CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION

Project Label: PCAP

Project Name: QRR2013

Plot Name: Lagoon Picnic area

Plot No.: 1378

☐ Level 4 (no nested corners sampled)

■ Level 5 (nested corners sampled)

Date (mm/dd/yyyy): 6/18/2013

End date (if > 1 day): / /

Party	Role**
S. Eysenbach	Plot leader

** Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc.

PLOT NOT SAMPLED: ☐ Other

☐ Perm. water ☐ Paved ☐ Slope ☐ Safety

SAMPLING QUALITY*

Effort Level:
- ☐ Very thorough
- ☐ Accurate
- ☑ Hurried

subjective evaluation of how much effort put into sampling. Hurried plots may still provide good data

TAXONOMIC ACCURACY

	high	modera.	low	not smpl
vascul.			✓	n/a
bryo				✓
lichen				✓

TAXONOMIC STANDARD

Authority: G&C **Pub Date:** 1998

LOCATION

State: OH **County:** Cuyahoga

Quadrangle:

Local Place Names: Lagoon

Landowner:

Data Confidentiality:

Check one: ☐ Public data ☐ Private Data

☐ Fuzz 100m ☐ Fuzz 250m ☐ Fuzz 500m

Reason:

If data not public why?

Source of coordinates ☐ MAP ■ GPS

Coordinate system: ■ Lat/Long ☐ UTM ☐ StatePlane ☐ Other (*specify*)

Coord. Units: ■ deg ☐ deg min ■ m ☐ ft ☐ ___

Datum: ■ NAD83/WGS84 ☐ NAD27

GPS location in plot x=0 to 5, y=-1,0,+1):

x = y = (base of plot x=0, y=0)

Latitude: 41.4003614

Longitude: 81.8873147

Coord. Accuracy: ☐ m ☐ ft +-

GPS File Name:

Plot size for cover data: _____ (hectares)

X-axis Bearing of plot: [ ] °

Depth: (1-5):

Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED)

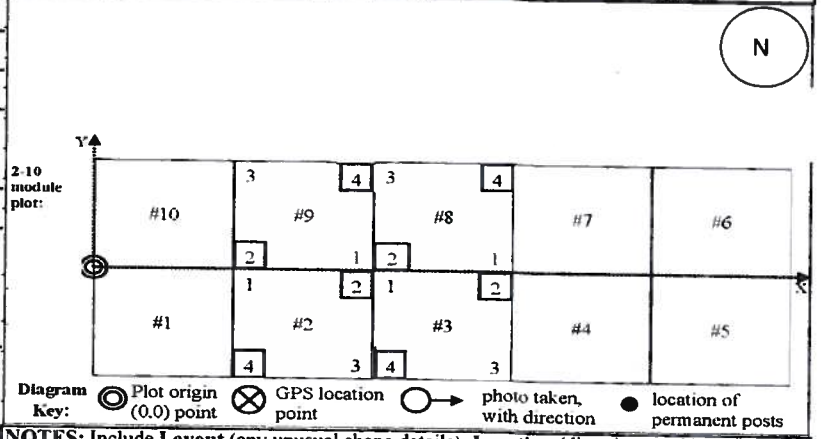
Camera No.: 2

Photo Nos.: C2-2549

Plot placement: ☑ GRTS ☐ Representative

☐ Random ☐ Stratified Random ☐ Transect component

☐ Systematic (grid) ☐ Capture specific feature ☐ Other



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.

Pt landed on concrete grill area near Lagoon picnic area pavilion.

Veg

Black cherry, Red Oak

Poaceae, Vitis sp., Virginia Creeper

Stand size less than 1

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.: _____

MODIFIED NATURESERVE CLASS*

CODE (on separate form): Fit=___ Conf=___

~~DOT~~ 701

COMMUNITY NAME:

~~Mowed~~ Concrete Grills

DISTURBANCES

type*	severity**	yrs ago	% of plot	description
Human	VH	0	100	Concrete w/mowing surround
Natural				
Fire				
Cut				
Animal				
Other				

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

Current Land Use:

Former Land Use:

HOMOGENEITY

☑ Homogeneous ☐ Compositional trend across the plot

☐ Conspicuous inclusions ☐ Irregular/pattern mosaic

HYDROLOGIC REGIME*

☑ Upland (seldom flooded) ☐ Intermittently flooded

☐ Intermittently/seasonally saturated (seldom flooded) ☐ Semipermanently flooded

☐ Permanently flooded

☐ Permanently/Semipermanent. saturated (dry <1/yr, seldom flooded) ☐ Tidal/Seiche flooded daily

☐ Tidal/Seiche flooded monthly

☑ Occasionally flooded (<1/yr) ☐ Tidal/Seiche flooded irregular (e.g. wind, storms)

☐ Temporarily flooded

☐ Unknown

SALINITY*

☐ Saltwater

☐ Brackish

☐ Fresh

☑ Upland (n/a)

(by default unless plot is a wetland)

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

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

Project Label: PCAP Project name: _____ Plot no.: _____ *Page ___ of ___*

Total modules: _____ Intensive modules: _____ Plot configuration: _____ Plot area (ha): _____

Cleveland Metroparks

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

Strata - Cov. entire plot

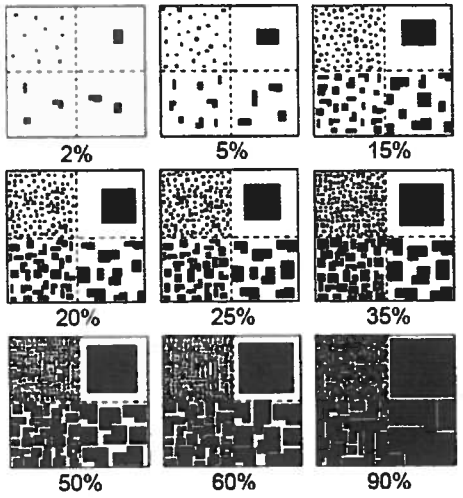
Estimate for each intensive module:

	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner
																			R	R
	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov
%open water	1				1				1				1							
%unvegetated open water	1				1				1				1							
%unveg. ground (bare soil)	1				1				1				1							
%unveg. litter (bare litter)	1				1				1				1							

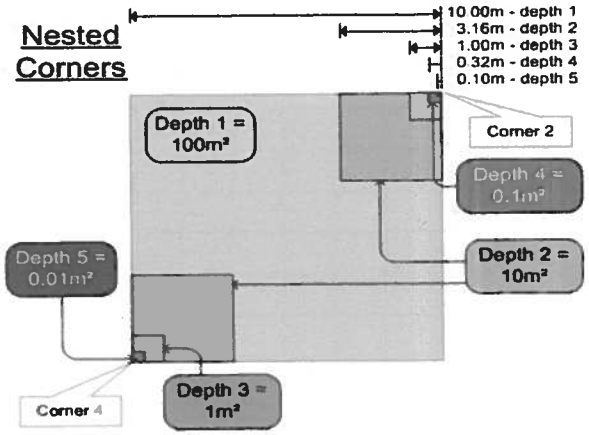
T	S	H	(F)	(A)	Br	Species	c	Voucher #
						Quercus rubra		
						Prunus serotina		
						Parthenocissus quinquefolia		
						Vitis sp.		
						Poaceae		

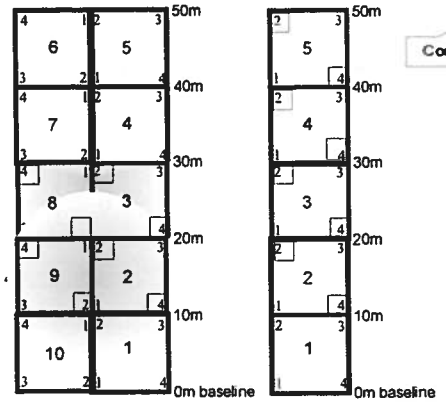
EXAMPLES OF PERCENT OF AREA COVERED

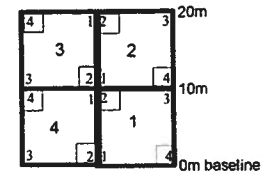
The following graphic can be used for various data elements to convey "Amount" or "Quantity". *NOTE*: Within any given box, each quadrant contains the same total area covered, just different sized objects.



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







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.