

# Trees of Wilcox Park

Wilcox Park holds a large variety of tree species. The following is a guide of information on the trees contained within the park. In addition the Rhode Island Tree Council maintains a list of the largest trees called the RI Register of Big Trees. These are trees that, due to height, average crown spread and trunk circumference, are the largest of their species in RI. Wilcox Park has seven Champions and a number of runners up. Westerly ranks 4th in the number of Champion trees, all of which are in Wilcox Park. \*An asterisk indicates a RI Champion Tree

## **European Weeping Beech** | *Fagus sylvatica* 'pendula'

Native to Europe, Monoecious, Deciduous, Leaves elliptical, small teeth, Bud are spearlike, Prickly bur contains 2 beechnuts, Bark is smooth, silver in color



## **Gray Birch** | *Betula populifolia*

Native to N. America, Monoecious, Deciduous, Leaves triangular in shape and saw-toothed, Male catkins are long and thin, Female catkins are stouter, Winged seeds, Non-exfoliating bark



## **\*Oriental Spruce** | *Picea orientalis*

Native to the Caucasus and Asia Minor, Monoecious, Evergreen Conifer, Pyramidal structure, Leaves are shortest of any species, small male cones are red, and females cones are red-purple then turn brown, Bark is ridged and furrowed



# Trees of Wilcox Park continued

## **Nordmann Fir** | *Abies nordmanniana*

Native to the Caucasus and Asia Minor, Monoecious, Evergreen Conifer, Flat needles with 2 white bands on underside called stomata--openings that permit gas exchange, Female cones sit upright on branches, Bark in broken plates



## **\*Swiss Stone Pine** | *Pinus cembra*

Native to Central Europe and Southeast Asia, Monoecious, Evergreen Conifer, 5 needles per tuft  
The female cones mature and turn brown the 2nd year. The average female cone yields 150 edible pine nuts, Bark is flat, scaly, and grey-brown



## **Black Walnut** | *Juglans nigra*

Native to Eastern United States, Monoecious, Deciduous, Compound leaves 9-23 leaflets  
Male flowers are drooping catkins, Female flowers grouped 2-5 on short spikes, Walnuts encased in a thick green husk, Deeply fissured bark is in a diamond pattern



## **\*Tiger Eye Pine** | *Pinus wallichiana*

Native to the Himalayas, Monoecious Evergreen Conifer, 5 needles per tuft, Striated gold bands across the needles, Male cones on low branches, Mature female cones are pendulous, Fissured brown bark



# Trees of Wilcox Park continued

## **Dawn Redwood** | *Metasequoia glyptostroboides*

Native to China, Monoecious, Deciduous Conifer, Fast-growing, Small bright green, feathery needles turn darker in summer, and russet in fall, Male flowers in clusters, Female round cones ½ inch  
Bark is orange-brown and rough, peeling into long strips



## **\*Japanese Snowbell** | *Styrax japonicus*

Native to China and Japan, Monoecious, Deciduous, Simple leaves in alternate arrangement, Mildly fragrant flowers, Grey-green drupes (fruit containing a stone-encased seed) are hard and felt covered.  
Bark is smooth grey-brown becoming orange brown



## **Royal Paulownia** | *Paulownia tomentosa*

Native to China, Monoecious, Deciduous, Large, dark green, heart-shaped leaves, Purple funnel-shaped flowers, One seed pod contains up to 2000 small winged seeds, Bark is thin, grayish-brown with fissures.



## **Blue Atlas Cedar** | *Cedras atlantica 'Glauca'*

Native to Northwest Africa, Monoecious, Evergreen, Silver-blue needles are in a rosette pattern, Male cones are on the lower branches, Female cones are larger, Bark is dark brown or grey, fissured, and aromatic



# Trees of Wilcox Park continued

## **American Holly** | *Ilex opaca*

Native to eastern and southeastern North America, Dioecious, Evergreen, Leaves have sharp spines, Male flowers in clusters of 3 or more on a stalk, Female flowers one on a single stalk and produce red berries, Bark is light grey and smooth



## **Japanese Yew** | *Taxus cuspidata*

Native to Japan and NE China, Dioecious, Evergreen, Needle-like leaves are flattened, Male flowers are borne on the underside of needle-like leaves and are brown, The female seed is hidden inside of a red aril (fleshy seed covering), Bark is thin, red-dish-brown, and scaly



## **Paper Birch** | *Betula papyrifera*

Native to North America, Monoecious, Deciduous, Leaves triangular and saw-toothed, Male flowers are dangling catkins, The female flowers are stouter and produce winged seeds, Bark is white, thin, and exfoliates in curling strips



## **\*Green Ash** | *Fraxinus pennsylvanica*

Native to North America, Dioecious, Deciduous, Pinnate compound leaves with 5 to 9 leaflets, Purplish male and female flowers, Fertilized female flowers are samaras (winged seeds), Diamond ridged bark



# Trees of Wilcox Park continued

## **Moss Falsecypress** | *Chamaecyparis pisifera 'squarrosa'*

Native to Japan, Monoecious, Evergreen Conifer, New growth comes from tips of leaves  
Male cones cluster at tips of the branches, Female cones are larger and round, Bark reddish brown in strips



## **White Oak** | *Quercus alba*

Native to the United States, Monoecious, Deciduous, Leaves have rounded lobes, Male flowers are greenish-yellow catkins,  
Acorns are oblong in shape and produced annually, Bark is light, ashy grey in color and shallowly furrowed



## **Swamp White Oak** | *Quercus bicolor*

Native to North America, Monoecious, Deciduous, Leaves have rounded lobes and the underside is lighter in color, Male flowers are greenish-yellow catkins, Acorns grow at the end of a long stalk (peduncle), Bark is rough in texture and irregularly furrowed



## **Umbrella Pine** | *Sciadopitys verticillata*

Native to Japan, Monoecious Evergreen, Flattened thick needles grow in whorls around the stalk, Male cones are in terminal clusters, Female cones are found higher up in the tree and are 6-10 centimeters in length, Bark exfoliates and is orange-brown



# Trees of Wilcox Park continued

## **London Planetree** | *Platanus x acerifolia*

A cross between *Platanus occidentalis* and *Platanus orientalis*, Monoecious Deciduous, Leaves have 3-5 lobes similar to maple, Male flowers are round and small, Female flowers, 2 per stalk, become spherical balls of tightly packed seeds, Bark is mottled and exfoliates



## **Pin Oak** | *Quercus palustris*

Native to North America, Monoecious, Deciduous, Member Red Oak family, Yellow-green male catkins, Bristle-tipped leaves, Pendulous lower branches, horizontal middle braches, upper branches upright, Acorns take 2 years to mature, Bark has shallow ridges



## **\*Bur Oak** | *Quercus macrocarpa*

Native to North America, Monoecious, Deciduous, Member of White Oak family, Rounded lobed leaves, Pendulous male catkins, Reddish female flowers Largest acorns of any oak and has a fringed cap, Furrowed bark



## **Chestnut Oak** | *Quercus prinus*

Native to eastern North America, Monoecious, Deciduous, Member of the white oak family, Leaves grow up to 7" long and are deep green, Male catkins are pendulous, Acorns are sweet and important food for deer, turkey, squirrels, Bark is dark brown and has deep longitudinal ridges



# Trees of Wilcox Park continued

## **River Birch** | *Betula nigra*

Native to North America, Monoecious, Deciduous, Triangular leaves, Female stroboli (cone-like structures) are upright on branches, Male catkins dangle in clusters of 2-3, Female stroboli produce winged seeds, Cinnamon-colored bark



## **Norway Maple** | *Acer platanoides* 'Schwedleri'

Native to Europe, Considered invasive, Monoecious Deciduous, Leaves palmate, five lobes, Flowers in corymbs of 15-30 together, yellowish in color, Fruit is a double samara, Bark is grey-brown and has narrow ridges and furrows



## **Northern Red Oak** | *Quercus rubra*

Native to North America, Monoecious, Deciduous, 7-11 lobed bristle-tipped leaves which turn russet-red in fall, Male flowers are pendulous catkins, Acorns are first to ripen, Bark is furrowed in narrow ridges



## **\*Sycamore Maple** | *Acer pseudoplatanus*

Native to Europe and Western Asia, Monoecious, Deciduous, 5-lobed, palmate leaves, Female flowers are light green, Male flowers are red, Paired winged seeds are samaras, Outer bark is grey, inner bark is orange



# Trees of Wilcox Park continued

## **Tamarack or Eastern Larch** | *Larix laricina*

Native to North America, Deciduous Conifer, Needle-like leaves shed every other fall, Yellow male pollen cones, Brown seed-bearing female cones are the smallest of any conifer, Young bark is thin and scaly, Old bark is plated and thick

