

# Planning Guide

What are the objectives of the area to be managed?  
*e.g., songbirds, animals, winter visitors*

What is the soil type?  
*e.g., sand, loam clay*

What is the pH?  
*e.g., 6.5, 7.0*

What are the moisture conditions?  
*e.g., dry, well drained, moist, poorly drained*

What trees or shrubs are available for cover nearby?  
*e.g., white pine, cedar, raspberries,*

What trees or shrubs available on site as food?  
*e.g., white ash, nannyberry, staghorn sumac, raspberries, hawthorn*

Is it necessary to plant shrubs?  
If yes, what shrubs would be suitable?

# Selected References

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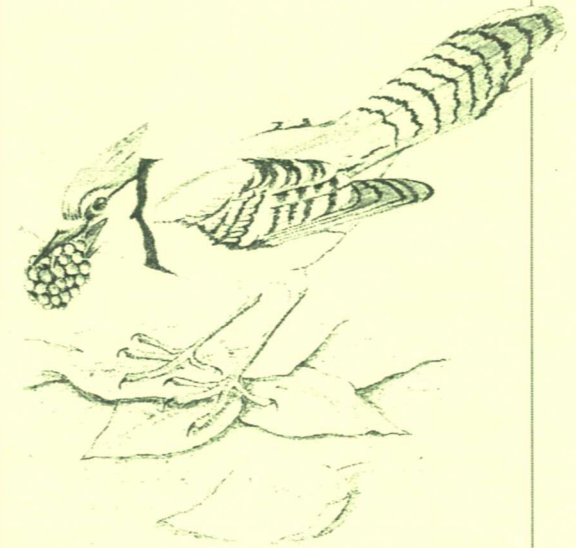


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# Shrubs for Wildlife

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environnementale d'Ottawa



Ministry of Natural Resources  
Ministère des Richesses naturelles

# Selected Ontario Shrubs: Site Requirements and Use by Wildlife

	Soil	Range	Moisture	Light	Growth Form	Use by Wildlife
<b>Highbush Cranberry</b> <i>Viburnum trilobum</i>	fertile soil, either acid or alkaline	north to James Bay and Sioux Lookout growth in moist sites	well drained to moist but not dry, greatest	does well in full sun, will grow in shade	tall shrub, 2 to 4 m	useful as a winter subsistence food, eaten primarily after berries have frozen and thawed
<b>Red Osier Dogwood</b> <i>Cornus sericea</i> L. <i>ssp. sericea</i>	fertile soils are best; optimum pH 5 to 6	north to James Bay and Sioux Lookout	best in moist to wet sites	full sun	small shrub, usually less than 3m	93 species of songbirds eat the berries; deer, moose, rabbits and hare browse twigs; good for stream bank planting; important cover plant for grouse and woodcock
<b>Gray Dogwood</b> <i>Cornus racemosa</i>	very wide range of soil; pH 4.6 to 7.8	generally south of the Laurentian shield	best in moist sites, will tolerate dry conditions	full sun is best, some shade is tolerated	small shrub, 1 to 2 m	
<b>Nannyberry</b> <i>Viburnum lentago</i>	should be moderately fertile	north to Cochrane and Sioux Lookout	does well in poorly drained sites	full sun is best, will grow in shade	tall shrub, 4 to 7 m	many birds eat the berries; browsed by rabbits and deer
<b>Black Elderberry</b> <i>Sambucus nigra ssp. canadensis</i>	does best in well drained soil, sandy to loamy, pH 5.5 to 6 is optimum	north to Sault Ste. Marie and North Bay	well drained is best, will grow in moist areas	full sun is best, will grow in shade	shrub, 1 to 4 m	50 species of songbirds feed on the berries; browsed by rabbits, deer, and moose; red squirrels, chipmunks and mice eat the berries
<b>Hawthorns</b> <i>Crataegus spp.</i>	best in deep fertile soil, will tolerate a wide range of soil types	will grow north to Sudbury but does best south of Parry Sound	best in dry to well drained areas	does poorly in shade, best in full sun	small tree, 6 to 9 m 5 to 8 cm thorns	favourite food for 25 species of birds including grosbeaks and grouse; provides excellent nesting sites; sometimes browsed by rabbits and deer
<b>Sumac</b> <i>Rhus typhina</i>	can grow in very poor soil, optimum pH 5-6	will grow north to Sudbury but does best south of Parry Sound	well drained to dry	full sun is best, will grow in shade	groups of small trees, 2 to 5 m	30 species of songbirds eat the fruit; winter food for deer and rabbits
<b>Raspberry</b> <i>Rubus spp.</i>	very wide variety of soil types, can grow almost anywhere	some varieties north to Cochrane and Sioux Lookout	well drained but needs adequate moisture to become established	full sun is best, will grow in shade	brambles, less than 1.6 m; thick clusters	excellent summer food for wildlife, many birds, raccoons, chipmunks, and squirrels eat the fruit; rabbits and deer eat the stems, much value as cover for rabbits and birds
<b>Chokecherry</b> <i>Prunus virginiana</i>	best in rich, well drained, moist soil, optimum pH 6-8	north to Cochrane and Sioux Lookout	well drained to moist is best	full sun is best, will grow in open woods	small tree, 4 to 8 m	70 species of birds feed on the berries; small mammals eat berries and bark; browsed by rabbits
<b>Pincherry</b> <i>Prunus pensylvanica</i>	any soil, optimum pH 5-6	north to Cochrane and Sioux Lookout	well drained is best, will grow in moist sites	full sun, will persist in semi-shade	small tree, 6 to 11 m	25 species of birds feed on the berries; small mammals eat berries and bark