

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION			
Project Label:	PCAP		
Project Name:	01/3e2012		
Plot Name:	Tinkers Creek		
Plot No.:	1203		
<input type="checkbox"/> Level 4 (no nested corners sampled) <input checked="" type="checkbox"/> Level 5 (nested corners sampled)			
Date (mm/dd/yyyy):	08/29/2012		
End date (if > 1 day):	/ /		
Party	2. Barton		
Role**	Plot leader		
S-Fy-e-beach			
** Roles: Co-leader, Asst. Guide, Owner, Taxonomist, etc.			
PLOT NOT SAMPLED: <input type="checkbox"/> Other <input checked="" type="checkbox"/> Perm. water <input type="checkbox"/> Paved <input 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 checked="" type="checkbox"/> Hurried			
TAXONOMIC ACCURACY			
	high	modera.	low not simpl
vascul.			X n/a
bryo			X
lichen			X
TAXONOMIC STANDARD			
Authority:	G&C	Pub Date:	1998

LOCATION	
State:	OH County: Cuy
Quadrangle:	Chagrin Falls
Local Place Names:	
Landowner:	
Data Confidentiality:	<input type="checkbox"/> Public data <input type="checkbox"/> Private Data <input type="checkbox"/> Fuzz 100m <input type="checkbox"/> Fuzz 250m <input type="checkbox"/> Fuzz 500m
Reason:	
If data not public why?	
Source of coordinates	<input type="checkbox"/> MAP <input checked="" type="checkbox"/> GPS
Coordinate system:	<input checked="" type="checkbox"/> Coord. Units
<input checked="" type="checkbox"/> Lat/Long <input type="checkbox"/> UTM <input type="checkbox"/> StatePlane <input type="checkbox"/> Other (specify)	<input checked="" type="checkbox"/> deg <input type="checkbox"/> deg min <input type="checkbox"/> m <input type="checkbox"/> ft
Datum:	<input checked="" type="checkbox"/> NAD83/WGS84 <input type="checkbox"/> NAD27
GPS location in plot x=0 to 5, y=-1.0, +1):	
x =	y =
(base of plot x=0, y=0)	
Latitude:	41.3766157
Longitude:	-81.49216066
Coord. Accuracy:	<input type="checkbox"/> m <input type="checkbox"/> ft +-
GPS File Name:	
Plot size for cover data:	0 (hectares)
X-axis Bearing of plot:	[] °
Depth: (1-5):	
Intensive modules:	2, 3, 8, 9 (EDIT IF MODIFIED)
Camera No.:	4
Photo Nos.:	0265
Plot placement:	<input type="checkbox"/> GRTS <input type="checkbox"/> Representative <input type="checkbox"/> Random <input type="checkbox"/> Stratified Random <input type="checkbox"/> Transect component <input type="checkbox"/> Systematic (grid) <input type="checkbox"/> Capture specific feature <input type="checkbox"/> Other

Diagram Key: Plot origin (0,0) point GPS location point photo taken, with direction location of permanent posts	
NOTES: Include Layout (any unusual shape details), Location (directions and landscape content), Rationale (why here), and Veg Characterization (description of community, dominants, strata, BROWSE). Additional notes in space on back.	
Layout: River Veg. Chan: Fagus grandifolia, Platanus occidentalis Tilia americana, Fraxinus	

Minimum required fields in Bold and Underlined

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

OVER

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet



Project Label: PCAP

Project Name: _____

Plot No.: _____

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MODIFIED NATURE RESERVE CLASS*

CODE (on separate form): 702 Fi=G Conf=H

COMMUNITY NAME:

River (flowing)

HOMOGENEITY

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

HYDROLOGIC REGIME*

- SALINITY***
- ☐ Saltwater
 - ☐ Brackish
 - ☒ Fresh
 - ☐ Upland (n/a)
- (by default unless plot is a wetland)
- HYDROLOGIC REGIME***
- ☐ Upland (seldom flooded)
 - ☐ Intermittently/seasonally saturated (seldom flooded)
 - ☐ Permanently/Semipermanent saturated (dry <1/yr, seldom flooded)
 - ☐ Occasionally flooded (<1/yr)
 - ☐ Temporarily flooded
 - ☐ Intermittently flooded
 - ☐ Semipermanently flooded
 - ☒ Permanently flooded
 - ☐ Tidal/Seiche flooded daily
 - ☐ Tidal/Seiche flooded monthly
 - ☐ Tidal/Seiche flooded irregular (e.g. wind, storms)
 - ☐ Unknown

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

handform - Floodplains
Drainage: somewhat poorly drained
Stand size 10 to 100

DISTURBANCES

type*	severity**	yrs ago	% of plot	description
Human				
Natural	<u>M</u>	<u>0</u>	<u>100</u>	<u>Erosion</u>
Fire				
Cut				
Animal	<u>ML</u>	<u>0</u>	<u>100</u>	<u>Brows</u>
Other				

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

Current Land Use:

Former Land Use:

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a

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Plot area (ha):



**Cleveland
Metroparks**

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

Estimate for each intensive module:

%open water

%unvegetated open water

%unveg. ground (bare soil)

%unveg. filter (bare litter)

Voucher #

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[illegible]

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[illegible]

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77	
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Victory

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[illegible]

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[illegible][illegible]

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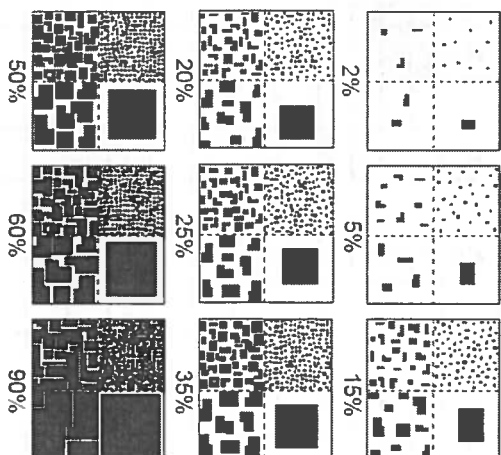
[illegible]

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29/2012 ceh

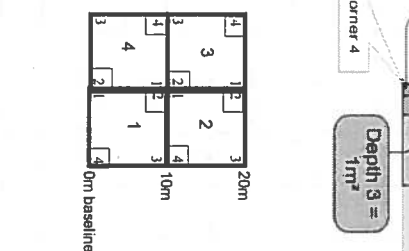
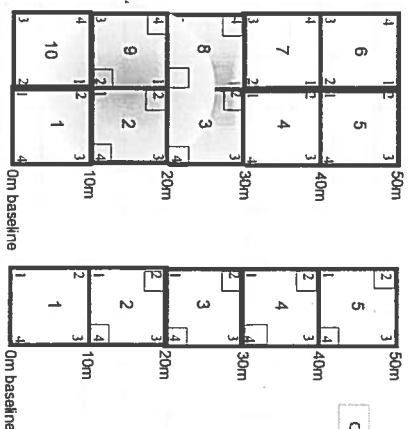
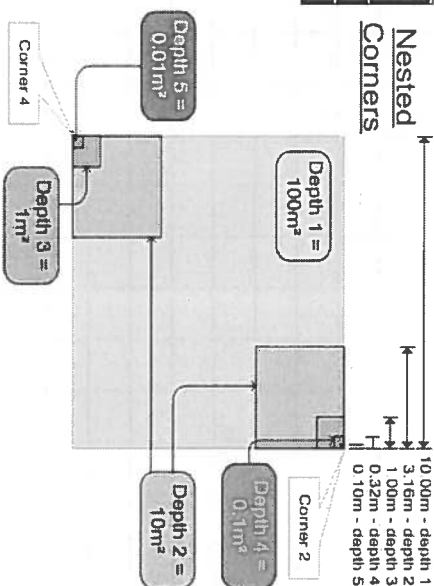
EXAMPLES OF PERCENT OF AREA COVERED

The following graphic can be used for various data elements to convey "Amount" or "Quantity". NOTE: Within any given box, each quadrant contains the same total area covered, just 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.

