

CLEVELAND METROPARKS Plant Community Assessment Program: Quality Control Form



Project Label: PCAP Plot No: _____ Date Sampled: _____ Lead: _____

Parking/Access outside of Park Boundaries:		Y	N	Comment required if item answer is NO
Field journals completed		Y	N	If yes, write details in Comments section below
Site sketch made on 1:3000 map?		Y	N	
Check cover page	X-axis Bearing of plot recorded	Y	N	
	GPS coords Recorded	Y	N	
	North direction recorded	Y	N	
	Photographs taken?	Y	N	
Plot No., Date agreement on all pages?		Y	N	
Header data completed all pages?		Y	N	
Cover classes recorded in all Intensive modules		Y	N	
Browse Level By Species		Y	N	
Woody stem quality control check		Y	N	
Invasive plant quality control check		Y	N	
Ash trees mapped		Y	N	
Cover by Strata? (confirm cover type)		Y	N	
Soil samples collected with matching plot #.		Y	N	
Vouchers labeled on datasheet with initials and number		Y	N	
Vouchers labeled on collection bag		Y	N	
Pink flags removed		Y	N	
Data sheet QA before leaving site?		Y	N	
Common equipment returned to tub.		Y	N	
Data sheets scanned?				Enter date to left
Final data sheets scanned?				Enter date to left
Buffer Widths measured?		<input checked="" type="radio"/> Y	N	BB 6-28-13
Web Soil Survey		Y	N	
Voucher Location	Refrigerator	Y	N	
(# vouchers collected)	Press (#)			Enter number to left
	Drier	Y	N	
	Identified	Y	N	
	Mounted	Y	N	
	Thrown away	Y	N	

GRTS point verification: Is plot sampleable?

<input type="checkbox"/> Yes	Original GRTS point is sampleable
<input type="checkbox"/> No	Original GRTS point lands in a non-sampleable area (fill in category below)
	<input type="checkbox"/> Point falls in a water (i.e. river, lake)
	<input type="checkbox"/> Managed mowed area (i.e. golf course, picnic area, right-of-way)
	<input type="checkbox"/> Paved area (i.e. parkinglot, road)
	<input type="checkbox"/> Unsafe to sample (i.e. steep slope)
	<input type="checkbox"/> Other

Additional Comments:

C3 1702-04; LDP pictures.

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION

Project Label: PCAP

Project Name: 01NC2013

Plot Name: Mighty Lucks I

Plot No.: 1392

Level 4 (no nested corners sampled)

Level 5 (nested corners sampled)

Date (mm/dd/yyyy): 08-29-2013

End date (if > 1 day):

Party:

S. Catella

C. Lemme

A. Bonkowski

Plot leader:

Plot NOT SAMPLED:

Perm. water ☐ Paved ☒ Slope ☐ Safety

SAMPLING QUALITY*

Effort Level: subjective evaluation of how much effort put into sampling. Hurdled plots may still provide good data

Very thorough

Accurate

Hurdled

TAXONOMIC ACCURACY

high ☐ modera. ☐ low ☐ not simpl ☐

vascul. ☐ n/a ☒

bryo ☐ ☒

lichen ☐ ☒

TAXONOMIC STANDARD

Authority: G&C Pub Date: 1998

LOCATION

State: OH

County: Cuyahoga

Quadrangle:

Local Place Names: ~~Butternut Field~~
Arctic Area Forest Plot Area

Landowner:

X-axis Bearing of plot: [] °

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

GPS location in plot x=0 to 5, y=0 to 5:

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

Coordinate system:

Coord. Units

Lat/Long ☐ UTM ☐ StatePlane ☐ deg ☐ deg min

Datum: ☒ NAD83/WGS84 ☐ NAD27

Latitude: 41.5620186

Longitude: 81.4232678

Coord. Accuracy: ☐ m ☐ ft

GPS File Name:

Plot size for cover data: .1 (hectares)

Stems not sampled on this plot ☐ Stems absent

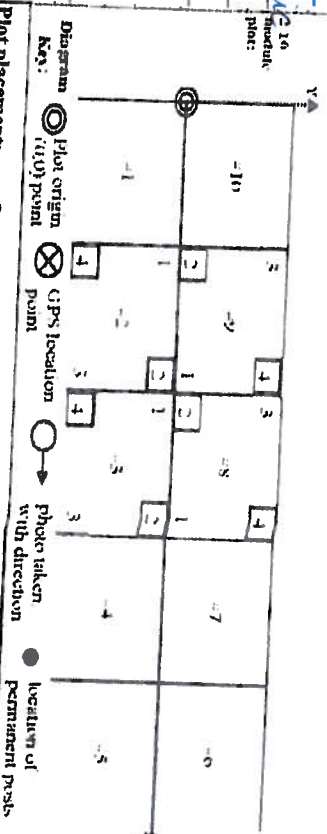
Stems present ☐ Plot size stems: (ha)

Depth: (1-5):

Intensive modules: 2, 3, 8, 9

Camera No.: 05

Photo Nos: 2705, 2706, 2707



Plot placement: ☐ Representative ☐ GRTS ☐ Random ☐ Stratified Random

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: not sampled, could fit a 2x5 on slope
Location: take the maple leaf trail all the way back from point is on the opposite ridge on the left side of the trail
Rationale: GRTS
Veg. Char.: Canopy - Sugar maple and Hemlock, Beech
Shrub - Beech & Sugar Maple
Herb - ferns and moss

OVER

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

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

Plot No.: 1392

Project Name: DINC2013

Project Label: PCAP

CLASSIFICATION

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

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): B02

COMMUNITY NAME:

Hemlock Hardwood

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 (n/a)

DISTURBANCES

type# severity** yrs ago % of plot description

Human				
Natural	M	0	100	erosion w/ root exposure
Fire				
Cut				
Animal				
Other				

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

Current Land Use:

Former Land Use:

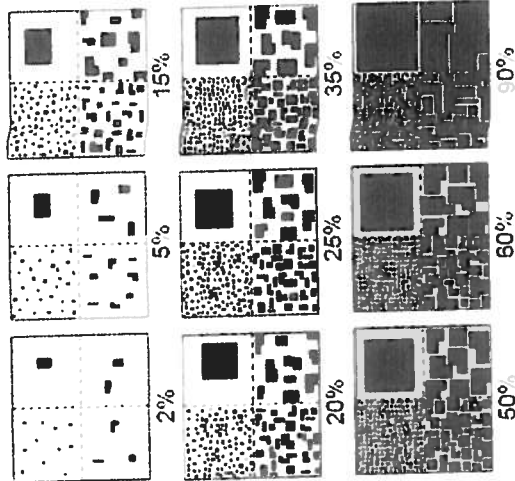
HYDROLOGIC REGIME:

- ☒ 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
- ☐ Fidal/Seiche flooded daily
- ☐ Fidal/Seiche flooded monthly
- ☐ Fidal/Seiche flooded irregular
- ☐ (e.g. wind, storms)
- ☐ Unknown

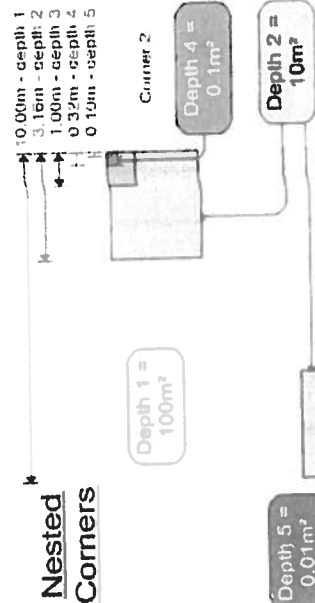
Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)

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.



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.

