

# TREES TOUR AT PASTORIUS PARK ARBORETUM

## 1 Star Magnolia *Magnolia stellata*

The star magnolia (*Magnolia stellata*) is a small magnolia, often multi-trunked and seldom attaining more than 20 ft. in height. Its starlike flowers, usually white or pink, bloom in April. Each star magnolia flower has 12 to 18 petals.

## 2 European Beech *Fagus sylvatica*

The European beech is distinguished by glossy, dark green foliage and smooth, tight, light gray bark.

## 3 Red Maple *Acer rubrum*

The red maple displays red in all seasons. In winter its buds give its crown a pinkish tinge. In spring, its scarlet flowers bloom before leaves unfold. Its summer leaves retain reddish stems. Its fall foliage ranges from scarlet to orange to pure yellow.

## 4 Saucer Magnolia *Magnolia × soulangeana*

The saucer magnolia is a small, hardy tree growing up to 40 ft. tall. Its cup-shaped flowers, ranging in color from white to pink to purple-red, bloom in April. Typically, they are pale pink outside with a darker blush toward the base.

## 5 American Sycamore *Platanus occidentalis*

The American sycamore's upper branches, with their almost white bark, stand out in contrast to the darker limbs of most other trees. Its outer bark cannot stretch, so it peels off in thin plates as the tree grows. While a sycamore ages, its lower trunk changes to a scaly dark brown.

## 6 American Chestnut *Castanea dentata*

American Chestnut trees were once dominant in eastern North American forests before being decimated by the chestnut blight fungus. Once valued for their rot-resistant wood and abundant nuts.

## 7 Eastern Redbud *Cercis canadensis*

The Eastern redbud's time is April, when it flaunts its purplish-pink blossoms, outlining every branch and twig and even punctuating its trunk with small bouquets. The rest of the year it goes unnoticed because it is a small, shade-tolerant, understory species overshadowed in its forest habitat by larger trees.

## 8 Katsura-tree *Cercidiphyllum*

In Japan and China, the katsura-tree achieves a girth and height greater than any other Asian deciduous tree. The Andorra Nursery was an early grower of the katsura-tree, listing it in its 1901 catalogue.

## 9 False Cypress *Chamaecyparis pisifera*

In the cypress family, trees of the *Chamaecyparis* genus such as the *C. pisifera* trees in Pastorius Park are called false cypresses, distinguishing them from trees of other cypress genera. They make good hedges and screens.

## 10 Franklinia *Franklinia alatamaha*

Franklinia trees are extinct in the wild and are only found in cultivation. They were discovered in the late 18th century by botanists John and William Bartram along the Altamaha River in Georgia.

## 11 Eastern Hemlock *Tsuga canadensis*

Pennsylvania's state tree, the Eastern hemlock grows slowly but will eventually crowd out many trees around it. Fifty years ago many Eastern hemlock stands were destroyed by woolly adelgid.

## 12 Eastern White Pine *Pinus strobus*

Monarch of Northeast aboriginal forests, the Eastern white pine covered large portions of Pennsylvania. Trees 150 ft. tall were common. Many were cut to become masts of British naval vessels. A good tree was worth a small fortune.

## 13 Honey Locust *Gleditsia triacanthos*

A honey locust may have large, sharp spines growing in irregular clumps on its trunk. A common street tree in Philadelphia, a honeylocust's male and female flowers occur on separate trees in early May. On female trees seed pods mature by autumn.

## 14 Sweetgum *Liquidambar styraciflua*

In winter sweetgum trees litter the ground with their brown seed balls. Composed of many seed capsules, these spiky spheres are empty in winter. All their tiny winged seeds are shaken out by the wind.

## 15 Tulip Tree *Liriodendron tulipifera*

The tuliptree is the monarch of the magnolia family. It can attain a height of over 150 ft. with a straight trunk 8 to 10 ft. in diameter. Giants like these may also be found growing in the Wissahickon Valley Park.

## 16 Silver Maple *Acer saccharinum*

The silver maple has deeply notched leaves. It was once widely planted along streets. As the tree ages, it often proves to be weak-wooded. The silver maple flowers early in spring. Its oblong samaras with papery veins mature in May.

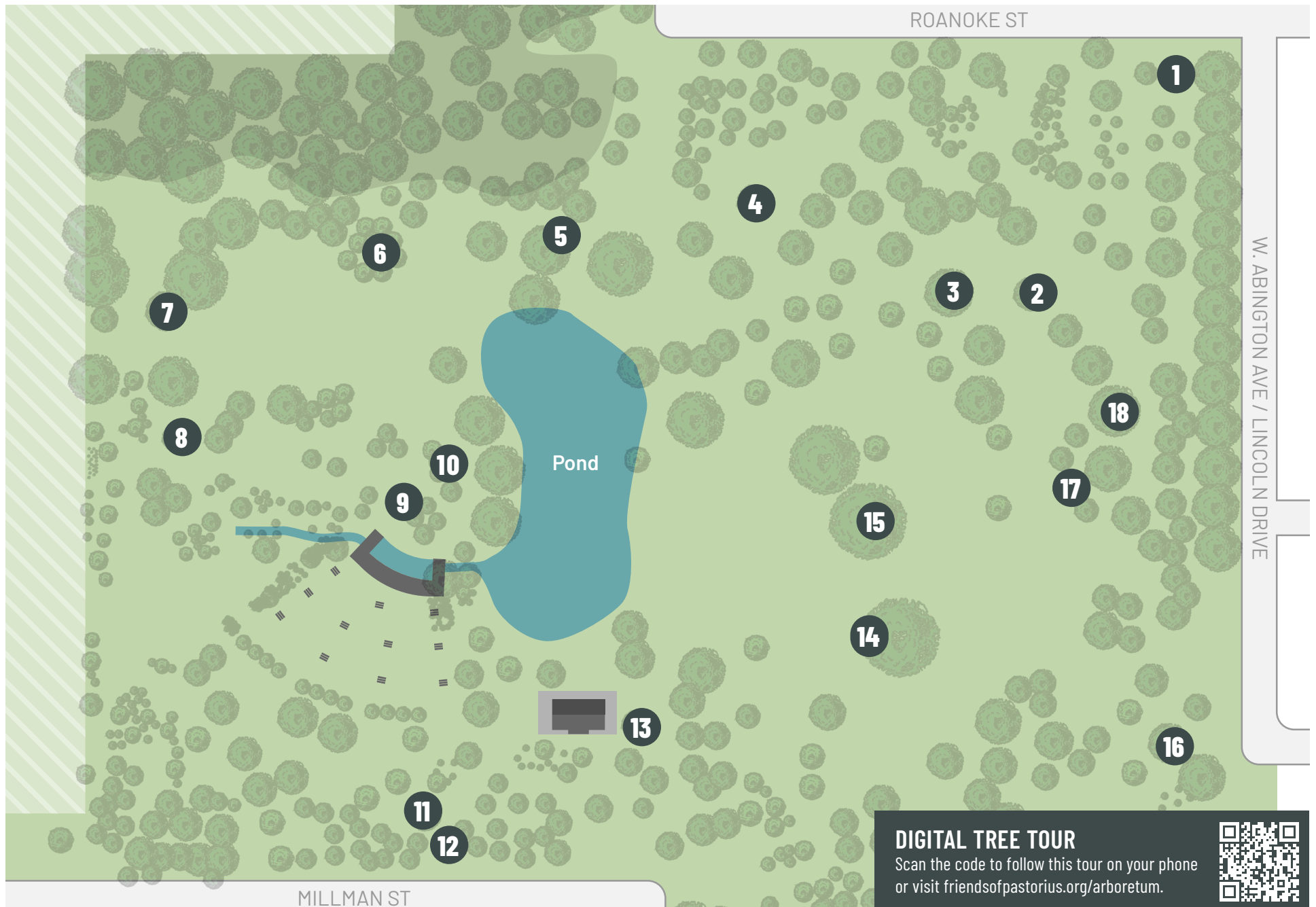
## 17 Kousa Dogwood *Cornus kousa*

The kousa dogwood is an Asian cousin of the native flowering dogwood. The kousa dogwood's bracts have pointed tips instead of the broad, notched tips of the flowering dogwood.

## 18 London Planetree *Platanus × acerifolia*

London Planetrees are hybrid trees resulting from the crossbreeding of American Sycamore and Oriental Plane trees. Commonly planted in urban areas due to their tolerance to pollution and ability to help improve air quality.

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