

City of Somerville GreenScore Large Tree List

Large Tree: per the SZO, a large tree is a woody plant with an expected mature height of thirty (30) feet or more. Trees not identified as acceptable large trees on the Green Score Tree List shall be adjudicated by OSPCD staff at the time of application. To be counted as trees toward Green Score, new trees must be at least ten (10) feet in height or two (2) inches in caliper when planted.

COMMON NAME	LATIN NAME	Native
Miyabe maple	Acer miyabei	Non-native
Red Maple	Acer rubrum	Native
Sugar Maple	Acer saccharum	Native
Armstrong Red maple; Freeman Maple	Acer x freemanii	Native
Horsechestnut	Aesculus hippocastanum	Non-native
Red Horsechestnut	Aesculus x carnea	Non-native
Yellow Birch	Betula alleghaniensis	Native
Sweet Birch (Black Birch, Cherry Birch)	Betula lenta	Native
River Birch	Betula nigra	Native
Grey Birch	Betula populifolia	Native
European Hornbeam	Carpinus betulus	Non-native
Shagbark Hickory	Carya ovata	Native
Mockernut Hickory	Carya tomentosa	Native
Chinese Chestnut	Castanea mollissima	Non-native
Sugarberry	Celtis laevigata	Native
Hackberry	Celtis occidentalis	Native
Katsuratree	Cercidiphyllum japonicum	Non-native
Yellowwood	Cladastris kentukea	Native
Turkish filbert	Corylus colurna	Non-native
Hardy Rubber Tree	Eucommia ulmoides	Non-native
American Beech	Fagus grandifolia	Native
Ginkgo (male only)	Ginkgo biloba	Non-native
Honeylocust	Gleditsia triacanthos var. inermis	Native
Kentucky coffeetree	Gymnocladus dioicus	Native
Butternut (White Walnut)	Juglans cinerea	Native
Black Walnut	Juglans nigra	Native
Eastern Juniper (Red Cedar)	Juniperus virginiana	Native
Goldenrain Tree	Koelreuteria paniculata	Non-native
Tamarack (American Larch)	Larix laricina	Native
American Sweetgum	Liquidambar styraciflua	Native
Tulip Tree (Yellow Poplar)	Liriodendron tulipifera	Native
Osage orange	Maclura pomifera	Native
Cucumber Tree	Magnolia acuminata	Native
Dawn redwood	Metasequoia glyptostroboides	Non-native
Black-gum (Black Tupelo)	Nyssa sylvatica	Native

American Hophornbeam (Eastern Hophornbeam)	<i>Ostrya virginiana</i>	Native
Red Pine	<i>Pinus resinosa</i>	Native
Pitch Pine	<i>Pinus rigida</i>	Native
White Pine	<i>Pinus strobus</i>	Native
Japanese black pine	<i>Pinus thunbergii</i>	Non-native
London planetree	<i>Plantus x acerifolia</i>	Non-native
American Sycamore	<i>Platanus occidentalis</i>	Native
Eastern Cottonwood (Necklace Poplar)	<i>Populus deltoides</i>	Native
Quaking Aspen	<i>Populus tremuloides</i>	Native
European Bird Cherry	<i>Prunus padus</i>	Non-native
Sargent cherry	<i>Prunus sargentii</i>	Non-native
Black Cherry	<i>Prunus serotina</i>	Native
Kwanzan cherry	<i>Prunus serrulata</i> 'Kwanzan'	Non-native
Sawtooth oak	<i>Quercus acutissima</i>	Non-native
White Oak	<i>Quercus alba</i>	Native
Swamp White Oak	<i>Quercus bicolor</i>	Native
Scarlet Oak	<i>Quercus coccinea</i>	Native
Shingle Oak	<i>Quercus imbricaria</i>	Native
Bur oak	<i>Quercus macrocarpa</i>	Native
Chestnut Oak	<i>Quercus montana</i>	Native
Pin Oak	<i>Quercus palustris</i>	Native
Willow Oak	<i>Quercus phellos</i>	Native
English Oak	<i>Quercus robur</i>	Non-native
Northern Red Oak	<i>Quercus rubra</i>	Native
Black Oak	<i>Quercus velutina</i>	Native
Sassafras	<i>Sassafras albidum</i>	Native
Korean mountain ash	<i>Sorbus alnifolia</i>	Non-native
Japanese pagoda tree	<i>Styphnolobium japonicum</i>	Non-native
Bald cypress	<i>Taxodium distichum</i>	Native
Giant (western) arborviate	<i>Thuja plicata</i>	Non-native
American Basswood (American Linden)	<i>Tilia americana</i>	Native
Little-leaf linden	<i>Tilia cordata</i>	Non-native
Silver linden	<i>Tilia tomentosa</i>	Non-native
American Elm	<i>Ulmus americana</i>	Native
Chinese Elm	<i>Ulmus parvifolia</i>	Non-native
Elm cultivars (ex. Accolate, Emerald Sunshine, Homestead, Prosepector)	<i>Ulmus</i> spp.	Non-native
Japanese Zelkova	<i>Zelkova serrata</i>	Non-native

City of Somerville GreenScore Small Tree List

Small Tree: per the SZO, a small tree is a woody plant with an expected mature height of less than thirty (30) feet. Trees not identified as acceptable small trees on the Green Score Tree List shall be adjudicated by OSPCD staff at the time of application. Per the SZO, to be counted as trees toward Green Score, new trees must be at least ten (10) feet in height or two (2) inches in caliper when planted.

COMMON NAME	LATIN NAME	Native/Non-Native
Trident maple	Acer buergerianum	Non-native
Hedge maple	Acer campestre	Non-native
Paperbark maple	Acer griseum	Non-native
Japanese maple	Acer palmatum	Non-native
Striped maple (Moosewood)	Acer pensylvanicum	Native
Three-flower maple	Acer triflorum	Non-native
Shantung maple	Acer truncatum	Non-native
Speckled alder	Alnus rugosa	Native
Downy serviceberry	Amelanchier arborea	Native
Serviceberry (Shadblow)	Amelanchier canadensis	Native
Apple serviceberry (Juneberry)	Amelanchier x grandiflora	Native
Pawpaw	Asimina triloba	Native
Musclewood (American Hornbeam, Ironwood, Blue Beech)	Carpinus caroliniana	Native
Eastern redbud	Cercis canadensis	Native
Alternate-leaf dogwood	Cornus alternifolia	Native
Flowering dogwood	Cornus florida	Native
Kousa dogwood	Cornus kousa	Non-native
Cornelian cherry	Cornus mas	Non-native
Washington hawthorn	Crataegus phaenopyrum	Native
Carolina silverbell (Common silverbell, Mountain silverbell)	Halesia carolina (formerly Halesia tetraptera)	Native
Witch-Hazel	Hamamelis virginiana	Native
American holly	Ilex opaca	Native
Amur maackia	Maackia amurensis	Non-native
Sweetbay magnolia	Magnolia virginiana	Non-native
Crabapple	Malus spp.	
Sourwood	Oxydendrum arboreum	Native
Persian ironwood (Persian parrotia)	Parrotia persica	Non-native
Accolade cherry	Prunus 'Accolade'	Non-native
Purpleleaf plum (Cherry plum)	Prunus cerasifera	Non-native
Pin cherry (Fire cherry, Bird cherry)	Prunus pensylvanica	Native
Snowgoose cherry	Prunus serrulata 'Snowgoose'	Non-native
Higan cherry	Prunus subhirtella	Non-native
Common chokecherry	Prunus virginiana	Native
Okame cherry	Prunus x incamp 'Okame'	Non-native
Yoshino cherry	Prunus x yeodensis	Non-native
Common hoptree	Ptelea trifoliata	Native
Staghorn sumac	Rhus typhina	Native
Japanese stewartia	Stewartia pseudocamellia	Non-native
Japanese tree lilac	Syringa reticulata	Non-native

City of Somerville GreenScore Bonus Quaifying High Value Trees

High value species: tree species, as determined by the Director of Public Space and Urban Forestry that have been identified as having exemplary environmental benefits including carbon sequestration, storm water interception, energy conservation, and wildlife and pollinator value. Large and small high value tree species are identified in the [Green Score Tree List](#).

BONUS LARGE TREES

COMMON NAME

Sugar Maple
Yellow Birch
Sweet Birch (Black Birch, Cherry Birch)
River Birch
Grey Birch
Shagbark Hickory
Mockernut Hickory
Sugarberry
American Beech
Butternut (White Walnut)
Black Walnut
Tamarack (American Larch)
Dawn redwood
Red Pine
Pitch Pine
White Pine
American Sycamore
Eastern Cottonwood (Necklace Poplar)
Quaking Aspen
Black Cherry
White Oak
Swamp White Oak
Scarlet Oak
Shingle Oak
Bur oak
Chestnut Oak
Pin Oak
Willow Oak
Northern Red Oak
Black Oak
American Basswood (American Linden)
American Elm

LATIN NAME

Acer saccharum
Betula alleghaniensis
Betula lenta
Betula nigra
Betula populifolia
Carya ovata
Carya tomentosa
Celtis laevigata
Fagus grandifolia
Juglans cinerea
Juglans nigra
Larix laricina
Metasequoia glyptostroboides
Pinus resinosa
Pinus rigida
Pinus strobus
Platanus occidentalis
Populus deltoides
Populus tremuloides
Prunus serotina
Quercus alba
Quercus bicolor
Quercus coccinea
Quercus imbricaria
Quercus macrocarpa
Quercus montana
Quercus palustris
Quercus phellos
Quercus rubra
Quercus velutina
Tilia americana
Ulmus americana

BONUS SMALL TREES

COMMON NAME

Striped maple (Moosewood)
Speckled alder
Downy serviceberry
Serviceberry (Shadblow)
Apple serviceberry (Juneberry)
Alternate-leaf dogwood
Flowering dogwood
Crabapple
Pin Cherry
Choke cherry

LATIN NAME

Acer pensylvanicum
Alnus rugosa
Amelanchier arborea
Amelanchier canadensis
Amelanchier x grandiflora
Cornus alternifolia
Cornus florida
Malus spp.
Prunus pensylvanica
Prunus virginiana