

## Tree & Shrub Descriptions

### **Conifers:**

Eastern Red Cedar: Slow growth reaching 40-50 ft. Full sun to partial shade, tolerant of poor soil and drought.

White Cedar: Slow growth reaches 30-45 ft. Prefers moist conditions, is shade tolerant.

Balsam Fir: Slow growth can reach 60 ft. Shade tolerant, prefers moist areas but does well in a variety of sites.

Canadian Hemlock: Fine texture, medium growth rate reaching 40 plus ft. Prefers well drained moist areas.

Tamarack: Prefers wet to moist areas, full sun to partial shade, medium growth rate reaching 50 feet.

Red Pine: Medium growth reaches 50-80 ft. Prefers dry sandy well-drained soil, full sun, shade-intolerant.

Austrian Black Pine: Full sun shade-intolerant, medium growth reaches 50-60 ft. Best in well-drained soils.

White Pine: One of the fastest growing landscape pines reaches 50-75 ft. Shade-tolerant best in well-drained soil.

White Spruce: Tolerates heat, drought, shade and high water. Prefers well-drained soil, slow growth rate.

### **Shrubs:**

Arrowwood: Multi-stemmed rounded shape 6-8 ft tall, shade and drought tolerant.

Button Bush: Best in moist to wet areas. Medium growth rate reaching 8 ft. Full sun to partial shade.

Black Choke Cherry: Medium growth reaches 20 ft. Moist to dry conditions in full sun or partial shade.

Highbush Cranberry: Prefers sandy moist to dry conditions in full sun. Medium growth rate to 12 ft.

Pagoda Dogwood: Prefers moist conditions in full sun to partial shade. Slow growth rate to 20-30 ft. in height.

Red-Osier Dogwood: Erect shrub 6-9 ft. in height. Red stems in winter. Common to wet areas and shorelines.

Silky Dogwood: Spreading shrub 9-12 ft., found in wet areas and shorelines. Full sun highly shade intolerant.

Hazelnut: Multi-stemmed shrubs grow to 8 ft. Best in full sun and moist soil conditions.

Nannyberry: Found in floodplains, stream banks and swamp margins. Used to improve wildlife areas.

Ninebark: Best in full sun along lakeshore or stream banks. Medium growth rate to 12 ft.

Spicebush: Found in moist conditions, does well in moist conditions. Height range 8-12 ft. Full sun to light shade.

Winterberry: Medium growth rate to 12 ft. Common to pond margins, shorelines. Full sun to partial shade.

### **Large Trees:**

Quaking Aspen: Widely distributed tree indifferent to soil conditions, fast growing reaching 40-50 ft.

Basswood: Stately tree reaching 60-80 ft. Fast growth prefers moist rich soil, full sun to lite shade.

Black Cherry: Hardest of native cherry, fast growth to 60-80 ft., well-drained soil, full sun.

Coffeetree: Large tree reaching 60-75 ft. requires full sun and deep moist rich soil.

Black Gum: Shade tolerant, slow growing to 30-45 ft. Good ornamental value due to wide site tolerance.

Hackberry: Fast growing reaching 40 ft. tolerates wide soil conditions, full sun to partial shade.

Red Maple: Fast growing shade tolerant, does well in a wide variety of soil conditions, full sun to shade.

Sugar Maple: Medium growth rate to 60-75 ft. Prefers moist well-drained soil, very shade tolerant.

Silver Maple: Popular shade tree because of foliage, fast growth and adaptability to variety of soils.

Red Oak: Likes moist cool well-drained sites, shade tolerant, fast growing to 60-90 ft.

White Oak: Full sun, slow growing reaching 60-75 ft. Adaptable to wide range of soil conditions.

Black Oak: Shade intolerant, fast growing reaching 60-75 ft. adaptable to moist soil conditions.

Chinkapin Oak: Fast growing reaching 40-50 ft. Requires full sun, does well in moist soil conditions.

Sawtooth Oak: Medium size tree reaching 35-45 ft. does best in full sun with well-drained soil.

Swamp White Oak: Bi-color leaf found in wet poorly drained soil, slow growing, shade-tolerant.

Tulip Poplar: Fast growth rate, reaches 70-90 ft. best in well-drained soil in full sun.

Sycamore: Prefers deep moist rich soil, fast growth reaching 75-100 ft. Full sun to partial shade.

Black Walnut: Requires deep, fertile, moist, well-drained soil. Shade intolerant, fast growing to 60-80 ft.

### **Small Trees:**

Mountain Ash: Moderately shade tolerant, slow-growing reaching 12-20 ft.

Paper Birch: Fast growth to 40-60 ft., adaptable to most soils best in well-drained and full sun.

River Birch: Prefers moist conditions, medium growth rate to 40-60 ft. full sun to partial shade.

Butternut: Medium size tree with wide spreading crown, requires full sun and moist fertile conditions.

Redbud: Small tree reaching 15-20 ft. Shade-tolerant understory tree along stream banks and moist areas.

Choke Cherry: Small tree reaching around 20 ft. Shade-tolerant enjoys moist to dry areas.

Flowering Dogwood: Grows best in moist well-drained sites with partial shade, height of 20 ft.

Downy Hawthorn: Wide spreading tree reaching around 20 ft with varying degrees of thorniness.

Serviceberry: Medium growth rate reaching 20 ft. Shade tolerant does well in moist soil conditions.

Red Mulberry: Fast growth to 30 ft. Shade, drought and salt tolerant, with edible fruit.

American Plum: Medium growth reaching 20 ft. Requires full sun, best in somewhat moist conditions.

Witchhazel: Slow growth, shade tolerant, does well in most soil conditions, reaches height of 25 ft.