












NATIVE SPECIES DESCRIPTIONS Growth Rate: F = Fast; M = Medium; S = Slow

EVERGREEN TREES

Common & Scientific name	Characteristics
 <p>Balsam Fir <i>(Abies balsamea)</i> Growth Rate: (S)</p>	Grows best in moist, fertile soils with full to partial sun. Average mature height is 50'. Has soft, flat, aromatic needles ¾-1¼" and 2-4" cones.
 <p>Red Pine <i>(Pinus resinosa)</i> Growth Rate: (M)</p>	Grows best in dry soils with full sun. Average mature height is 75'. A popular lumber tree. Has stiff, dull green needles 4-6" long, scaly bark and 1½-2¼" cones.
 <p>White Cedar <i>(Thuja occidentalis)</i> Growth Rate: (M)</p>	Grows best in moist to wet soils with full to partial sun. Average mature height is 40'. Has flat, scale-like, yellow-green aromatic needles and ½" cones.
 <p>White Pine <i>(Pinus strobus)</i> Growth Rate: (F)</p>	Grows best in moist to dry, fertile soils with full to partial sun. Average mature height is 75'. Grows to 100' in height. Has picturesque, soft, 3-5" green needles and 5-8" cones.
 <p>White Spruce <i>(Picea glauca)</i> Growth Rate: (M)</p>	Grows best in moist, fertile soils with full sun. Average mature height is 70'. Has stiff, green needles ½-¾" and 1¼-2½" cones.

BROADLEAF TREES

Common & Scientific name	Characteristics
 <p>Bur Oak <i>(Quercus macrocarpa)</i> Growth Rate: (S)</p>	Grows best in dry to moist, fertile ground with partial to full sun. Average mature height is 70'. It has light gray, thick, rough, deeply furrowed bark. The leaves are lobed at the ends and 4-10" long. The acorns are the largest of the native oaks.
 <p>Chokecherry <i>(Prunus virginiana)</i> Growth Rate: (F)</p>	Grows best in moist soils. Shrub or small tree, often forming dense thickets, with dark red or blackish chokecherries. Height 20', diameter 6' with leaves of 1-3" elliptical, finely and sharply saw-toothed. Shiny dark green above, light green and sometimes slightly hairy beneath, turning yellow in autumn. Grows best in moist soils.
 <p>Paper Birch <i>(Betula papyrifera)</i> Growth Rate: (M)</p>	Grows best in moist to dry, fertile soils with partial to full sun. Average mature height is 60'. It has chalky to creamy white peeling outer bark which reveals orange-brown inner bark. Leaves are 2-4" long dark green turning yellow in autumn. Produces small seed cones in fall.
 <p>Quaking Aspen <i>(Populus tremuloides)</i> Growth Rate: (F)</p>	Grows best in dry soils with full sun. Average mature height is 50'. Produces small seed catkins in spring. Leaves are 1¼-3" long, shiny green turning to golden yellow in fall. They tremble in the slightest wind, making the tree appear to shimmer.
 <p>Red Maple <i>(Acer rubrum)</i> Growth Rate: (M)</p>	Grows best in most soils (excluding extremes) with full to partial sun. Average mature height is 70'. Produces winged seeds in the spring. The 2-4" dull green leaves turn a brilliant red, orange or yellow in the fall. This tree is more sensitive to salt than most.
 <p>Red Oak <i>(Quercus rubra)</i> Growth Rate: (F)</p>	Grows best in dry, fertile soils with full to partial sun. Average mature height is 70'. Has 4-9" dull green leaves which turn red in fall. The acorns this oak produces have a smooth cap.

BROADLEAF TREES (continued)**River Birch**

(*Betula nigra*)
Growth Rate: (F)

Grows best in moist to wet, fertile soils and tolerates wet soils with partial to full sun. Average mature height is 50'. Has shiny pinkish-brown or silvery gray scaly bark which becomes very shaggy. Leaves are 1½-3" long, shiny green, turning dull yellow in fall. Produces small seed cones in late spring.

**Serviceberry**

(*Amelanchier arborea*)
Growth Rate: (M)

Grows best in moist, fertile soils with partial to full sun. Average mature height is 25'. This small tree or shrub has delicate white flowers which produce small red berries in early summer that wildlife enjoy eating. The bark is smooth and light gray and leaves are a soft green, turning yellow to red in the autumn.

**Silver Maple**

(*Acer saccharinum*)
Growth Rate: (F)

Grows best in moist to wet soils with full sun. Average mature height is 80'. Produces winged seeds in spring. The 4-6" dull green leaves have a silvery underside; they turn a pale yellow in the fall.

**Sugar Maple**

(*Acer saccharum*)
Growth Rate: (M)

Grows best in moist, fertile soils with full to partial shade. Average mature height is 70'. It produces winged seeds in the fall. The 3-5" dull green leaves turn a brilliant red, orange or yellow color in the fall. This tree is more sensitive to salt and stress than most.

**Swamp White Oak**

(*Quercus bicolor*)
Growth Rate: (S)

Grows best in wet swampy soils of lowlands, including stream borders, flood plains and swamps subject to flooding. Full sun. Leaves are 4-7" turning brown to red in fall, average height is 60-70'. Produces 1" oval acorns, usually grown in pairs, and loses them in October.

**Yellow Birch**

(*Betula alleghaniensis*)
Growth Rate: (S)

Grows best in cool, moist, well drained soils. Prefers uplands, hardwoods and conifer under-stories with partial sun. Leaves are 3-5" long, dark dull-green above, light yellow-green beneath, turns bright yellow in autumn, average mature height is 70-100'. One of the most valuable birches and one of the largest hardwoods in northeastern North America. Easily recognized by distinctive shiny yellowish or silvery-gray bark. Produces small seed cones in autumn.

WILDLIFE SHRUBS**Common & Scientific name****Characteristics****American Hazelnut**

(*Corylus americana*)
Growth Rate: (F)

Grows best in moist to dry soil with full to partial shade. Average mature height is 10' with a spread of 6'. Produces small, flavorful, edible nuts in autumn. Leaves are medium green turning orange-yellow in autumn.

**Gray Dogwood**

(*Cornus racemosa*)
Growth Rate: (F)

Grows best in moist, well drained soils with full to partial sun. More than 6' high at maturity. Flowers in June or July are white and loosely clustered, and its white fruit, which appears in September or October, is set off by bright red fruit-stalks. Provides summer food and cover for wildlife.

**Highbush Cranberry**

(*Viburnum trilobum*)
Growth Rate: (M)

Grows best in moist, fertile soils with partial to full shade. Average mature height is 15' with a spread of 15'. Has white lacy flowers that produce bright red berries which persist throughout most of the winter season. The leaves are a dull green, turning to maroon in autumn.

**Ninebark**

(*Physocarpus opulifolius*)
Growth Rate: (M)

Grows best in moist to dry fertile soils with full to partial sun. Average mature height is 9' with a spread of 9'. Has white flowers which produce red capsular fruits. Bark has a shredded appearance; leaves turn a yellowish color in autumn.

**Silky Dogwood**

(*Cornus amomum*)
Growth Rate: (F)

Grows best in well drained soils with full sun to full shade. Average mature height is 9' and diameter is 9'. Has white flowers which produce clusters of bluish berries in early autumn. Leaves are green turning to silvery purple in autumn.

**Witch-hazel**

(*Hamamelis virginiana*)
Growth Rate: (M)

Grows best in moist, fertile soils with full shade. The average mature height of this small aromatic shrubby tree is 10-15' with a spread of 8'. It has yellow flowers that bloom in October. Leaves are 3-5" dull green turning yellow in the fall.