

Rideau Valley Conservation Authority's Shoreline Naturalization Program Species Availability List

Common Name	Latin Name	Growth	Full Grown Size	Soil Requirements				Sunlight Requirements			Moisture Requirements				Notes
				Sand	Clay	Loam	Organic	Full Sun	Partial Shade	Shade	Wet	Moist	Inter-mediate	Dry	
Black Elderberry	<i>Sambucus canadensis</i>	S	1-4 m	✓	✓	✓	✓	✓	✓		✓	✓			White flowers, purple berries, berries edible when cooked
Bush Honeysuckle	<i>Diervilla lonicera</i>	S	30-100 cm	✓		✓		✓	✓	✓			✓	✓	Yellow/red/orange flowers, spreads
Buttonbush	<i>Cephalanthus occidentalis</i>	S	up to 4 m	✓	✓	✓	✓	✓	✓		✓	✓			Showy white flowers
Dogwood, Gray	<i>Cornus racemosa</i>	S	1-4 m	✓	✓	✓		✓	✓			✓	✓	✓	White flowers, white seeds
Dogwood, Red Osier	<i>Cornus stolonifera</i>	S	1.5-4 m	✓	✓	✓		✓	✓		✓	✓	✓		White flowers, white berries, red bark
Highbush Cranberry	<i>Viburnum trilobum</i>	S	2-4 m	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		White flowers, red/orange berries
Nannyberry	<i>Viburnum lentago</i>	S	4-7 m	✓	✓	✓	✓	✓	✓		✓	✓			White flowers, red berries
Ninebark	<i>Physocarpus opulifolius</i>	S	2-3 m	✓		✓		✓	✓		✓	✓	✓	✓	White flowers, drought tolerant
Smooth Arrowwood	<i>Viburnum recognitum</i>	S	2-5 m	✓	✓	✓		✓	✓		✓	✓	✓	✓	White flowers, blue berries
Sweet Gale	<i>Myrica gale</i>	S	0.5-1.5 m	✓			✓	✓			✓	✓	✓		Leaves have pleasant odour
Willow, Bebb's	<i>Salix bebbiana</i>	S	1-5 m	✓	✓	✓		✓	✓		✓	✓			Fast growing, tolerant of compaction
Willow, Pussy	<i>Salix discolor</i>	S	2-8 m	✓	✓	✓		✓			✓	✓			Tolerant of compaction
Willow, Sandbar	<i>Salix exigua</i>	S	1.5 -3.5 m	✓	✓	✓		✓			✓	✓			Tolerant of drought and compaction, narrow leaves, spreads extensively forming dense clumps on sandy lakeshores, floodplains, riverbanks, edges of swamps and shallow ponds
Alternate Leaf Dogwood	<i>Cornus alternifolia</i>	S, T	4-8 m			✓			✓	✓		✓	✓		White flowers, black/blue berries, shade tolerant, large shrub, small tree
Black Willow	<i>Salix nigra</i>	S, T	3-30 m	✓	✓	✓		✓	✓		✓	✓			Fast growing, tolerant of salt and compaction. Roots dense and spreading, Moist to wet habitats, on floodplains and in swamps, low meadows.
Peachleaf Willow	<i>Salix amygdaloides</i>	S, T	3-20 m	✓	✓	✓		✓	✓			✓			Tolerant of salt and compaction. drooping branch tips, responds well to pruning, dense roots , slender, lance shaped leaves.
Serviceberry	<i>Amelanchier sp.</i>	S, T	4-10 m	✓	✓	✓		✓	✓			✓	✓	✓	White flowers
Speckled Alder	<i>Alnus incana rugosa</i>	S,T	2-4 m	✓		✓	✓	✓	✓			✓			Inconspicuous flowers and fruit
Staghorn Sumac	<i>Rhus typhina</i>	S, T	1-8 m	✓	✓	✓		✓					✓	✓	Tolerant of drought and salt, showy red fruit, rapid spreader
Black Walnut	<i>Juglans nigra</i>	T	19-30+ m	✓	✓	✓		✓	✓			✓	✓		Deciduous tree, roots produce juglone, toxic to some plants. Nuts edible.
White Birch	<i>Betula papyrifera</i>	T	6-30 m	✓		✓		✓	✓			✓	✓	✓	Deciduous tree, fast growing, white and peeling bark, tolerant of salt
Chokecherry	<i>Prunus virginiana</i>	T	4-8 m	✓	✓	✓		✓	✓	✓		✓	✓		White flowers, purple/red berries, small tree
Eastern White Cedar	<i>Thuja occidentalis</i>	T	9-16 m	✓	✓	✓		✓	✓		✓	✓	✓		Coniferous tree, prefers lowlands but drought tolerant once established.
Eastern Hemlock	<i>Tsuga canadensis</i>	T	11-18 m	✓		✓			✓	✓		✓	✓		Must be sheltered from wind and sun
Larch (Tamarack)	<i>Larix laricina</i>	T	15-25 m	✓	✓	✓	✓	✓			✓	✓	✓		Coniferous tree, needles turn yellow and drop in fall.
Maple, Hard (Sugar)	<i>Acer Saccharum</i>	T	20-35 m	✓	✓	✓		✓	✓	✓			✓		Deciduous tree, Yellow/red/orange fall colours

Species Availability List Conintued

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Maple, Red	<i>Acer rubrum</i>	T	12-25 m	✓	✓	✓		✓	✓		✓	✓		Red leaves in fall, tolerant of compaction	
Maple, Silver	<i>Acer saccharinum</i>	T	19-30+ m	✓	✓	✓		✓	✓		✓	✓	✓	Fast growing, may be yellowish on acidic soils suitable on floodplains	
Oak, Burr	<i>Quercus macrocarpa</i>	T	12-18 m	✓	✓	✓		✓				✓	✓	✓	Slow growing, tolerant of compaction, good shade tree
Oak, Red	<i>Quercus rubra</i>	T	19-30+ m	✓	✓	✓		✓	✓			✓	✓	✓	Raw acorns poisonous to cattle, provides food for wildlife, attractive, disease resistant shade tree, Variable tolerance but prefers dry, sunny slopes
Oak, White	<i>Quercus alba</i>	T	19-30+ m	✓		✓		✓	✓				✓	✓	Difficult to transplant
Pine, Eastern White	<i>Pinus strobus</i>	T	up to 30 m	✓		✓		✓	✓			✓	✓	✓	Coniferous tree, needles in bunches of five.
Spruce, White	<i>Picea glauca</i>	T	20-30 m	✓	✓	✓		✓	✓			✓	✓		Coniferous tree, needles are bluish green to green in colour
Virginia Creeper	<i>Parthenocissus quinquefolia</i>	V	n/a	✓	✓	✓		✓	✓			✓	✓		Climbing vine, blue berries, leaves deep red in fall, can be used for erosion control, prefers moist, open areas along streams but is tolerant of shade and drier conditions.

T= Tree S= Shurb V= Vine

Please note that species availability can vary from year to year