by looking at it. The foliage is extremely narrow and slower than normal growth but produces stunning plants at maturity. After 15 years, the UDBG plant is seven feet tall.

a holly is unlike typical holly leaves. Abundant golden yellow fruit attracts birds.

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### MAGNOLIAS

<table>
<thead>
<tr>
<th>Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size, Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Magnolia</strong></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>'Blushing Belle'</td>
<td>25</td>
<td>☮</td>
<td>☮</td>
<td>7 g, 2-3'</td>
<td>$45</td>
</tr>
<tr>
<td>Flowers deep pink outside/pastel pink inside; spring.</td>
<td></td>
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<tr>
<td>'Daybreak'</td>
<td>15-20</td>
<td>☮</td>
<td>☮</td>
<td>7 g, 5'</td>
<td>$95</td>
</tr>
<tr>
<td>Fragrant; 6-8 inch deep pink flowers; late April, early May.</td>
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<tr>
<td>'demudata 'Roger Lace'</td>
<td>25-35</td>
<td>☮</td>
<td>☮</td>
<td>5 g, 6-8'</td>
<td>$95</td>
</tr>
<tr>
<td>'Dyamond'</td>
<td>30-40</td>
<td>☮</td>
<td>☮</td>
<td>7 g, 3-5'</td>
<td>$75</td>
</tr>
<tr>
<td>Upright habit, evergreen foliage; magnificently fragrant, white summer flowers.</td>
<td></td>
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<tr>
<td>'Liliflora'</td>
<td>30-40</td>
<td>☮</td>
<td>☮</td>
<td>2 g, 3-4'</td>
<td>$35</td>
</tr>
<tr>
<td>Compact shrubby stature; slender; 4-6 inch, dark purple, goblet-shaped flowers late April.</td>
<td></td>
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<tr>
<td>'macrophylla' Bigleaf Magnolia</td>
<td>30-40</td>
<td>☮</td>
<td>☮</td>
<td>2 g, 1'</td>
<td>$25</td>
</tr>
<tr>
<td>Bold, tropical-looking, nearly 12-inch leaves; white flowers in spring; red fruit early fall.</td>
<td></td>
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<tr>
<td>'March til' Frost'</td>
<td>25</td>
<td>☮</td>
<td>☮</td>
<td>2 g, 3-4'</td>
<td>$35</td>
</tr>
<tr>
<td>Purple spring flowers with sporadic flowers all summer.</td>
<td></td>
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<tr>
<td>'pyramidalata' Pyramid Magnolia</td>
<td>10-20</td>
<td>☮</td>
<td>☮</td>
<td>3 g, 3'</td>
<td>$45</td>
</tr>
<tr>
<td>Rare; similar to Fraser magnolia; May bloom; 12-inch leaves; 6-inch white flowers; 3-5 inch erect fruit.</td>
<td></td>
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</tr>
<tr>
<td>'Sayonara'</td>
<td>15-20</td>
<td>☮</td>
<td>☮</td>
<td>7 g, 5-6'</td>
<td>$95</td>
</tr>
<tr>
<td>Fragrant; 12-inch, white-tinged-pink flowers; mid April; fast growing; upright, bushy habit.</td>
<td></td>
<td></td>
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<tr>
<td>'Sieboldii 'Colossus'</td>
<td>10-15</td>
<td>☮</td>
<td>☮</td>
<td>2 g, 5-6'</td>
<td>$35</td>
</tr>
<tr>
<td>Summer flowers up to 5 inches across; often semi-double or double; nodding, ivory-colored flowers with magenta stamens.</td>
<td></td>
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<tr>
<td>'Samburst'</td>
<td>20-30</td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2-3'</td>
<td>$45</td>
</tr>
<tr>
<td>Canary-yellow, 6-inch flowers; late April; flowers flush with new foliage.</td>
<td></td>
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<tr>
<td>'Vulcan'</td>
<td>15-25</td>
<td>☮</td>
<td>☮</td>
<td>2 g, 2-3'</td>
<td>$35</td>
</tr>
<tr>
<td>Ruby red, 6-8 inch, saucer-shaped flowers; early to mid April.</td>
<td></td>
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<tr>
<td>'Yellow Bird'</td>
<td>15-20</td>
<td>☮</td>
<td>☮</td>
<td>7 g, 4-5'</td>
<td>$65</td>
</tr>
<tr>
<td>Goblet-shaped, 3 inch yellow flowers emerge with new foliage.</td>
<td></td>
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</tr>
<tr>
<td>'virginiana' Sweetbay Magnolia</td>
<td>25</td>
<td>☮</td>
<td>☮</td>
<td>5 g, 4-5'</td>
<td>$65</td>
</tr>
<tr>
<td>Lemon-scented, chalice-shaped ivory flowers early summer; red fruit in fall.</td>
<td></td>
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<tr>
<td>'Mardi Gras' Sweetbay Magnolia</td>
<td>25</td>
<td>☮</td>
<td>☮</td>
<td>1 g, 1'</td>
<td>$35</td>
</tr>
<tr>
<td>Golden margins on dark green foliage; fragrant, ivory-colored flowers: June–July.</td>
<td></td>
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<tr>
<td><strong>Osmanthus</strong></td>
<td></td>
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<td></td>
<td></td>
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<tr>
<td>'Americanus'</td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2'</td>
<td>$30</td>
</tr>
<tr>
<td>Clusters of fragrant white flowers perfume the spring garden on this uncommon southeastern native shrub. Flowers followed by small dark blue fruit.</td>
<td></td>
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</tr>
<tr>
<td>'aureomarginatus'</td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2-3'</td>
<td>$35</td>
</tr>
<tr>
<td>This is a female selection that produces numerous blue fruit in the fall, effective into the spring. The foliage is very aromatic and mostly deciduous in this region. Plants can be pruned to the ground to reduce size and promote better fruit production.</td>
<td></td>
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<tr>
<td><strong>Osmanthus</strong></td>
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<td></td>
</tr>
<tr>
<td>'broadinermis' 'Woodman'</td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>2 g, 2-3'</td>
<td>$35</td>
</tr>
<tr>
<td>Yellow with touch of rose-purple flowers; blooms late, avoids frost damage.</td>
<td></td>
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</tr>
<tr>
<td>'zenti 'Pink Parchment'</td>
<td>20-25</td>
<td>☮</td>
<td>☮</td>
<td>2 g, 2-3'</td>
<td>$35</td>
</tr>
<tr>
<td>Fuchsia-colored petals on the outside, white on the inside; very early bloomer; extremely fragrant.</td>
<td></td>
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<td><strong>Myrica</strong></td>
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<td></td>
</tr>
<tr>
<td>'Pennsylvanica' 'Morton'</td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>2 g, 1-2'</td>
<td>$30</td>
</tr>
<tr>
<td>Heavenly Bambo</td>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td>'spp' Bayberry</td>
<td></td>
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</tr>
<tr>
<td>This is a female selection that produces numerous blue fruit in the fall, effective into the spring. The foliage is very aromatic and mostly deciduous in this region. Plants can be pruned to the ground to reduce size and promote better fruit production.</td>
<td></td>
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<tr>
<td><strong>Nandina</strong></td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>2 g, 1-2'</td>
<td>$30</td>
</tr>
<tr>
<td>Clusters of fragrant white flowers perfume the spring garden on this uncommon southeastern native shrub. Flowers followed by small dark blue fruit.</td>
<td></td>
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</tr>
<tr>
<td><strong>Osmanthus</strong></td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2'</td>
<td>$30</td>
</tr>
<tr>
<td>Clusters of fragrant white flowers perfume the spring garden on this uncommon southeastern native shrub. Flowers followed by small dark blue fruit.</td>
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</tr>
<tr>
<td><strong>Osmanthus</strong></td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2-3'</td>
<td>$35</td>
</tr>
<tr>
<td>This is the most hardy and popular of the osmanthus offering small white autumn flowers that are extraordinarily fragrant. 'Sasabu' is a slow growing compact form with finely divided foliage — beautiful to look at, painful to handle.</td>
<td></td>
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</tr>
<tr>
<td><strong>Osmanthus</strong></td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2'</td>
<td>$30</td>
</tr>
<tr>
<td>Clusters of fragrant white flowers perfume the spring garden on this uncommon southeastern native shrub. Flowers followed by small dark blue fruit.</td>
<td></td>
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</tr>
<tr>
<td>'Bayberry'</td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2-3'</td>
<td>$35</td>
</tr>
<tr>
<td>This is the most hardy and popular of the osmanthus species with pumpkin orange flowers occurring primarily in the fall. A fabulous container plant that can be enjoyed inside in the winter in a bright cool location or kept in a protected breezeway.</td>
<td></td>
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<tr>
<td><strong>Phyllanthus</strong></td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2-3'</td>
<td>$35</td>
</tr>
<tr>
<td>A new nighershark that offers burgundy foliage with red stems and pinkish white spring flowers, similar to Diablo™ but very compact habit, ideally suited to the smaller garden.</td>
<td></td>
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<tr>
<td><strong>Pieris</strong></td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2-3'</td>
<td>$30</td>
</tr>
<tr>
<td>Japanese Pieris</td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>3 g, 2-3'</td>
<td>$30</td>
</tr>
<tr>
<td>The compact size, deep pink flower buds, large white flowers, and bronze-apricot color leaves make this a real standout. Fastest growing of the P. japonica 'yak' types.</td>
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</tr>
<tr>
<td><strong>Prunus</strong></td>
<td></td>
<td>☮</td>
<td>☮</td>
<td>10 g, 6-8'</td>
<td>$95</td>
</tr>
<tr>
<td>'Okame' Flowering Cherry</td>
<td>15-25</td>
<td>☮</td>
<td>☮</td>
<td>10 g, 6-8'</td>
<td>$95</td>
</tr>
<tr>
<td>This early flowering cherry has received many awards for its deep carmine buds that open to lighter tinted flowers in early spring. Showy in fall with orange-red color, this small to medium-size tree makes it great for small landscapes.</td>
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</tbody>
</table>
Rhododendron periclymenoides

**Latin Name** | **Common Name** | **Mature Size** | **Light** | **Soil** | **Pot Size** | **Plant Size** | **Price**
---|---|---|---|---|---|---|---

Prunus laurocerasus 'Batumi Rubies' | Cherrylaurel | 8-12' | ☺ | ☀ | 3 g | 2-3' | $30
The narrow, dark, evergreen foliage and fragrant white erect clusters of spring flowers are the signature features of cherrylaurels. This selection has unique red fruit that ultimately matures black.

Prunus laurocerasus 'Parkway' | Cherrylaurel | 10-15' | ☺ | ☀ | 3 g | 2-3' | $20
The 6-10 inch long and extremely lustrous foliage reminiscent of Southern Magnolia. The bold foliage texture and fragrant white flowers added benefits.

Rhapidophyllum hystrix | Needle Palm | 2-4' | ☺ | ☀ | 3 g | 1-2' | $35
A truly hardy ornamental palm for the northern landscape. A fan-leaf palm of mounding habit, with evergreen fronds that emerge from a short stem just above the soil level. Impress your gardening friends with your exoticism.

Rhododendron arboreum 'Sweet Azalea' | Catawba Rhododendron | 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 in June and July. Red fall foliage. N

Rhododendron 'Kewee Sunset' | Azalea | 4-6' | ☺ | ☀ | 5 g | 1-2' | $45
A compact, naturally occurring hybrid between *R. calendulaceum* and *R. periclymenoides* resulting in soft pink flowers with a burst of yellow. Fall foliage is orange to red. N

Rhododendron catawbiense 'English Roseum' | Catawba Rhododendron | 4-6' | ☺ | ☀ | 3 g | 1-2' | $45
Tresses of light rose flowers occur in late spring on compact plants. Though evergreen, protect from strong winds. N

Rhododendron periclymenoides 'Pittsburgh Bloom' | Azalea | 4-6' | ☺ | ☀ | 5 g | 1-2' | $45
Pittsburghbloom azalea is the only native azalea you will find in southeastern PA. Pink buds typically open white but may hold some of the pink color. The fragrance is mild but delightful and the fall color can be orange to red. N

Rhododendron prinophyllum | Plamleaf Azalea | 8-10' | ☻ | ☀ | 5 g | 1-2' | $45
One of the showiest and rarer of our native azaleas, with clusters of salmon-red flowers in late summer/early fall. Bright green summer foliage turns orange red in fall. 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 very fragrant, typically white flowers that appear in May-June. The summer foliage has a distinctive bluish cast. N

Ribes copalitum 'Lamash's Purple' | Flameleaf Sumac | 10-15' | ☺ | ☀ | 3 g | 1-2' | $45
Flameleaf is appropriately named as the fall foliage bursts into brilliant scarlet in September and October. This selection offers rich burgundy foliage in the spring and early summer but fades to green. Great for difficult sites, slopes that are hard to maintain and works well as a screen. N

Ribes typhina 'Bailitiger' | Tiger Eyes® | 4-6' | ☺ | ☀ | 3 g | 1-2' | $45
Finely dissected foliage emerges bronze-yellow in the spring, turns bright yellow in early summer, changes to chartreuse in late summer, before igniting into orange-red fall color. Tiger Eyes is a female selection with fruit at the ends of branches. N

Rosa 'Radkopińk' | Double Pink 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, truly disease free, with large bright pink flower summer through fall, and best of all, are fragrant.

Salix integra 'Hakuro Nishiki' | Willow | 6-10' | ☺ | ☀ | 1 g | 1-2' | $25
Best grown as a cut back shrub to limit height and bring out the salmon pink new growth and white variegated foliage.

**Latin Name** | **Common Name** | **Mature Size** | **Light** | **Soil** | **Pot Size** | **Plant Size** | **Price**
---|---|---|---|---|---|---|---

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 orientalis | Oriental Sweetbox | 2-4' | ☦ | ☀ | 1 g | 6-12' | $20
The evergreen foliage and short stature of this plant make it great for foundations, groupings, and intermixing with deciduous plantings. The small white flowers in the late winter or early spring will likely go unnoticed if it were not for the sweet fragrance.

Sarcococca hookeriana var. humilis 'Sarsid1' | Fragrant Valley™ Sweetbox | 1' | ☦ | ☀ | 3 g | 1-2' | $35
This is a more vigorous, spreading groundcover than the typical variety, but still maintains the strongly fragrant, small white flowers that appear in late winter.

Schizophragma hydrangeoides | (Littleleaf Form) Japanese Hydrangea Vine | 10-20' | ☦ | ☀ | 3 g | 3' | $35
This plant is distinguished by its smaller juvenile growth. A noninvasive vine with medium green leaves that will grow up and attach itself to a rough surface. Clusters of creamy-white petaled flowers appear in June/July. (This plant is also sold as Schizophragma hydrangeoides 'Brookside Miniature' and Schizophragma hydrangeoides 'Brookside Littleleaf').

Spiraea betulifolia 'Tor' | Birch-leaved Spirea | 4' | ☦ | ☀ | 3 g | 1-2' | $30
Plants produce large 4 inch clusters of white flowers at the end of the wispy stems in late spring-early summer. Shiny green summer leaves turn yellow and bronze in the fall, extending the period of display well into the fall. N

Spiraea × bumalda 'Denistar' | Superstar™ Spirea | 2-3' | ☦ | ☀ | 3 g | 1-2' | $30
Plants are very compact and need no pruning. Leaves emerge scarlet and fade to fir green during the summer, an excellent contrast to the small, dark pink flowers produced all summer. Fall foliage is brilliant bronze. Great for group plantings.

Spiraea tomentosa 'Steeples' | 2-4' | ☦ | ☀ | 3 g | 1-2' | $20
A personal favorite of John Frett’s that he recalls seeing along streams on hikes in Maine. Broad, plume-shaped, pink flower clusters adorn the tips of the branches from July-September and are a late season treat for pollinators. N

Stachys lanipes | 'Matsuuki' Spiketall | 4-6' | ☦ | ☀ | 3 g | 2' | $35
Rarely seen or offered in the trade, this fountain-shaped shrub springs to life in early spring with pendulous clusters of stunning bronze-colored buds followed by chartreuse-colored flowers. Cat branches to bring inside to force.

Stewartia koreana | Korean Stewartia | 15-20' | ☦ | ☀ | 7 g | 6' | $5
A large stewartia with a mosaic of green-grey-orange-brown bark. The 2-2.5 inch flowers open in June and may continue into early July with leaves turning yellow, fiery red or reddish purple in autumn.

Stewartia monadelpha | Tall Stewartia | 20-25' | ☦ | ☀ | 3 g | 3' | $35
Exquisitely handsome red brown to cinnamon colored bark exfoliates in small strips. Smaller leaved than other stewartias, the foliage turns deep red to maroon in the fall. Flowers open in June, are 1-1.5 inches wide, and white with yellow stamens. N

Styrax americanus | American Snowbell | 6-8' | ☦ | ☀ | 3 g | 3' | $35
A rounded and adaptable shrub naturally found as an understory tree near streams but very seldom seen in gardens. Small, abundant white flowers produced in May and early June. N

Styrax obassia | Fragrant Snowbell | 20-30' | ☦ | ☀ | 3 g | 4' | $35
These are seedlings from a plant given to Rick Darke by Morris Arboretum Director Paul Meyer, from seeds he collected in South Korea, testing for superior hardiness in the species. They’ve survived unscathed in Landenberg for 20+ years, producing pendant white flowers in the spring followed by attractive fruit clusters in fall and bold, heart-shaped leaves that turn clear yellow in fall.
Sypcosis sinensis Chinese Fighazel

10-15’  ○  1 g, 1-2’ $25

A rare evergreen member of the witch hazel family. The medium- to large-sized shrub produces arching branches with small yellow flowers and red anthers that are surrounded by rich, dark-brown bracts in the early spring.

Trockobedron araloides Wheel-tree

8-15’  ○  1 g, 1’ $20

Evergreen shrub or small tree with spirally arranged, green leaves that give rise to the common name. Native to the mountains of Japan, South Korea, and Taiwan, this is the sole living species in the genus Trockobedron.

Vaccinium angustifolium Lowbush Blueberry

1-2’  ○  1 g, 1-2’ $20

The low growth habit makes this an ideal plant for use as a groundcover. Numerous white flowers in spring are followed by small, edible blueberries midsummer. Orange, red and burgundy leaves in fall provide a spectacular display.

Vaccinium corymbosum ‘Sunshine Blue’ Highbush Blueberry

4-6’  ○  3 g, 2-3’ $35

The cultivar name is derived from the distinctive blue cast of the foliage from spring through fall. Pink flowers in spring mature into delicious edible blueberries from late July through August. Fall foliage a rich red.

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 in fall lovely contrast to the pinkish-purple foliage.

Viburnum macrophyllum Korean Viburnum

8-15’  ○  3 g, 1’ $25

Evergreen foliage stays enough to appear polished. White flowers followed by red fruit. A USDA plant in a protected courtyard has prospered for 9 years with no damage.

Viburnum dentatum Arrowwood Viburnum

8-10’  ○  3 g, 1-2’ $25

A common understory tree in our local woodlands that produces white flowers May-June. Pollinators attracted to the creamy-white flowers and numerous species of wildlife drawn to the blue-black fruit in fall.

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 give rise to abundant bright red fruit that persist through the winter, while the fall foliage is 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 burgundy-maron. Winter habit distinctly horizontal.

Viburnum plicatum var. tomentosum ‘Summer Snowflake’ Doublefile Viburnum

6-15’  ○  3 g, 3’ $35

A more compact habit compared to other cultivars makes this plant more adaptable to residential landscapes. White flower clusters line the branches in spring and continue into the summer and fall. Red fruit food for birds.

Viburnum prunifolium Service Viburnum

4-6’  ○  1 g, 2’ $25

The very clean, evergreen foliage is the star of this show; emerging with a bronze cast, and soon turning green for the rest of the year. Creamy white flowers appear in April. An outstanding plant for winter display in foundation plantings.

Viburnum prunifolium Blackhaw Viburnum

15-20’  ○  3 g, 2-3’ $25

Common in open fields and woodlands alike, 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. The fall foliage red to burgundy.

Viburnum × rhytidophylloides ‘Dart’s Duke’ Service Viburnum

8-10’  ○  1 g, 1-2’ $25

Superior selection because of the extra large, deep, rich green foliage, massive, 6-10 inch creamy white flowers in May, and heavy set of red fruit in late summer. Semi evergreen. PHS Gold Medal plant award winner.

Vitis aestivalis ‘Joe Patti’ Vitis

4-9’  ○  3 g, 1-2’ $35

Blue-violet, 12-18 inch long flowers are produced throughout much of the summer. Very heat and drought tolerant.

Weigela subensis ‘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 floribunda ‘Amethyst Falls’

Wisteria Vine

3 g, 2-3’ $35

Our native wisteria, with 4-6 inch racemes bearing lavender purple flowers in May. Much more diminutive than its Asian counterpart.

Zenosia pulverulenta ‘Woodlander’s Blue’ Dusty Zoenia

2-3’  ○  3 g, 1-2’ $35

Belonging to the Heath family, with pendant, white, bell-shaped flowers in the spring. Semi-evergreen, distinct blue-grey foliage turns pumpkin orange in fall.

Asclepias incarnata Swamp Milkweed

Echinacea purpurea ‘Tiki Torch’

PERENNIALS

Actaea pachypoda ‘Misty Blue’
White Baneberry

2-3’  ○  1 g $14

Discovered at the Mt. Cuba Center, the reason to grow this cultivar is for its multi-seasonal interest—white spring flowers followed by six weeks of the signature black eye doll’s eye fruit set off by red stalks in autumn; and of course the fact that deer don’t bother.

Appalachian ‘Elaine’ Lily of the Nile

36’  ○  1 g $22

Native to South Africa, anyone who has seen ‘Elaine’ in flower is immediately drawn to its beauty. Three feet long leaves are topped in midsummer with 8 inch wide, very dark violet-blue pompom flowers. Best grown in container and moved outdoors after last frost and inside before first frost, though can briefly withstand temperatures into the 30s. Indoors keep in cool, well lit area.

Astrosermeria ‘Tangerine Tango’ Inca Lily

30’  ○  1 g $12

New from Cornell University with vibrant tangerine, yellow-throated flowers that blanket stems spring through fall, enticing the hummingbirds. Great as a long-lasting cut flower. Winter hardy, drought-tolerant and good drainage required.

Amsonia tabernaemontana var. salicifolia
Eastern Blue Star

18-24’  ○  1 qt $9

Durable and drought tolerant perennial, with soft, willow-like foliage topped by cerulean blue flowers in spring and pumpkin-colored in the fall.

Agapanthus africanus ‘Columbine’

10-12’  ○  1 qt $7

Northeast wildflower with drooping, bell-shaped, red and yellow flowers in spring. Foliage usually declines by mid-summer and can be cut to ground.

Ampelopsis incana ‘Swamp Milkweed’

5-5’  ○  1 qt $8


Aster macrophyllus ‘White Swan’

Aster

2-4’  ○  1 g $12

(Syn. Eurybia macrophylla ) Striking, richly textured foliage that is dense and large enough to be used as a groundcover. Violet to pale blue flowers August-September.

Baptisia ‘Solar Flare’

Prairieblues™ False Indigo

3-4’  ○  1 g $14

Striking new introduction developed by Dr. Jim Ault at Chicago Botanic Garden, selected for its low stature and lemon yellow blooms that fade to orange and last 2-3 weeks. Drought tolerant once established and long-lived, baptisias don’t like to be moved once planted.

Baptisia × eurychlor ‘Butterfly’

Prairieblues™ False Indigo

3-5’  ○  1 g $14

Late spring heralds long, densely-packed panicles of true bicolor flowers of deep violet-purple with lemon-yellow keels in late spring. A handsome, vigorous, butterfly-attracting hybrid from Dr. Jim Ault at Chicago Botanic Gardens.

Belltrilla yokohama ‘Kate’ ‘Terrestrial Orchid’

1’  ○  1 qt $10

Slowly spreading, sword shaped leaves provide backdrop for 3-4 foot spikes of 2-inch lavender-rose, purple streaked flowers starting in early June. There may be as many as 36 flowers per spike. Diminutive plant that makes huge impression and hardy to boot!

Carex flacca ‘Blue Zinger’ Glaucous Sedge

6’  ○  1 g $9

Beautifully narrow, wispy blue-green leaves on a groundcover that has many uses in the garden. A very sturdy evergreen plant that can withstand sun or shade, salt spray, running over with tires, yet maintains a thoroughly unperturbed look.
Dicentra—scrambling through a shrub, or an arbor. Clearly one of the most sought after, exquisite vines ever introduced, with cobalt blue flowers open over an extended period of time on multiple flower stems. This connoisseurs’ plant blends with just about everything in combination with blue, purple, red flowered plants. Eryngium—feed on the cones during winter so don’t cut back. Latex——thrive in sun-drained soil essential; deer resistance; and good cut flower round out its attributes. Graceful, slow growing, bamboo-like foliage with green blades with yellow margins. Impeccable and beautiful, low maintenance, back of the border plant with 2-inch bright yellow flowers stretching over 3 solid months, giving the butterflies an ample food source and gardeners’ visual pleasure. Helianthus—Lemon Queen’ Perennial Sunflower A bold and beautiful, low maintenance, back of the border plant with 2-inch bright yellow flowers stretching over 3 solid months, giving the butterflies an ample food source and gardeners’ visual pleasure. N

<table>
<thead>
<tr>
<th>Latin Name</th>
<th>Common Name</th>
<th>Mature Size</th>
<th>Light</th>
<th>Soil</th>
<th>Pot Size</th>
<th>Plant Size</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>C. integrifolia</td>
<td>C. durandii</td>
<td>2-4'</td>
<td>□□□□</td>
<td>□□□□</td>
<td>1 g</td>
<td>$14</td>
<td>A semi-herbaceous climber prized for its hyacinth-like, rich blue flowers that appear in August-September, followed by attractive fluffy seedheads. Black walnut and deer tolerant.</td>
</tr>
<tr>
<td>C. ‘Boo구치’</td>
<td>6'</td>
<td>□□□□</td>
<td>3 g, 2'</td>
<td>$35</td>
<td>Clearly one of the most sought after, exquisite vines ever introduced, with cobalt blue, 2 inch, bell-shaped flowers produced summer into the fall. A hybrid of C. integrifolia and C. durandii, this plant has a sprawling habit and grows well on a trellis, scrambling through a shrub, or an arbor.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Dicentra extima**—Bleeding Heart
12-18’ | □□□□ | 1 qt | $7 | Attractive grey-green, miniature mounds of dense foliage provide long-season interest. In May and June, rows of heart-shaped pink flowers dangle above the fern-like foliage. Drought-tolerant, deer resistant, hummingbirds love. E

**Disporum sessile**—Variegatum Fairy Bells
12’ | □□□□ | 1 qt | $14 | Choice woodland, stoloniferous plant with variegated leaves that will brighten shady areas. The source for our plants is artist and garden designer extraordinaire Melissa Lafferty who loves the plant though cautions about its roaming nature. D

**Dryopteris affinis**—Autumn Blunettes
1’ | □□□□ | 1 qt | $12 | Evergreen, vase-shaped fern with copper-colored new growth; sends up new fronds until fall. The shiny leathery fronds form the backbone of any fern collection. E

**Echinacea purpurea**—‘Big Torch’ Coneflower
32-36’ | □□□□ | 1 qt | $10 | Vivid, dark orange petals with dark amber ‘cone’ provides stunning contrast. Goldfinch feed on the cones during winter so don’t cut back. N

**Eryngium yabei**—Big Blue Sea Holly
2.5-3’ | □□□□ | 1 qt | $9 | Finally, a sea holly we can grow like the British. Iridescent blue flowers in June provide striking contrast to silver foliage and impart bold architectural element to garden. Well-drained soil essential; deer resistance; and good cut flower round out its attributes. D

**Euphorbia myrsinites**—Donkeytail Spurge
6’ | □□□□ | 1 qt | $9 | Silvery blue, waxy, evergreen leaves densely spiral around the meandering stems; lovely spilling over a wall or at front of border. In spring, chartreuse bracts appear. Splendid in combination with blue, purple, red flowered plants. E

**Geranium ‘Gerwat’ Rozanne® Cranesbill**
12’ | □□□□ | 1 qt | $7 | Violet-blue flowers with white centers and purple veins put on a non-stop show late spring through summer. Deep-cut foliage; low maintenance; pollinators love it. E

**Geranium maculatum**—Espresso’ Wild Cranesbill
12-24’ | □□□□ | 1 qt | $14 | One of the easiest woodland wildflowers to grow, with lavender flowers blooming 6-7 weeks, starting in May. Chocolate colored leaves striking. Nectar source for small butterflies and skippers. Self sows when happy. N

**Gladiolus ‘Boone’ Sword Lily**
5’ | □□□□ | 1 qt | $9 | Unusual, remarkably hardy heirloom cultivar. Small jewel-like, soft pastel apricot flowers open over an extended period of time on multiple flower stems. This connoisseurs’ plant blends with just about everything. E

**Hakonechloa macra**—‘Sunny Delight’
Japanese Forest Grass
1-1.5’ | □□□□ | 1 qt | $12 | Graceful, slow growing, bamboo-like foliage with green blades with yellow margins. Use to illuminate the border, mass with other shade denizens, soften a container, or impart an Asian flare. E

**Helianthus ‘Lemon Queen’**
Perennial Sunflower
6-8’ | □□□□ | 1 qt | $10 | A bold and beautiful, low maintenance, back of the border plant with 2-inch bright yellow flowers stretching over 3 solid months, giving the butterflies an ample food source and gardeners’ visual pleasure. N

**Helleborus‘ Golden Lotus’ Lenten Rose**
1-1.5’ | □□□□ | 1 qt | $16 | Double yellow blooms — a rarity in the hellebore world — will make your late winter garden glow. Like all hellebores, this selection is deer resistant. E

**Helleborus Onyx Odyssey’ Lenten Rose**
1-1.5’ | □□□□ | 1 qt | $16 | Double, black-purple flowers provide a show-stopping spectacle in winter. Evergreen, glossy leathery foliage that deer won’t touch. E

**Heuchera ‘Blackout’ Coral Bells**
6-10” | □□ □,  | 1 g | $10 | Blacker than ‘Obsidian’! Shiny jet black foliage with rounded lobes offers a stunning contrast for creamy white flowers that arise in June. E

**Heuchera’ Miracle’ Alum Root**
12-18” | □□ □,  | 1 g | $10 | Emerging foliage is a chartreuse-gold which later develops red reining, eventually turning a deep rich red with a yellow margin. Some may enjoy the pink flowers but it’s the foliage that’s stunning. D

**Iris cristata**—Dwarf Crested Iris
6” | □□ □ | 1 g | $9 | Wonderful little native that spreads readily and is drought tolerant once established. Lovely purple-lavender flowers in spring. N

**Iris tectorum**—‘Alba’ White Roof Iris
12-18” | □□ □,  | 1 g | $7 | A seldom seen white cultivar deserving of more fanfare because of superb attributes: Fans of narrow, lance-shaped, arching leaves; pure white flowers; tough. E

**Lonicer a sempervivens**—‘Major Wheeler’
Trumpet Honeysuckle
6-8’ | □□ □,  | 1 g | $9 | This trumpet honeysuckle vine puts on a fabulous hummingbird display, with tubular, red-orange flowers from late spring through the end of summer. A fast grower for use on pergolas, trellises, arbors, tunnels. N

**Matteucia struthiopteris**—Ostrich Fern
3-5’ | □□ □,  | 1 g | $12 | Stately when planted in masses as or as a focal point, this clump-forming, upright arching, deciduous fern combines well with astilbes, hostas, and heucheras, and is perfect with spring wildflowers which go dormant as ostrich fern fronds reach skyward. N

**Nasella tenuissima**—Silky Thread Grass
1’ | □□ □,  | 1 g | $7 | Gracefully wispy ornamental grass forming fountain-like clumps. Brittle flower clusters arise in spring and turn golden brown with age. E

**Ophiopogon planiscapus**—Nigescens
Black Mondo Grass
6” | □□ □,  | 1 g | $14 | Striking form of mondo grass, with nearly black-purple foliage and lilac-colored flowers followed by black-blue fruit. Slow to start, slow to propagate, though tough and hardy and stunning in every way. E

**Osmunda cinnamomea**—Cinnamon Fern
2-5’ | □□ □,  | 1 g | $12 | Cinnamon-colored fertile fronds stand stiffly erect at the center of each crown, imparting a stately appearance. Will grow in ordinary soil but achieves pure perfection in form and size in sun and boggy ground. N

**Penstem on barbatus**—sp. coecinens
Bearded Penstemon
12-18” | □□ □,  | 1 g | $10 | Mid spring brings on tubular scarlet flowers that continue into late summer, attracting bees, butterflies, and hummingbirds. Easy to grow though good drainage a must. N

**Phlox divaricata**—Blue Moon
Woodland Phlox
12’ | □□ □,  | 1 g | $9 | New England Wildflower Society introduction with fragrant, deep violet-blue flowers late spring. Petals overlap, thereby displaying greater ‘flower power.’ Excellent choice for the shade combined with spring bulbs. N

**Phlox divaricata**—‘May Breeze’
Woodland Phlox
12-15’ | □□ □,  | 1 g | $7 | Same qualities as above except the plant is covered with clouds of fragrant, light blue to white, starry-shaped flowers in spring. N
**Phlox paniculata** 'Blue Paradise'
- **Latin Name**: Phlox paniculata
- **Common Name**: Summer Phlox
- **Recommended for**: Spring bloom/Long bloom/Border plant
- **Height**: 2'-4'
- **Light Requirement**: Full sun
- **Soil Requirement**: Average
- **Flower Color**: Purple
- **Price**: $9

Your garden will be a whirl of activity July through September, as butterflies, birds (especially hummingbirds) are drawn to the deep, violet-blue flowers.

**Phlox subulata** 'Sherwood Purple'
- **Latin Name**: Phlox subulata
- **Common Name**: Creeping Phlox
- **Recommended for**: Spring bloom
- **Height**: 6'
- **Light Requirement**: Full sun
- **Soil Requirement**: Average
- **Flower Color**: Purple
- **Price**: $9

Soft, lilac-purple flowers grace this low matted groundcover in the spring. Drought tolerant once established and plants foliage can be mown after blooming.

**Polygonatum odoratum** 'Variegatum'
- **Latin Name**: Polygonatum odoratum
- **Common Name**: Variegated Solomon's Seal
- **Recommended for**: June bloom
- **Height**: 20'
- **Light Requirement**: Partial shade
- **Soil Requirement**: Average
- **Flower Color**: Green
- **Price**: $12

Low maintenance creeping shade perennial grown mostly for the beautiful creamy-white edge green foliage. In May, delicate bell-shaped white flowers dangle beneath the gracefully arching stems. Great foil for other woodland denizens.

**Polystichum versicilloides** Christmas Fern
- **Latin Name**: Polystichum versicilloides
- **Common Name**: Christmas Fern
- **Recommended for**: Fall bloom
- **Height**: 1-2'
- **Light Requirement**: Partial shade
- **Soil Requirement**: Average
- **Flower Color**: Green
- **Price**: $12

A vigorous grower with bottlebrush spikes of creamy white flowers in spring that rise from spring until fall with 15 inch tall sprays of tiny mauve-lavender flowers. Diminutive and highlighted by a pattern of silver veins and topped from spring until fall with 15 inch tall sprays of tiny mauve-lavender flowers.

**Rudbeckia maxima** Giant Coneflower
- **Latin Name**: Rudbeckia maxima
- **Common Name**: Giant Coneflower
- **Recommended for**: Summer bloom
- **Height**: 1-2'
- **Light Requirement**: Full sun
- **Soil Requirement**: Average
- **Flower Color**: Yellow
- **Price**: $9

In midsummer, blue-gray basal leaves up to 1 foot long and towering 6-7 feet tall spikes of yellow rays punctuated by a tall brown cone enliven your garden and create a strong vertical statement. Goldfinch love.

**Sarcococca hookeriana** var. **odora**
- **Latin Name**: Sarcococca hookeriana var. odora
- **Common Name**: Lady's Tresses Orchid
- **Recommended for**: Summer bloom
- **Height**: 1-1.5'
- **Light Requirement**: Partial shade
- **Soil Requirement**: Average
- **Flower Color**: White
- **Price**: $12

An unusual, hard-to-find, shade-loving ginger relative with showy-white flowers from May to September. Attractive, large, fuzzy, heart-shaped leaves.

**Spigelia marilandica** Indian Pink
- **Latin Name**: Spigelia marilandica
- **Common Name**: Spigelia marilandica
- **Recommended for**: Summer bloom
- **Height**: 1-2'
- **Light Requirement**: Full sun
- **Soil Requirement**: Average
- **Flower Color**: Pink
- **Price**: $9

Bright, scarlet red flowers with pale yellow throats are a hummingbird magnet. Flowers profusely in the early summer and sporadically thereafter.

**Spiranthes cernua** var. odora
- **Latin Name**: Spiranthes cernua var. odora
- **Common Name**: Ladies Tresses Orchid
- **Recommended for**: Spring bloom
- **Height**: 1-2'
- **Light Requirement**: Partial shade
- **Soil Requirement**: Average
- **Flower Color**: Pink
- **Price**: $10

Late summer herals 6-inch tall stalks with spiraling rows of fragrant, delicate white blooms, set against silvery-green foliage. Native to marshes, wet meadows, and bogs, this orchid is perfect for the always moist, wet site.

**Thalictrum icangse** 'Evening Star'
- **Latin Name**: Thalictrum icangse
- **Common Name**: Meadow Rue
- **Recommended for**: Summer bloom
- **Height**: 15'
- **Light Requirement**: Full sun
- **Soil Requirement**: Average
- **Flower Color**: White
- **Price**: $10

Choice woodland specimen with quarter-size, copper/olive/tan flowers leaves, each highlighted by a pattern of silver veins and topped from spring with 15 inch tall sprays of tiny mauve-lavender flowers. Duminent and Epimedium look-alike.

**Thermopsis chinesis** 'Sophia' Pea Bush
- **Latin Name**: Thermopsis chinesis
- **Common Name**: Compact and drought-tolerant with handsome blue-green, pea-like foliage. Canary-yellow spires of lupine-like flowers in early spring. Impressive plant for the wild garden; attract bees and butterflies.

**Tiarella** 'Brandywine' Foamflower
- **Latin Name**: Tiarella 'Brandywine'
- **Common Name**: Foamflower
- **Recommended for**: Summer bloom
- **Height**: 10'
- **Light Requirement**: Partial shade
- **Soil Requirement**: Average
- **Flower Color**: White
- **Price**: $10

A vigorous grower with bottlebrush spikes of creamy white flowers in spring that rise above glossy green leaves with subtle etchings ofburgundy.

**Tiarella cordifolia** 'Running Tapestry'
- **Latin Name**: Tiarella cordifolia
- **Common Name**: Running Tapestry
- **Recommended for**: Full sun/Part shade
- **Height**: 12-15'
- **Light Requirement**: Partial shade
- **Soil Requirement**: Average
- **Flower Color**: White
- **Price**: $7

Discovered by regional nurseryman Jim Plyler, this groundcover is perfect for the always moist, wet site. This terrestrial orchid is perfect for the always moist, wet site.

**Vernonia angustifolia** 'Plum Peachy'
- **Latin Name**: Vernonia angustifolia
- **Common Name**: Narrowleaf Ironweed
- **Recommended for**: Summer bloom
- **Height**: 4-5'
- **Light Requirement**: Full sun
- **Soil Requirement**: Average
- **Flower Color**: Purple
- **Price**: $9

Though endangered in both Pennsylvania and New Jersey, this wildflower is a breeze to grow in the garden. Perfect for meadow plantings or massed at the back of a border. Resistant to insects. In midsummer, dark, leathery, evergreen fronds, drought tolerance, excellent groundcover, easy to grow, winter interest, and perfect foil or foreground to ephemerals make this part of the essential backbone in every garden.

**Viola walteri** 'Silver Gem'
- **Latin Name**: Viola walteri
- **Common Name**: Prostrate Blue Violet
- **Recommended for**: Partial shade
- **Height**: 3-5'
- **Light Requirement**: Partial shade
- **Soil Requirement**: Average
- **Flower Color**: Purple
- **Price**: $7

Selected by Mt. Gaba Center for its striking silvery-colored, heart-shaped leaves with contrasting green veins. Adding to its appeal, the undersides of the leaves vary from pale purple-green to burgundy. Drought tolerant once established. Fertilizer caterpillar food source.
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.

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Photo: Melinda Zoehrer

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