



City of Port Moody Replacement Tree Species List

Tree Protection Bylaw, No. 3507, 2025

The descriptions in this fact sheet are a summary of the key points in the Tree Protection Bylaw and the requirements for replacement tree species. It is the responsibility of the arborists and tree care companies to carefully read and familiarize themselves with the Bylaw itself.

This information is intended to be a helpful reference that can point the reader to specific portions of the Bylaw. Find complete description of terms and conditions at portmoody.ca/trees.

[Learn more](#)



Tree species that the City will consider acceptable for the different size classes outlined in Bylaw No. 3507 are listed below. Subject to approval from the City, species other than those listed in this document may be considered for replacement trees. As per Bylaw No. 3507, all replacement tree planting is subject to evaluation and approval by the City.

Note: The City will not accept dwarf, hedge, or palm species or varieties as replacement trees.

Definitions

Size Class (expected height at maturity):

- Small: less than 10 metres (m)
- Medium: 10 – 15 m
- Large: greater than 15 m

Shade Tolerance:

- L = Low (requires greater than 25% full sunlight)
- M = Moderate (requires 10-25% full sunlight)
- H = High (requires less than 10% full sunlight)

Future Climate Suitability

- Very suitable = species anticipated to tolerate a broad range of sites under future climate
- Suitable = species anticipated to tolerate all but the driest sites under future climate
- Marginal = species anticipated to be restricted to moist sites under future climate
- Trial = species is present in future comparable climates and has the potential for introduction to Metro Vancouver



Do you need more information?



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portmoody.ca/trees

Small Species

Common Name	Scientific Name	Size Class	Shade Tolerance	Future Climate Suitability	Native Species?
Vine maple	<i>Acer circinatum</i>	Small	H	Marginal	Yes
Paperbark maple	<i>Acer griseum</i>	Small	M	Suitable	
Japanese maple	<i>Acer palmatum</i>	Small	H	Marginal	
Amur maple	<i>Acer tataricum</i>	Small	M	Suitable	
Autumn Brilliance Serviceberry	<i>Amelanchier x grandiflora</i>	Small	M	Suitable	
Eastern redbud	<i>Cercis canadensis</i>	Small	M	Very suitable	
Flowering dogwood	<i>Cornus florida</i>	Small	H	Suitable	
Kousa dogwood	<i>Cornus kousa</i>	Small	M	Marginal	
Cornelian cherry	<i>Cornus mas</i>	Small	M	Suitable	
Black hawthorn	<i>Crataegus douglasii</i>	Small	M	Suitable	Yes
Oyama magnolia	<i>Magnolia sieboldii</i>	Small	M	Marginal	
Star magnolia	<i>Magnolia stellata</i>	Small	M	Marginal	
Saucer magnolia	<i>Magnolia x soulangeana</i>	Small	M	Marginal	
Japanese black pine	<i>Pinus thunbergii</i>	Small	L	Very suitable	
Cherry plum	<i>Prunus cerasifera</i>	Small	L	Suitable	
Birch bark cherry	<i>Prunus serrula</i>	Small	L	Suitable	
Higan cherry	<i>Prunus subhirtella</i>	Small	L	Suitable	
Orange-bark stewartia	<i>Stewartia monadelpha</i>	Small	M	Suitable	
Japanese stewartia	<i>Stewartia pseudocamellia</i>	Small	M	Suitable	
Japanese snowbell	<i>Styrax japonicus</i>	Small	M	Suitable	
Tree lilac	<i>Syringa reticulata</i>	Small	L	Marginal	
Western yew	<i>Taxus brevifolia</i>	Small	H	Suitable	Yes
Chitalpa	<i>xChitalpa tashkentensis</i>	Small	L	Suitable	

Medium Species

Common Name	Scientific Name	Size Class	Shade Tolerance	Future Climate Suitability	Native Species?
Field Maple	<i>Acer campestre</i>	Medium	M	Suitable	
Caucasian maple	<i>Acer cappadocicum</i>	Medium	M	Suitable	
Miyabe's maple	<i>Acer miyabei</i>	Medium	M	Suitable	
Silk tree	<i>Albizia julibrissin</i>	Medium	L	Very suitable	
Monkey puzzle	<i>Araucaria araucana</i>	Medium	M	Suitable	
Pacific madrone/arbutus	<i>Arbutus menziesii</i>	Medium	M	Very suitable	Yes
Paper birch	<i>Betula papyrifera</i>	Medium	L	Marginal	Yes
California incense cedar	<i>Calocedrus decurrens</i>	Medium	M	Very suitable	
European hornbeam	<i>Carpinus betulus</i>	Medium	H	Suitable	
Japanese hornbeam	<i>Carpinus japonica</i>	Medium	M	Suitable	
Nootka cypress	<i>Chamaecyparis nootkatensis</i>	Medium	H	Marginal	BC (not Metro Van)
Hinoki false cypress	<i>Chamaecyparis obtusa</i>	Medium	H	Suitable	
Sawara false cypress	<i>Chamaecyparis pisifera</i>	Medium	M	Suitable	
Pacific dogwood	<i>Cornus nuttallii</i>	Medium	H	Marginal	Yes
Eddies' white wonder	<i>Cornus x nuttallii</i>	Medium	M	Marginal	
Leyland cypress	<i>Cupressus x leylandii</i>	Medium	L	Very suitable	
Handkerchief tree	<i>Davidia involucrata</i>	Medium	M	Suitable	
Honey locust	<i>Gleditsia triacanthos</i>	Medium	L	Very suitable	
Galaxy hybrid magnolia	<i>Magnolia 'galaxy'</i>	Medium	L	Marginal	
Southern magnolia	<i>Magnolia grandiflora</i>	Medium	H	Suitable	
Kobus magnolia	<i>Magnolia kobus</i>	Medium	M	Marginal	
Tupelo	<i>Nyssa sylvatica</i>	Medium	H	Marginal	
Persian ironwood	<i>Parrotia persica</i>	Medium	L	Suitable	
White spruce	<i>Picea glauca</i>	Medium	H	Suitable	BC (not Metro Van)
Serbian spruce	<i>Picea omorika</i>	Medium	H	Suitable	
Colorado blue spruce	<i>Picea pungens</i>	Medium	H	Suitable	
Shore pine	<i>Pinus contorta</i>	Medium	L	Very suitable	Yes
Japanese white pine	<i>Pinus parviflora</i>	Medium	L	Suitable	
Scotch pine	<i>Pinus sylvestris</i>	Medium	L	Very suitable	

Medium Species (continued)

Common Name	Scientific Name	Size Class	Shade Tolerance	Future Climate Suitability	Native Species?
Trembling aspen	<i>Populus tremuloides</i>	Medium	L	Marginal	BC (not Metro Van)
Bitter cherry	<i>Prunus emarginata</i>	Medium	M	Suitable	Yes
Sargent's cherry	<i>Prunus sargentii</i>	Medium	L	Suitable	
Japanese cherry	<i>Prunus serrulata</i>	Medium	L	Suitable	
Yoshino cherry	<i>Prunus x yedoensis</i>	Medium	L	Suitable	
Callery pear	<i>Pyrus calleryana</i>	Medium	L	Very suitable	
Sawtooth oak	<i>Quercus acutissima</i>	Medium	L	Very suitable	
Crimson spire oak	<i>Quercus alba x robur</i>	Medium	L	Suitable	
Holly oak	<i>Quercus ilex</i>	Medium	M	Very suitable -Trial	
Weeping willow	<i>Salix babylonica</i>	Medium	L	Marginal	
Bald cypress	<i>Taxodium distichum</i>	Medium	L	Suitable	
English yew	<i>Taxus baccata</i>	Medium	H	Suitable	
Japanese elm	<i>Ulmus davidiana</i>	Medium	M	Marginal	
Chinese elm	<i>Ulmus parvifolia</i>	Medium	M	Suitable	

Large Species

Common Name	Scientific Name	Size Class	Shade Tolerance	Future Climate Suitability	Native Species?
Grand fir	<i>Abies grandis</i>	Large	H	Marginal	Yes
Noble fir	<i>Abies procera</i>	Large	L	Suitable	BC (Not Metro Van)
Big leaf maple	<i>Acer macrophyllum</i>	Large	H	Marginal	
Red maple	<i>Acer rubrum</i>	Large	M	Suitable	Yes
Silver maple	<i>Acer saccharinum</i>	Large	H	Suitable	
Freeman maple	<i>Acer x freemanii</i>	Large	M	Suitable	
Common horsechestnut	<i>Aesculus hippocastanum</i>	Large	M	Suitable	
Ruby red horsechestnut	<i>Aesculus x carnea</i>	Large	M	Suitable	
Red alder	<i>Alnus rubra</i>	Large	L	Suitable	
Atlas cedar	<i>Cedrus atlantica</i>	Large	L	Suitable	Yes
Deodar cedar	<i>Cedrus deodara</i>	Large	M	Very suitable	
Common hackberry	<i>Celtis occidentalis</i>	Large	M	Very suitable	
Kastura	<i>Cercidiphyllum japonicum</i>	Large	L	Marginal	
Giant dogwood	<i>Cornus controversa</i>	Large	L	Suitable	
Japanese red cedar	<i>Cryptomeria japonica</i>	Large	M	Suitable	
American beech	<i>Fagus grandifolia</i>	Large	H	Marginal	
European beech	<i>Fagus sylvatica</i>	Large	H	Marginal	
Ginkgo	<i>Ginkgo biloba</i>	Large	L	Very suitable	
Kentucky coffeetree	<i>Gymnocladus dioicus</i>	Large	M	Very suitable	
Sweet gum	<i>Liquidambar styraciflua</i>	Large	L	Suitable	
Tulip tree	<i>Liriodendron tulipifera</i>	Large	L	Suitable	
Dawn redwood	<i>Metasequoia glyptostroboides</i>	Large	M	Marginal	
Sitka spruce	<i>Picea sitchensis</i>	Large	H	Marginal	
Austrian pine	<i>Pinus nigra</i>	Large	L	Very suitable	Yes
Eastern white pine	<i>Pinus strobus</i>	Large	M	Marginal	
London planetree	<i>Platanus x hispanica</i>	Large	M	Suitable	
Douglas fir	<i>Pseudotsuga menziesii</i>	Large	M	Suitable	Yes
White swamp oak	<i>Quercus bicolor</i>	Large	M	Suitable	
Scarlet oak	<i>Quercus coccinea</i>	Large	L	Very suitable	

Large Species (continued)

Common Name	Scientific Name	Size Class	Shade Tolerance	Future Climate Suitability	Native Species?
Garry oak	<i>Quercus garryana</i>	Large	L	Very suitable	BC (not Metro Van)
Burr oak	<i>Quercus macrocarpa</i>	Large	M	Very suitable	
Pin oak	<i>Quercus palustris</i>	Large	L	Marginal	
English oak	<i>Quercus robur</i>	Large	L	Suitable	
Red oak	<i>Quercus rubra</i>	Large	M	Suitable	
California redwood	<i>Sequoia sempervirens</i>	Large	H	Marginal	
Japanese pagoda tree	<i>Sophora japonica</i>	Large	M	Suitable	
Western redcedar	<i>Thuja plicata</i>	Large	H	Marginal	Yes
Little-leaf linden	<i>Tilia cordata</i>	Large	H	Suitable	
Silver linden	<i>Tilia tomentosa</i>	Large	M	Suitable	
Japanese zelkova	<i>Zelkova serrata</i>	Large	L	Suitable	