

17 - MacBain Park



Table 17- MacBain Park

Site 17 MacBain Park

General Description

MacBain Park is northeast of the Montrose-McLeod Rd. intersection and includes the MacBain Recreation Centre, a stormwater retention pond, playground with splash pad, skateboard facility and a natural area extending north along Kinsmen Ct. A lovely paved trail extends around the storm water pond, along Montrose Rd. and around the playground and splash pad.

An informal unimproved trail extends up onto a rocky berm along the west side of the forested area, and then continues onto the adjacent property to the north. A steep rocky slope separates the forested area from this informal trail. Access to the forested area is very difficult due to the steep slope and density of the understorey.

Polygon 1

Much of the understorey consists of undesirable invasive shrub species such as privet and buckthorn. The forest canopy is dominated by ash trees which are likely to disappear in upcoming years if the emerald ash borer continues to spread. The only desirable tree species of note were a number of tall oak trees (pin oak, bur oak and possibly swamp white oak) along Kinsmen Ct. As a result, in a few years, the forest canopy will likely diminish and be replaced by an impregnable tangle of bushes.

Recommendations

1. Remove the invasive species in the understorey of the forest area in order to open it up and allow tree species to grow more readily. After removal of invasive species has occurred, monitoring is necessary to ensure that these plants do not re-establish themselves. The techniques used for the removals shall be tailored to the invasive species being removed and be in accordance with industry standards.
2. In conjunction with the removal of invasive shrubs, plant a variety of species of native trees such as oaks and maples.
3. Hazard trees shall be dropped where there is the likelihood that they may cause harm to people and/or private/public property. These trees shall not be removed from the woodland and will be allowed to decompose on the woodland floor. Not all dead trees are hazard trees. If the tree does not pose a risk to causing harm to people and/or property it should be left as is. These trees can become important habitat to many species of wildlife.
4. To raise awareness of the woodland features and functions, informative signage should be put on site. The signage should be installed near a main trail or access point to the woodland.
5. Planting projects should be considered as a way to expand and further connect the wooded area and to provide community building activities (e.g. community plantings and

workshops to educate the public about the wooded areas, flora and fauna species.) The MacBain Community Center should be viewed as an asset to preserve this park.



Figure 1- MacBain forested area. Credit: NF Nature Club

MacBain Park Plant Species Inventory

Legend:

Layer: 1=Canopy(>10M), 2=Sub-Canopy, 3=Understory, 4=Ground Layer

Abundance: r=Rare, o=Occasional, a=Abundant, d=Dominant

Invasive Species: ai=Aggressive Invasive Species, i=Invasive Species

Old Growth: og=Old Growth

Plantation: p=Plantation Species

Federal Status: t=Threatened, v=Vulnerable, sp=Special Concern

Provincial Status: e=Endangered, t=Threatened, v=Vulnerable

Site Number	Site Name	Polygon	Layer	Species	Abundance	Invasive	Old Growth	Plantation	Federal	Provincial
17	MacBain Park	1	1	Acer x freemanii	r					
17	MacBain Park	1	1	Fraxinus pennsylvanica	d					
17	MacBain Park	1	1	Picea sp.	o					
17	MacBain Park	1	1	Pinus nigra	r					
17	MacBain Park	1	1	Pinus resinosa	r					
17	MacBain Park	1	1	Pinus sylvestris	o	i				
17	MacBain Park	1	1	Populus deltoides	a					
17	MacBain Park	1	1	Prunus serotina	o					
17	MacBain Park	1	1	Quercus macrocarpa	o					
17	MacBain Park	1	1	Quercus palustris	r					
17	MacBain Park	1	2	Crataegus sp.	o					
17	MacBain Park	1	2	Gleditsia triacanthos	d					
17	MacBain Park	1	2	Malus sp.	o					
17	MacBain Park	1	2	Malus sp.	r					
17	MacBain Park	1	2	Populus tremuloides	o					
17	MacBain Park	1	2	Prunus avium	o					
17	MacBain Park	1	2	Prunus sp.	r					
17	MacBain Park	1	2	Pyrus communis	r					
17	MacBain Park	1	2	Salix sp.	o					
17	MacBain Park	1	2	Ulmus pumila	r					
17	MacBain Park	1	3	Cornus racemosa	a					
17	MacBain Park	1	3	Cornus stolonifera	a					
17	MacBain Park	1	3	Ligustrum vulgare	a	i				
17	MacBain Park	1	3	Lonicera tatarica	a	i				
17	MacBain Park	1	3	Rhamnus cathartica	a	ai				

Site Number	Site Name	Polygon	Layer	Species	Abundance	Invasive	Old Growth	Plantation	Federal	Provincial
17	MacBain Park	1	3	Rhus typhina	o					
17	MacBain Park	1	3	Rosa sp.	r					
17	MacBain Park	1	4	Apocynum cannabinum	a					
17	MacBain Park	1	4	Asclepias syriaca	o					
17	MacBain Park	1	4	Asparagus officinalis	r					
17	MacBain Park	1	4	Centaurea sp.	o					
17	MacBain Park	1	4	Chrysanthemum leucanthemum	a					
17	MacBain Park	1	4	Cichorium intybus	o					
17	MacBain Park	1	4	Cirsium arvense	o	i				
17	MacBain Park	1	4	Cirsium vulgare	a					
17	MacBain Park	1	4	Coronilla varia	a					
17	MacBain Park	1	4	Daucus carota	o					
17	MacBain Park	1	4	Dipsacus sylvestris	a					
17	MacBain Park	1	4	Echium vulgare	o					
17	MacBain Park	1	4	Equisetum sp.	o					
17	MacBain Park	1	4	Fragaria sp.	o					
17	MacBain Park	1	4	Hypericum perforatum	o	i				
17	MacBain Park	1	4	Lotus corniculatus	a					
17	MacBain Park	1	4	Medicago lupulina	o					
17	MacBain Park	1	4	Melilotus alba	a					
17	MacBain Park	1	4	Parthenocissus sp.	a					
17	MacBain Park	1	4	Phalaris arundinacea	o	ai				
17	MacBain Park	1	4	Phragmites communis	o					
17	MacBain Park	1	4	Plantago lanceolata	o					
17	MacBain Park	1	4	Potentilla recta	o					
17	MacBain Park	1	4	Ranunculus acris	o					
17	MacBain Park	1	4	Rhus radicans	o					
17	MacBain Park	1	4	Rumex crispus	a					
17	MacBain Park	1	4	Solidago altissima	o					
17	MacBain Park	1	4	Solidago sp.	a					
17	MacBain Park	1	4	Typha sp.	o					
17	MacBain Park	1	4	Vicia sp.	o					
17	MacBain Park	1	4	Vitis sp.	o					

MacBain Park Disturbance Report

Site	Polygon	Disturbance / Extent	Total Score
17 MacBain Park	1	Alien Species / Extent Of Alien Species	9
17 MacBain Park	1	Beaver Activity / Extent Of Beaver Activity	0
17 MacBain Park	1	Browse (e.g. Deer) / Extent Of Browse	1
17 MacBain Park	1	Disease/Death Of Trees / Extent Of Disease/Death	4
17 MacBain Park	1	Dumping (rubbish) / Extent Of Dumping	1
17 MacBain Park	1	Earth Displacement / Extent Of Displacement	0
17 MacBain Park	1	Fire / Extent Of Fire	0
17 MacBain Park	1	Flooding (Pools & Puddling) / Extent Of Flooding	0
17 MacBain Park	1	Gaps In Forest Canopy / Extent Of Gaps	0
17 MacBain Park	1	Ice Damage / Extent Of Ice Damage	0
17 MacBain Park	1	Intensity / Extent Of Logging	0
17 MacBain Park	1	Livestock (Grazing) / Extent Of Livestock	0
17 MacBain Park	1	Noise / Extent Of Noise	4
17 MacBain Park	1	Planting (plantation) / Extent Of Planting	0
17 MacBain Park	1	Recreational Use / Extent Of Recr. Use	1
17 MacBain Park	1	Sugar Bush Operations / Extent Of Operations	0
17 MacBain Park	1	Time Since Logging	0
17 MacBain Park	1	Tracks And Trails / Extent Of Tracks/Trails	1
17 MacBain Park	1	Wind Throw (blow Down) / Extent Of Wind Throw	0