

A Landowners Guide to Native Woody Species of Southcentral Ontario

Species Information Table

Source: Trees in Canada, Shrubs of Ontario, OMNR NHIC listings - compiled November 2001 by Forest Gene Conservation Association for www.fgca.net

Other Notes:

ref - generally known to be suited for open site reforestation efforts

Ontario's Endangered Species Act Listings

EXP - Extirpated END - Endangered THR - Threatened SC - of special concern
(updated September 2010)

For a list of species in your local area, go to the website www.fgca.net

Shade Tolerance

1 = very tolerant
2 = tolerant
3 = mid-tolerant
4 = intermediate
5 = intolerant
6 = very intolerant

Drainage:

X = most common
o = less common
1 = very rapid
2 = rapid
3 = well drained
4 = moderately well-drained
5 = imperfectly drained
6 = poorly drained
7 = very poorly drained

Soils:

Sand - light, coarse soil
Sandy Loam
Loam
Clay Loam
Clay - heavy, fine soil

O = Organic = muck, peat
S = Shallow < 12 inches deep

Spp Type	Other Notes	SPECIES		Growth Habit	Mature Size in metres	Shade tolerance		Drainage							Soils					Organic	Shallow						
						1= very tolerant to 6= very intolerant						1 = very rapid to 7 = very poor							coarse/light			to fine/heavy					
						1	2	3	4	5	6	1	2	3	4	5	6	7	Sand			S-Loam	Loam	Cl-Loam	Clay		
Common Name		Scientific Name																									
Evergreen trees	ref	Balsam Fir	Abies balsamea	tree	25 m	■				■		X	X	X	X	X	X	X									
	ref	Eastern Red Cedar	Juniperus virginiana	tree	10 m						■		X	X	X	X											S
	ref	Black Spruce	Picea mariana	tree	20 m																				O		
		Red Spruce	Picea rubens	tree	25 m	■	■					X	X	X	X											O	S
	ref	White Spruce	Picea glauca	tree	25 m		■	■	■			X	X	X	X	X	X										S
	ref	Eastern White Pine	Pinus strobus	tree	30 m			■	■			X	X	X												O	S
	ref	Jack Pine	Pinus banksiana	tree	20 m					■		X	X	X													S
	ref	Pitch Pine	Pinus rigida	tree	20 m						■	X	X	X													S
	ref	Red Pine	Pinus resinosa	tree	25 m					■		X	X	X	X												
	ref	Eastern White Cedar	Thuja occidentalis	tree	15 - 25 m	■						X	X	X	X	X	X	X								O	S
		Eastern Hemlock	Tsuga canadensis	tree	30 m	■						X	X	X	X	X										S	
Deciduous trees		Black Maple	Acer saccharum spp nigrum	tree	35 m	■						X	X														
		Manitoba Maple	Acer negundo	tree	20 m		■	■	■			X	X	X	X	X										O	
	ref	Red Maple	Acer rubrum	tree	25 m		■	■	■																	O	
	ref	Silver Maple	Acer saccharinum	tree	35 m		■	■	■																	O	
		Sugar Maple	Acer saccharum	tree	35 m	■						X	X														
		Ohio Buckeye	Aesculus glabra	tree	15 m		■	■	■	■																	
	END	Cherry Birch	Betula lenta	tree	20 m					■		X	X	X	X	X											S
		Grey Birch	Betula populifolia	tree	12 m					■		X	X	X	X	X	X										
		Mountain Paper Birch	Betula cordifolia	tree	25 m						■	X	X	X	X	X											
		White Birch	Betula papyrifera	tree	25 m						■	X	X	X	X	X	X									O	S
		Yellow Birch	Betula allegheniensis	tree	25 m			■	■			X	X	X	X	X	X										
		Blue Beech	Carpinus caroliniana	tree	8 m	■						X	X	X	X	X										O	
		Big Shellbark Hickory	Carya laciniosa	tree	30 m	■						X	X	X	X	X											
	ref	Bitternut Hickory	Carya cordiformis	tree	25 m			■	■	■																	S
		Pignut (Red) Hickory	Carya glabra	tree	20 m					■		X	X	X	X	X											

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						coarse/light					to fine/heavy					Sand	S-Loam	Loam	Cl-Loam	Clay							
						1	2	3	4	5	6	1	2	3	4						5	6	7				
Common Name	Scientific Name																										
		Pear Hawthorn	<i>Craetagus calpodendron</i>	large shrub or small tree	6-8 m					?			X	X													
		Scarlet Hawthorn	<i>Craetagus coccinea</i>	shrub	10 m					?			X	X													
		Western Hawthorn	<i>Craetagus douglasii</i>	large shrub or small tree	>10m					■			X	X	o	o	o										
		Bush Honeysuckle	<i>Diervilla lonicera</i>	low shrub	< 1 m		■						X	X	X												
		Leatherwood	<i>Dirca palustris</i>	low shrub	<2 m	■							X	X	X												
		Burning-bush Euonymus	<i>Euonymus atropurpurea</i>	erect shrub	4.5-6 m			?					X	X	X	X											
		Witch-hazel	<i>Hamamelis virginiana</i>	large shrub or small tree	4.5-6 m					?			X	X													
		Winterberry	<i>Ilex verticillata</i>	erect shrub	3-4 m					?						X	X									O	
		Spicebush	<i>Lindera benzoin</i>	spreading shrub	<=3 m	■							X	X	X	X	X										
		Fly Honeysuckle	<i>Lonicera canadensis</i>	erect shrub	1.5 m		■						X	X	X												
		Glaucous Honeysuckle	<i>Lonicera dioica</i>	shrub or woody vine	>3 m								X	X	X												
		Mountain Fly Honeysuckle	<i>Lonicera villosa</i>	low shrub	< 1 m				■	■			X	X	X	X	X	X								O	
		Swamp Fly Honeysuckle	<i>Lonicera oblongifolia</i>	erect shrub	1-1.5 m				■	■			X	X	X	X											
		Wild Crab Apple	<i>Malus coronaria</i>	large shrub or small tree	10 m					?	?		X	X	X												
		Mountain holly	<i>Nemopanthus mucronata</i>	erect shrub	3 m					?	?					X	X									O	
		Ninebark	<i>Physocarpus opulifolus</i>	spreading shrub	2-3 m					?	?		X	X	X	X	X									S	
		Shrubby cinquefoil	<i>Potentilla fruticosa</i>	low shrub	< 1 m					?			X	X	X	X	X	X									S
		Three toothed cinquefoil	<i>Potentilla tridentata</i>	postrate herb	5-20 cm					?	?		X	X	X												S
		Canada plum	<i>Prunus nigra</i>	large shrub or small tree	7-10 m					?	?		X	X	X	X	X										
		Chokecherry	<i>Prunus virginiana</i>	large shrub or small tree	-3 m (10 m)		■						X	X	X	X	X										
		Pin Cherry	<i>Prunus pennsylvanica</i>	large shrub or small tree	12 m					■			X	X	X	X	X										
		Sandcherry	<i>Prunus pumila</i>	prostrate or low shrub	2 m					■			X	X	X	X	X	X							O	S	
		Wild plum	<i>Prunus americana</i>	large shrub or small tree	8-10 m					?	?		X	X	X	X	X										
THR		Common Hoptree	<i>Ptelea trifoliata</i>	large shrub or small tree	5 m +					■			X	o	o											S	
		Dwarf Chinquapin Oak	<i>Quercus prinoides</i>	large shrub or small tree	3 m					■			X	X													
		Alder-leaved buckthorn	<i>Rhamnus alnifolia</i>	shrub	< 1 m			?	?	?						X	X	X							O		
		Fragrant sumac	<i>Rhus aromatica</i>	low shrub	<1.5 m					■			X	X	X												S

