RECOMMENDED WOODY PLANT SPECIES FOR WHITEHORSE

City of Whitehorse
## PART 1: DECIDUOUS TREES

### POPLAR / ASPEN

*Populus Species*

<table>
<thead>
<tr>
<th>Species</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Populus X (brooks)**         | *Brooks #6 Poplar*  
  Male Seedless Clone  
  Good Ornamental  
  Hardy hybrid  
  Dry Site  
  Height 20m / Spread 15m  
  Yellow fall colour  
  Zone 1               |
| **Populus X (northwind)**      | *Northwest Poplar*  
  Hardy Hybrid  
  Fast growing  
  Green foliage  
  Gold fall colour  
  Height 20m / Spread 15m  
  Zone 1               |
| **Populus tremuloides**        | *Trembling Aspen*  
  Native  
  Fast growing  
  Slender graceful tree with trembling leaves  
  White smooth powdery bark with black branch scaring  
  Excellent reclamation tree  
  Dry site  
  Gold fall colour  
  Height 15m / Spread 5m  
  Zone 1               |
| **Populus balsamifera**        | *Balsam Poplar (Black Cottonwood, Western)*  
  Tall broad-leaved tree  
  Pistillate catkins produced  
  Large quantities of fluff  
  Likes rich bottom land  
  Gold Fall Colour  
  Height 25m / Spread 10m  
  Zone 1               |
ALDER
Alnus Species

**Alnus tenuifolia**  
Mountain Alder
Native  
Mid sized tree / shrub  
Green shiny leaves  
Yellow / Orange fall colour  
Reddish / Brown bark  
Small ornamental cones over winter  
Fast growing  
Nitrogen fixing  
Excellent reclamation species  
Height 12m / Spread 4m  
Maintain moisture  
Zone 1

**Alnus crispa**  
Green Alder
Native  
Small tree / shrub  
Shiny Leaves  
Yellow / Orange fall colour  
Green bark  
Small ornamental cones over winter  
Fast growing  
Nitrogen fixing  
Excellent reclamation species  
Maintains moisture  
Zone 1

**Alnus sitka**  
Sitka Alder
Native  
Shrub / small tree  
Shiny green leaves  
Orange fall colour  
Small ornamental cones over winter  
Fast growing  
Excellent reclamation species  
Zone 1
**BIRCH**  
*Betula Species*

**Betula pendula “Gracilis”**  
*Cutleaf Weeping Birch*  
Weeping branches of lacy leaves  
White bark  
Gold fall colour  
Maintain moisture with heavy fall watering  
Height 15m / Spread 10m  
Zone 2

**Betula papyrifera**  
*White Paper Birch*  
Native  
Single or clump  
Peeling white bark  
Lush green foliage  
Gold fall colour  
Maintain moisture with heavy fall watering  
Height 12m / Spread 6m  
Zone 1-2

**Betula pendula “Youngi”**  
*Youngs Weeping Birch*  
Specimen Tree  
Weeping branches of lacy leaves  
Sprawling habit  
Gold fall colour  
Height 4m / Spread 4m  
Maintain moisture and heavy fall watering
### MOUNTAIN ASH
*Sorbus Species*

<table>
<thead>
<tr>
<th>Sorbus Americana</th>
<th>American Mountain Ash</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Green fern-like foliage</td>
</tr>
<tr>
<td></td>
<td>White spring blossoms</td>
</tr>
<tr>
<td></td>
<td>Orange fall colour</td>
</tr>
<tr>
<td></td>
<td>Orange to red berries</td>
</tr>
<tr>
<td></td>
<td>Attractive bark</td>
</tr>
<tr>
<td></td>
<td>Height 8m / Spread 5m</td>
</tr>
<tr>
<td></td>
<td>Maintain moisture</td>
</tr>
<tr>
<td></td>
<td>Zone 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sorbus aucuparia</th>
<th>Mountain Ash</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Native</td>
</tr>
<tr>
<td></td>
<td>Small tree or shrub</td>
</tr>
<tr>
<td></td>
<td>White spring blossoms</td>
</tr>
<tr>
<td></td>
<td>Bright red berries</td>
</tr>
<tr>
<td></td>
<td>Attractive bark</td>
</tr>
<tr>
<td></td>
<td>Some shade tolerance</td>
</tr>
<tr>
<td></td>
<td>Rich moist soil</td>
</tr>
<tr>
<td></td>
<td>Zone 2</td>
</tr>
</tbody>
</table>
PIN CHERRY / MAYDAY

*Prunus Species*

<table>
<thead>
<tr>
<th>Species</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Prunus maackii Amur Cherry</td>
<td>Lush green foliage, Yellow fall colour, White spring blossoms, Bronze bark / winter effect, Dark red to black cherries, Height 7m / Spread 5m, Moderate to rich soil, Maintain water, especially spring and fall, Zone 2</td>
</tr>
<tr>
<td>Prunus padus comutata Mayday (European Bird Cherry)</td>
<td>Early lush green foliage, Orange fall colour, Attractive bark, White/Pale pink spring flowers, Black Cherries, Maintain moisture, Height 8m / Spread 6m, Zone 2</td>
</tr>
<tr>
<td>Prunus pensylvanica Pin Cherry</td>
<td>Alberta Native, Lush oval shaped leaves, Orange fall colour, Attractive reddish bark, White blossoms, Edible red cherries, Maintain moisture, Height 5m / Spread 3m, Zone 2</td>
</tr>
<tr>
<td>Prunus virginiana “Shubert” Shubert Chokecherry</td>
<td>Purple leaves, White blossoms, Black cherries, Maintain moisture, Height 8m / Spread 4m, Zone 2</td>
</tr>
</tbody>
</table>
**MAPLE**

*Acer Species*

*Acer ginnala*  
**Amur Maple**  
Alberta Native  
Green, three lobed toothed leaves  
Bright red fall colour  
Needs wind shelter  
Acidic well drained soil  
Height 5m / Spread 3m  
Zone 2-3

**TAMARACK / LARCH**

*Larix Species*

*Larix laricina*  
**Tamarack Larch**  
Native  
Deciduous needles  
Fresh green spring colour  
Vibrant gold fall colour  
Narrow pyramidal shape  
Retains cones over winter  
Height 12m / Spread 3m  
Prefers boggy ground  
Zone 1

*Lariz sabirica*  
**Siberian Larch**  
Mid Sized Tree  
Deciduous needles  
Fresh green spring colour  
Vibrant gold fall colour  
Broad pyramidal shape  
Retains cones over winter  
Adapts well to dry land sites  
Zone 1
## PART 2: CONIFEROUS TREES

### SPRUCE

*Picea Species*

<table>
<thead>
<tr>
<th>Species</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Picea engelmannii</td>
<td><strong>Engleman Spruce</strong>&lt;br&gt;Native&lt;br&gt;Blue foliage&lt;br&gt;Pyramidal shape&lt;br&gt;Drought tolerance&lt;br&gt;Height 60m / Spread 15m&lt;br&gt;Longevity 500 years&lt;br&gt;Zone 2</td>
</tr>
<tr>
<td>Picea pungens glauca</td>
<td><strong>Colorado Blue Spruce</strong>&lt;br&gt;Blue foliage&lt;br&gt;Pyramidal shape&lt;br&gt;Specimen tree&lt;br&gt;Slow growing&lt;br&gt;Some drought tolerance&lt;br&gt;Zone 2</td>
</tr>
<tr>
<td>Picea glauca</td>
<td><strong>White Spruce</strong>&lt;br&gt;Native&lt;br&gt;Needles glaucous green&lt;br&gt;Pyramidal shape&lt;br&gt;Very hardy&lt;br&gt;Height 20m / Spread 5m&lt;br&gt;Some drought tolerance&lt;br&gt;Zone 1-2</td>
</tr>
<tr>
<td>Picea pungens</td>
<td><strong>Colorado Spruce</strong>&lt;br&gt;Green needles&lt;br&gt;Pyramidal shape&lt;br&gt;Drought tolerance&lt;br&gt;Height 15m / Spread 5m&lt;br&gt;Zone 2</td>
</tr>
</tbody>
</table>
**PINE**
*Pinus Species*

**Pinus contorta latifolia**  
Lodgepole Pine  
Native  
Green twisted needles  
Tall slender tree  
High drought tolerance  
Height 12m / Spread 3m  
Zone 1-2

**Pinus aristata**  
Bristlecone Pine  
Deep green needles with white flecks  
Long living  
Slow growing  
Asymmetrical  
Drought tolerance  
Zone 2
PART 3: SHRUBS

BUFFALOBERRY
Shepherdia sp.

Shepherdia argentea  Silver Buffaloberry
Ornamental red fruit, on thorny female shrubs
Silver foliage
Height 4m / Spread 3m
Zone 2

BURNING BUSH
Euonymus sp.

Euonymus nana ‘Turkestanica’ Turkestan Burning Bush
White Spring flowers
Dark green oblong foliage
Full sun or partial shade
Very showy red foliage in fall
Height 1m / Spread 1m
Zone 2

CARAGANA
Caragana sp.

Caragana arborescens  Siberian Pea-Tree
Yellow, pea-like flower clusters in May
Slender seed pods
Self-seeds easily, and will spread vigorously
Useful for tall hedging and responds well to pruning
Sun or partial shade
Dry soils
Wind tolerant
Very hardy
Height 12ft / Spread 12ft
Zone 1
**Caragana arborescens ‘Pendula’**  
**Weeping Caragana**  
Grafted weeping form with oval leaves  
Yellow, pea-like flower clusters in May  
Slender seed pods  
Sun or partial shade  
Thorny branches  
Height 1m / Spread 2m  
Zone 2

**Caragana frutex ‘Globosa’**  
**Globe Caragana**  
Dark Green foliage  
Grows in globe shape that requires little pruning  
Yellow, pea-like flower clusters in May  
Slender seed pods  
Sun or partial shade  
Height 1m / Spread 1m  
Zone 2

**Caragana pygmae**  
**Pygmy Caragana**  
Yellow, pea-like flowers up underside of branches  
Spiny branches make for good barrier shrub  
Tolerates poor soil, wind, and drought conditions  
Good for mass plantings  
Height 1m / Spread 2m  
Zone 1

**CHERRY**  
*Prunus sp.*

**Prunus x cistena**  
**Purple-Leaf Sand Cherry**  
Dark purple leaves and bark  
Contrasting light pink flowers in Spring  
Prefers full sun and well-drained soil  
Height 2m / Spread 1.5m  
Zone 3

**COTONEASTER**  
*Cotoneaster sp.*

**Cotoneaster horizontalis**  
**Spreading Cotoneaster**  
Dark green foliage, spreading habit  
Bright orange and red in fall  
Black berries  
Height 1.5ft / Spread 4-6ft  
Zone 2
**Cotoneaster acutifolius**  
Peking Cotoneaster  
Dark green foliage  
Bright red in fall  
Black berries  
Height 6-10 ft / Spread 6-10ft  
Zone 2

**Cotoneaster integerrimus**  
European Cotoneaster  
Small red persistent fruit in fall  
Leaves turn bright red in fall  
Height 1.5m / Spread 1.5m  
Zone 2

**CRANBERRY**  
*Viburnum sp.*

**Viburnum trilobum**  
American Highbush Cranberry  
Showy white flowers  
Edible red fruit  
Bright red fall foliage  
Sun or partial shade  
Height 3 m / Spread 2m  
Zone 2

**CURRANT**  
*Ribes sp.*

**Ribes alpinum**  
Alpine Currant  
Light green leaves  
Ornamental red berries on female plants  
Good for mass plantings  
Requires pruning of deadwood in spring  
Height 4-5 ft / Spread 4-5ft  
Zone 2

**Ribes aureum**  
Golden Flowering Currant  
Black berries  
Scarlet foliage in fall  
Height 1.5m / Spread 1.5m  
Zone 2
Ribes nigrum  **Black Currant**  
White flowers in spring  
Black edible berries in late summer  
Excel in irrigated and full sun areas  
Height 1m / Spread 1m  
Zone 3

Ribes sativum  **Red Currant**  
White flowers in spring  
Edible sweet and tart red berries in late summer  
Excel in irrigated and full sun areas  
Height 1m / Spread 1m  
Zone 3

**DOGWOOD**  
*Comus sp.*

*Cornus alba* ‘Sibirica’  **Siberian Coral Dogwood**  
Bright green leaves and bright red bark  
White flowers in Spring  
Clusters of white berries in fall  
Scarlet red fall colour  
Moist soil, partial shade  
Height 2m / Spread 2m  
Zone 3

*Comus sericea/stolonifera*  **Red Osier Dogwood**  
Bright green leaves and red bark  
Crimson red fall colour  
Height 2m / Spread 2m  
Zone 3

**ELDER (ELDERBERRY)**  
*Sambucus sp.*

*Sambucus racemosa*  **Red-Berried Elder**  
Green foliage with dark stems  
White flowers in spring and red berries in summer  
Height 8-12ft / Spread 8-12ft  
Zone 3

*Sambucus Canadensis ‘Aurea’*  **Golden Elder**  
Golden yellow foliage and black berries  
Height 3m / Spread 2m  
Zone 3
FALSE SPIREA
Sorbaria sorbifolia

*Sorbaria sorbifolia*  
False Spirea  
Thicket forming shrub  
Large plumes of white flowers in spring  
Best used in large landscapes  
Height 2m / Spread 2m  
Zone 2

HONEYSUCKLE
Lonicera sp.

*Lonicera caerulea edulis*  
Sweetberry Honeysuckle  
Yellowish-white flowers  
Sweet, edible blue berries  
Bright green, soft looking foliage  
Very dense looking with globe shape  
Height 4-5ft / Spread 4-5ft  
Zone 3

*Lonicera maximowiczi var. sachalinensis*  
Sakhalin Honeysuckle  
Dark reddish-purple flowers in spring  
Red berries in late summer  
Foliage turns golden yellow in fall  
Height 6-8ft / Spread 6-8ft  
Zone 3

*Lonicera tartarica ‘Arnold Red’*  
Arnold Red Honeysuckle  
Dark red flowers  
Buish-green foliage  
Tiny, bright red berries  
Resistant to aphids  
Height 10-12ft / Spread 12ft  
Zone 3

JUNIPER
Juniperus sp.

*Juniperus horizontalis*  
Blue Chip

Blue Prince
**LILAC**
*Syringa sp.*

*Syringa vulgaris*  
‘Madame Lemoine’  
**Madame Lemoine Lilac**  
White flowers  
Shiny dark green leaves  
Suckers vigorously  
Zone 3

*Syringa microphylla*  
**Little-leaf Lilac**  
Dwarf, compact shrub  
Small, fragrant, lavender flowers  
Height 1m / Spread 1.5m  
Zone 3

*Syringa x prestoniae*  
‘Donald Wyman’  
**Donald Wyman Lilac**  
Zone 2

*Syringa villosa*  
**Villosa (Late) Lilac**  
Non-suckering  
Drought tolerant  
Lavender flowers bloom later in season  
Zone 2

**MOCK ORANGE**
*Philadelphus lewisii*

*Philadelphus x ‘Galahad’*  
**Galahad Mock Orange**  
White fragrant flowers in early Spring  
Specimen shrub  
Prefers full sun  
Height 1.5m / Spread 1.5m  
Zone 2

**MUGHO PINE**
*Pinus mugo*

*Pinus mugo mughus*  
**Mugho Pine**  
Hardy coniferous shrub  
Height 3m / Spread 2m  
Zone 1

*Pinus mugo pumilio*  
**Dwarf Mugho Pine**  
Hardy dwarf, coniferous shrub  
Height 1m / Spread 1.5m  
Zone 1
**PLUM**
*Prunus sp.*

*Prunus triloba ‘Multiplex’*  
**Double Flowering Plum**
- Double pink flowers, very showy
- Specimen shrub
- Bright green foliage with dark stems
- Height 2m / Spread 1.5m
- Zone 3

*Prunus tenella*  
**Russian Almond**
- Rose pink flowers in early May
- Specimen shrub
- Bright green foliage
- Height 2m / Spread 1.5
- Zone 3

**POTENTILLA**
*Potentilla Fruticosa*

Potentilla fruticosa  
**Coronation Triumph**

Goldfinger

*Gold Drop*

Jackman

**ROSE**
*Rosa sp.*

*Rosa acicularis*  
**Prickly (Native) Rose**
- Single pink flowers and prickly foliage
- Edible rose hips
- Height 1m / Spread 1m
- Zone 1

*Rosa ‘Blanc de Coubert’*  
**Blanc de Coubert**
- Double white blooms, very fragrant
- Disease resistant
- Blooms all summer
- Scarlet rosehips
- Height 1.5m / Spread 1.5m
- Zone 3
### Rosa ‘Hansa’
**Hansa Rose**
- Double fushia red blooms, very fragrant
- Disease resistant
- Blooms all summer
- Large, red rosehips
- Longest-lived rose
- Height 1.5m / Spread 1.5m
- Zone 1

### Rosa ‘Persian Yellow’
**Persian Yellow Rose**
- Double yellow blooms
- Small, dark green leaf
- Height 2m / Spread 1.5 m
- Zone 2

### SASKATOON
**Amelanchier alnifolia**

**Amelanchier alnifolia ‘Northline’**
**Northline Saskatoon**
- White flowers in spring
- Edible Saskatoon berries
- Orange autumn leaf colour
- Better fruit production in full sun and irrigation
- Height 3m / Spread 2m
- Zone 2

**Smokey Saskatoon**

**Honeywood Saskatoon**

**Pembina Saskatoon**

### SNOWBERRY
**Symphoricarpos albus**

**Symphoricarpos albus**
**Snowberry**
- Light pink flowers
- Pearly white berries
- Prefers full sunlight or partial shade
- Tolerant of heavy clay soils
- Height 1m / Spread 1m
- Zone 2
**SPIREA**  
*Spirea sp.*

*Spirea x vanhouttei*  
‘Bridal Wreath’  
Bridal Wreath Spirea  
Prefers full sunlight  
Arching branches  
Shining white flowers trailing downwards  
Height 2m / Spread 2m  
Zone 3

Frobelli  
Goldflame  
Goldmound  
Anthony Waterer

**WILLOW**  
*Salix sp.*

*Salix brachycarpa*  
Blue Fox Willow  
Zone 2

*Salix pentandra*  
Laurel-leaf Willow  
Shiny dark leaves with golden stems  
Fast growing  
Keeps leaves late into fall  
Zone 3

*Salix salicola*  
Polar Bear Willow  
Furry, silvery-white foliage  
Height 10-12ft / Spread 10-12ft  
Zone 2

**WOLF WILLOW (SILVERBERRY)**  
*Elaeagnus commutata*

*Elaeagnus commutata*  
Wolf Willow or Silverberry  
Drought tolerant  
Spreads vigorously  
Fragrant, tiny yellow flowers in spring  
Silver ornamental fruit over winter  
Height 2m / Spread 2m  
Zone 2