












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

EVERGREEN

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, green needles 3-5" 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

Common & Scientific name	Characteristics
 <p>American Plum (<i>Prunus americana</i>) Growth Rate: M</p>	Grows best in moist soils with full sun. Average mature height is 30'. Tree can also spread itself by root sprouts, forming a shrubby thicket if left unmanaged. This makes it a good choice for erosion prone areas. It displays large white flowers in early spring and 1" red plums in summer. The plums can be used for jellies, preserves, and wines - if you can get them before the wildlife does.
 <p>Black Cherry (<i>Prunus serotina</i>) Growth Rate: F</p>	Grows best in dry soils with full to partial sun. Average mature height is 40'. White flowers which produce many small purplish black fruits. Leaves are 1-2" shiny dark green turning orange in fall.
 <p>Black Walnut (<i>Juglans nigra</i>) Growth Rate: S</p>	Grows best in moist, fertile soils with full sun. Average mature height is 80'. Valuable for lumber when mature, but has toxicity to some other plants. Not to be planted near other valuable species. The edible nut is enclosed in a yellow-green husk. The leaves are 12-24" long and yellow-green, with no fall color.
 <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>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>Red Maple (<i>Acer rubrum</i>) Growth Rate: F</p>	Grows best in most soils (excluding extremes) with full to partial sun. Average mature height is 70'. Produces winged seeds in the spring. Its 2-4" dull green leaves turn a brilliant red, orange or yellow in the fall. This tree is more sensitive to salt than most.

BROADLEAF

Red Oak
(*Quercus rubra*)
Growth Rate: M

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. Produces acorns with a smooth cap.



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

Grows best in moist, 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.



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 with 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 its acorns in October.



Sycamore
(*Platanus occidentalis*)
Growth Rate: F

NEW for 2019

Grows best in moist to wet soils – riparian and wetland with full sun. Average mature height is 70'. Grown for timber and shade. Can be easily distinguished by its mottled bark which flakes off in great irregular masses, leaving the surface mottled, and greenish-white, gray and brown. Leaves are 4-9" long turning pale green to yellow to brown in the fall. It produces round heads light green tinged with red, on longer stems.

SHRUBS

Common & Scientific name

Characteristics



American Black Elderberry
(*Sambucus canadensis*)
Growth Rate: F

Grows best in moist to wet soils with full sun. Average mature height is 12', with a spread of 9'. Produces small white flowers in large flat clusters which produce large quantities of black berries, good for wildlife and for making jams, jellies and wine.



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.



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'. Have 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 width diameter is 9'. Have white flowers which produce clusters of bluish berries in early autumn. Leaves are green turning to silvery purple in autumn.



Staghorn Sumac
(*Rhus typhina*)
Growth Rate: F

Grows best in dry soils with full sun. The average mature height is 20' and diameter width is 9'. Has persistent red fruits which form a large clump above the canopy. The leaves are composite and 12-24" long. They are shiny dark green turning to brilliant red with orange and purple in autumn.



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