

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION																					
Project Label: PCAP																					
Project Name: DINCR2013																					
Pilot Name: Duck Dynasty																					
Pilot No: 1337																					
<input type="checkbox"/> Level 4 (no nested corners sampled) <input checked="" type="checkbox"/> Level 5 (nested corners sampled)																					
Date (mm/dd/yyyy): 06/29/2013																					
End date (if > 1 day):																					
Party:	Role**																				
S. Catella	Pilot leader																				
C. Kemm																					
A. Bentkowski																					
PLOT NOT SAMPLED: <input type="checkbox"/> Other <input type="checkbox"/> Perm. water <input type="checkbox"/> Paved <input checked="" type="checkbox"/> Slope <input type="checkbox"/> Safety																					
SAMPLING QUALITY* Effort Level: subjective evaluation of how much effort put into sampling. Hurried plots may still provide good data <input type="checkbox"/> Very thorough <input checked="" type="checkbox"/> Accurate <input type="checkbox"/> Hurried																					
TAXONOMIC ACCURACY <table border="1"> <tr> <td>high</td> <td>moderate</td> <td>low</td> <td>not sampled</td> </tr> <tr> <td></td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>vascular</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>bryo</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>lichen</td> <td></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		high	moderate	low	not sampled			<input checked="" type="checkbox"/>	<input type="checkbox"/>	vascular		<input checked="" type="checkbox"/>	<input type="checkbox"/>	bryo		<input checked="" type="checkbox"/>	<input type="checkbox"/>	lichen		<input checked="" type="checkbox"/>	<input type="checkbox"/>
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bryo		<input checked="" type="checkbox"/>	<input type="checkbox"/>																		
lichen		<input checked="" type="checkbox"/>	<input type="checkbox"/>																		
TAXONOMIC STANDARD Authority: G&C Pub Date: 1998																					

LOCATION	
State: OH	County: Lake
Quadrangle:	
Local Place Names: Old River Rd.	
Reserved Picnic Area	
Landowner: CNP	
X-axis Bearing of plot:	°
Data Confidentiality:	
Check one: <input type="checkbox"/> Public data <input type="checkbox"/> Private Data	
<input type="checkbox"/> Furz 100m <input type="checkbox"/> Furz 250m <input type="checkbox"/> Furz 500m	
Reason:	
If data not public why?	
Source of coordinates: <input type="checkbox"/> MAP <input checked="" type="checkbox"/> GPS	
GPS location in plot x=0 to 5, y=0 to 5, (x,y):	
x = y = (base of plot x=0, y=0)	
Coordinate system:	Coord. Units
<input checked="" type="checkbox"/> Lat/Long <input type="checkbox"/> UTM <input type="checkbox"/> StaticPlane <input type="checkbox"/> deg <input type="checkbox"/> deg min	
<input type="checkbox"/> Other (specify):	<input type="checkbox"/> m <input type="checkbox"/> ft
Datum: <input checked="" type="checkbox"/> NAD83/WGS84 <input type="checkbox"/> NAD27	
Latitude: 41.5788	
Longitude: 81.420035	
Coord. Accuracy: <input type="checkbox"/> m <input type="checkbox"/> ft	
GPS File Name:	
Plot size for cover data: .1	(hectares)
<input type="checkbox"/> Stems not sampled on this plot <input type="checkbox"/> Stems absent	
<input type="checkbox"/> Stems present	Plot size stems: (ha)
Depth: (1-5):	
Intensive modules: 2, 3, 8, 9	(+DOT if VERTICAL)
Camera No.: C5	
Photo Nos: 715, 16	

Diagram Key: <input checked="" type="radio"/> plot origin (x,y) point <input checked="" type="radio"/> GPS location point <input type="radio"/> photo taken with direction <input type="radio"/> location of permanent plots	Plot placement: <input type="checkbox"/> Representative <input type="checkbox"/> GRTS <input type="checkbox"/> Random <input type="checkbox"/> Stratified Random
NOTES: Include Layout (any unusual shape details), Location (directions and landscape context), Rationale (why here), and Veg Characterization (description of community, dominants, strata, BROWSE). Additional notes in space on back.	
Layout: Not sampled. Could fit a 2x5 along slope. Location: Park in unnamed lot along Chagin River Rd. Hike northwest to ravine. Follow ravine around hogback to plot. Rationale: GRTS Veg. Char.: canopy - Sugar maple, red maple, Tulip, & Beech, Black maple Shrub - Tilia, Beech, Spicebush, Fox Penn, and tulip, elm also Herbs - Polystichum acrostichoides, Impatiens, Carex, Dryopteris, Polygonum virginicum	

OVER

*Definitions and values in CM PCAP FORM v. 1.0 and CVS Field Guide

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet



Project Label: PCAP

Project Name: 01N02013

Plot No.: 13347 Page 2 of 2

CLASSIFICATION

(FIT = excellent, good, fair, poor, CONF = high, med, low)

Fit and Confidence

Hydrogeomorphic class (WETLANDS ONLY):

- ☐ DEPRESSION
- ☐ IMPOUNDMENT ☐ Beaver ☐ Human
- ☐ RIVERINE ☐ Headwater ☐ Mainstem ☐ Channel
- ☐ SLOPE (ground water hydrology or on a physical slope)
- ☐ FRINGING ☐ Reservoir ☐ Natural Lake
- ☐ COASTAL (specify subclass)
- ☐ BOG (strongly, moderately, weakly ombrotrophic)

Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):

- ☐ FOREST ☐ swamp forest ☐ bog forest ☐ forest seep
- ☐ EMERGENT ☐ marsh ☐ wet meadow ☐ open bog
- ☐ SHRUB ☐ shrub swamp ☐ tall sh. bog ☐ tall sh. fen

MODIFIED NATURESERVE CLASS:

CODE (on separate form): D ~~DE~~

COMMUNITY NAME:

Mixed Forest Floodplain

LANDFORM TYPE*:

HOMOGENEITY

- ☒ Homogeneous
- ☐ Compositional trend across the plot
- ☐ Conspicuous inclusions
- ☐ Irregular/pattern mosaic

STAND SIZE

- ☐ > 1,000 x plot size
- ☐ > 100 x plot size
- ☐ 10-100 x plot size
- ☐ 3-10 x plot size
- ☒ 1-3 x plot size
- ☐ < plot size

DRAINAGE*

- ☐ Excessively drained
- ☐ Somewhat excessively
- ☐ Well drained
- ☐ Moderately well dr.
- ☐ Somewhat poorly dr.
- ☐ Very poorly dr.
- ☐ Impermeable surface

SALINITY*

- ☐ Saltwater
- ☐ Brackish
- ☐ Fresh

Upland (U/A)

DISTURBANCES

type#	severity**	yrs ago	% of plot	description
Human				
Natural	M	0	5	wading drainage area
Fire				
Cur				
Animal				
Other				

**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high

Current Land Use:

Former Land Use:

HYDROLOGIC REGIME*

- ☒ Upland (seldom flooded)
- ☐ Intermittently/seasonally saturated
- ☐ Intermittently flooded
- ☐ Seldom flooded
- ☐ Permanently/Semipermanent saturated
- ☐ Permanently flooded
- ☐ Fidal/Sciche flooded daily
- ☐ Fidal/Sciche flooded monthly
- ☐ Fidal/Sciche flooded irregularly
- ☐ Occasionally flooded (<1 yr)
- ☐ Temporarily flooded
- ☐ (e.g. wind, storms)
- ☐ Unknown

Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)

Point falls on slope ~ 10m from ravine.

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet

Page 1 of 1

Project Label: _____

PCAP

Project name: 01NVC2013

Plot no.: 1337

Total modules: _____

Intensive modules: _____

Plot area (ha): _____

Visual est. % open water entire site: _____

Visual est. %unveg. o.w. entire site: _____

Visual est. %invasives entire site: _____



Cleveland
Metroparks

Br = Browse Level. Use cover classes to describe amount of browse per species over entire plot

Estimate for the each intensive module:

%open water
%unvegetated open water
%unveg. ground (bare soil)
%unveg. litter (bare litter)

Strata - Cov. entire plot

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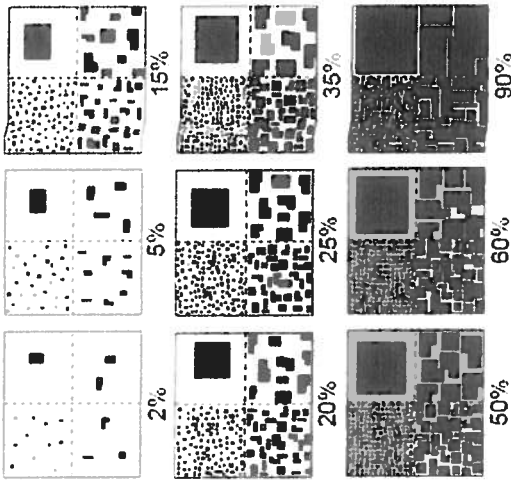
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Acer saccharum
Fagus grandifolia
Liriodendron tulipifera
Fraxinus pennsylvanica
Alnus americana
Acer rubrum
Acer nigrum
Alnus incana
Myrica asplenifolia
Impatiens sp.
Dryopteris sp.
Carex sp.
Thalictrum polygamum
Tilia americana
Lindera benzoin

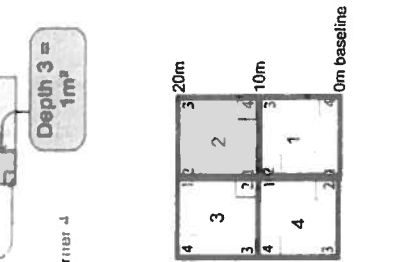
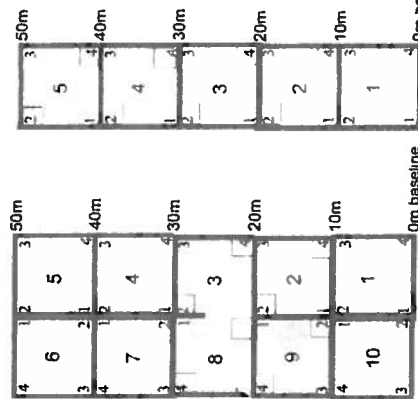
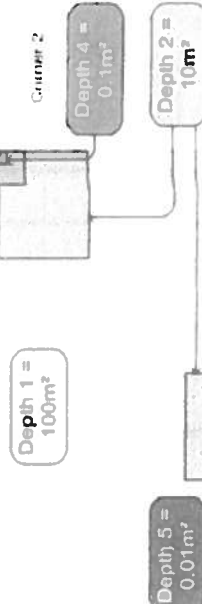
EXAMPLES OF PERCENT OF AREA COVERED

The following graphic can be used for 'Amount of Area Covered' in cover class. Amount of 'Cover' is indicated by the number of dots in each quadrant. The same total area covered, but different sized objects.



cover class	% cover	midpoint
1	solitary or few	0.0001
2	0.1%	0.005
3	1-2%	0.015
4	2-5%	0.035
5	5-10%	0.075
6	10-25%	0.175
7	25-50%	0.375
8	50-75%	0.625
9	75-95%	0.850
10	95-100%	0.975

Nested Corners



BROWSE RATING NARRATIVE DESCRIPTION

LOW OR NONE: there is no measurable browse line AND there are very few or no plants 1-m nested quadrat and intensive module. In general, low values relate to less than 10 percent, by numbers of stems browsed.

MEDIUM LOW values include evidence of browse at about 10 percent of the stems with no significant impact to plant reproduction evident. In this rating, plants are browsed but preferential species are observed to be reproducing in numbers that appear normal or near-normal in comparison to low browse areas. For example, trilliums may flower and fruit, but jewelweed and arrowwood viburnum exhibit browse.

MEDIUM: browse affects greater than 10 percent and less than 25 percent of stems in the 1 m2 nested quadrat and intensive module. A browse line is usually not evident or obvious for all classes and species of vegetation, but careful examination may show preferential browse and/or browse lines for some species of plants.

MEDIUM HIGH values include evidence of a browse line and 25 percent of stems browsed with very little vegetation regeneration evident. In this rating, for some species of plants, reproduction does not appear to occur or it is very severely limited.

HIGH: greater than 25 percent of the stems of plants in the 1 m2 nested quadrat and intensive module AND a browse line is evident.

VERY HIGH values include extensive browse conditions, where the browse line is very evident AND almost all seedlings and herbs are severely browsed or missing. Browse line may be 5 to 6 feet in height with no or little green growth beneath.

