



# 8 - Paddock Nature Park



Table 8- Paddock Nature Park

## Site 8 Paddock Nature Park

*General Description* Narrow and dense woodlot located in a subdivision between Alpine Dr. and Costable Dr.

*Polygon 1* Widespread encroachments make this site seem like part of resident's back yards and not a public space. Soil and garden dumping are very widespread. Examples of encroachments include planting of trees and other vegetation on the site. Plantings of alien and invasive species by residents backing onto the area detract from what could be a pleasant woodland space.

*Recommendations*

1. Neighbour encroachments shall be removed from the woodland. In addition to being illegal under the City parks by-law, these encroachments degrade the quality of the natural habitat and may negatively impact the public use of the lands.
2. Removal of invasive species should be done. Priority for removal shall be in areas where there is greater impact on the existing native vegetation. 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.
3. To enhance and ensure the longterm sustainability of the woodland, additional planting of native species is needed. The planting shall be of both trees and shrubs. If possible, turf grasses should be removed in the planting area to minimize competition for the new plantings. The location within the woodland will dictate whether the planting will be pioneer or climax species.
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 access point to the woodland.
5. Since the original inventory a large amount of ash trees have been removed. Public meetings or outreach should be conducted to create a plan of action for the area.





Figure 1- Encroachment. Credit: NF Nature Club



Figure 2- Planting of non-native species. Credit: NF Nature Club



Figure 3- Residents have extended their backyard into the woodland. Credit: NF Nature Club



Figure 4- Another example of encroachment. Credit: NF Nature Club

# Paddock Nature 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
8	Paddock Nature Park	1	1	Acer platanoides	a	i				
8	Paddock Nature Park	1	1	Acer saccharinum	o					
8	Paddock Nature Park	1	1	Fraxinus pennsylvanica	d					
8	Paddock Nature Park	1	1	Prunus avium	o					
8	Paddock Nature Park	1	1	Ulmus americana	o					
8	Paddock Nature Park	1	2	Carya ovata	r					
8	Paddock Nature Park	1	2	Crataegus mollis	o					
8	Paddock Nature Park	1	2	Crataegus sp.	r					
8	Paddock Nature Park	1	2	Gleditsia triacanthos var. inermis.	o					
8	Paddock Nature Park	1	2	Juniperus virginiana	r					
8	Paddock Nature Park	1	2	Liriodendron tulipifera	r					
8	Paddock Nature Park	1	2	Malus sp.	r					
8	Paddock Nature Park	1	2	Picea pungens	o					
8	Paddock Nature Park	1	2	Picea sp.	o					
8	Paddock Nature Park	1	2	Populus sp.	o					
8	Paddock Nature Park	1	2	Salix matsudana	r					
8	Paddock Nature Park	1	2	Salix sp.	r					
8	Paddock Nature Park	1	3	Cornus racemosa	a					
8	Paddock Nature Park	1	3	Lonicera tatarica	a	i		p		
8	Paddock Nature Park	1	3	Morus alba	o					
8	Paddock Nature Park	1	3	Rhamnus cathartica	a	ai				
8	Paddock Nature Park	1	3	Ribes sp.	r					
8	Paddock Nature Park	1	3	Rosa multiflora	o	i				
8	Paddock Nature Park	1	3	Rubus sp.	r					
8	Paddock Nature Park	1	4	Alliaria petiolata	o	ai				

Site Number	Site Name	Polygon	Layer	Species	Abundance	Invasive	Old Growth	Plantation	Federal	Provincial
8	Paddock Nature Park	1	4	Carex intumescens	o					
8	Paddock Nature Park	1	4	Carex lupulina	o					
8	Paddock Nature Park	1	4	Cirsium vulgare	o					
8	Paddock Nature Park	1	4	Coronilla varia	o					
8	Paddock Nature Park	1	4	Erigeron annuus	o					
8	Paddock Nature Park	1	4	Fragaria sp.	o					
8	Paddock Nature Park	1	4	Galium aparine	o					
8	Paddock Nature Park	1	4	Geum canadense	a					
8	Paddock Nature Park	1	4	Hedera helix	a	i				
8	Paddock Nature Park	1	4	Parthenocissus sp.	a					
8	Paddock Nature Park	1	4	Phalaris arundinacea	a	ai				
8	Paddock Nature Park	1	4	Solanum dulcamara	o					
8	Paddock Nature Park	1	4	Solidago canadensis	a					
8	Paddock Nature Park	1	4	Typha sp.	o					
8	Paddock Nature Park	1	4	Urtica sp.	o					
8	Paddock Nature Park	1	4	Vitis sp.	o					

## Paddock Nature Park Disturbance Report

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