

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION

Project Label: **PCAP**

Project Name: **02562015**

Plot Name: **old Field River Plot**

Plot No.: **1032**

Level 4 (no nested corners sampled)

Level 5 (nested corners sampled)

Date (mm/dd/yyyy): **9/18/2015**

Find date (if > 1 day):

Party: **C. Minney** Role: **Plot leader**

D. Sweet

M. Getzky

SAMPLING QUALITY*

Effort Level: **Very thorough**

Accurate

Humid

TAXONOMIC ACCURACY

high ☐ modera. ☐ low ☒ not simpl ☐

vascul. ☐ bryo ☒ lichen ☒

TAXONOMIC STANDARD

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

LOCATION

State: **OH** County: **Cuyahoga**

Quadrangle: **Chagrin Falls**

Local Place Names:

Landowner: **CMF**

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=-1, 0, +1:

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

Coordinate system:

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

Other (specify):

Datum: ☒ NAD83/WGS84 ☐ NAD27

Latitude:

Longitude:

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: (m)

Depth: (1-5):

Intensive modules: 2, 3, 8, 9

Camera No.: **4**

Photo Nos.: **24 981-984**

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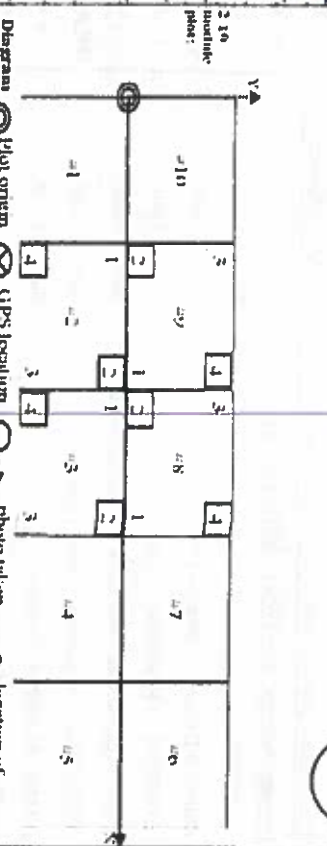
*Definitions and values in CM PCAP FORM v. 1.0 and CVS Field Guide

Diagram

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

Plot 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, dominant, strata, BROWSE). Additional notes in space on back.

Diagram: 

Plot is unchanged from 2010

Plot may extend to both banks which would be an upper terrace on one side and lower on the other (floodplain), but most of plot within river

OVER

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

Plot No.: 1032

Project Name: 02 Sc 2015

Project Label: PCAP

CLASSIFICATION		STAND SIZE		DISTURBANCES	
(FIT = excellent, good, fair, poor, CONF = high, med, low)		<input type="checkbox"/> > 1,000 x plot size <input type="checkbox"/> > 100 x plot size <input type="checkbox"/> 10-100 x plot size <input checked="" type="checkbox"/> 3-10 x plot size <input type="checkbox"/> 1-3 x plot size <input type="checkbox"/> < plot size		type* severity** yrs ago % of plot description Human Natural Fire Cut Animal Other	
Hydrogeomorphic class (WETLANDS ONLY): <input type="checkbox"/> DEPRESSION <input type="checkbox"/> IMPOUNDMENT <input type="checkbox"/> Beaver <input type="checkbox"/> Human <input type="checkbox"/> RIVERINE <input type="checkbox"/> Headwater <input type="checkbox"/> Mainstem <input type="checkbox"/> Channel <input type="checkbox"/> SLOPE (ground water hydrology or on a physical slope) <input type="checkbox"/> FRINGING <input type="checkbox"/> Reservoir <input type="checkbox"/> Natural Lake <input type="checkbox"/> COASTAL (specify subclass) <input type="checkbox"/> BOG (strongly, moderately, weakly ombrotrophic)		DRAINAGE* <input type="checkbox"/> Excessively drained <input type="checkbox"/> Somewhat excessively <input type="checkbox"/> Well drained <input type="checkbox"/> Moderately well dr. <input type="checkbox"/> Somewhat poorly dr. <input type="checkbox"/> Very poorly dr. <input type="checkbox"/> Impermeable surface		**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high Current Land Use: <u>CMP</u> Former Land Use:	
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY): <input type="checkbox"/> FOREST <input type="checkbox"/> swamp forest <input type="checkbox"/> bog forest <input type="checkbox"/> forest seep <input type="checkbox"/> EMERGENT <input type="checkbox"/> marsh <input type="checkbox"/> wet meadow <input type="checkbox"/> open bog <input type="checkbox"/> SHRUB <input type="checkbox"/> shrub swamp <input type="checkbox"/> tall sh. bog <input type="checkbox"/> tall sh. fen		SALINITY* <input type="checkbox"/> Saltwater <input type="checkbox"/> Brackish <input checked="" type="checkbox"/> Fresh <input type="checkbox"/> Upland (n/a)		HYDROLOGIC REGIME* <input type="checkbox"/> Upland (seldom flooded) <input type="checkbox"/> Intermittently/seasonally saturated <input type="checkbox"/> (seldom flooded) <input type="checkbox"/> Permanently/Semipermanent saturated <input type="checkbox"/> (dry < 1/yr, seldom flooded) <input type="checkbox"/> Occasionally flooded (< 1/yr) <input type="checkbox"/> Temporarily flooded <input type="checkbox"/> Intermittently flooded <input type="checkbox"/> Semipermanently flooded <input checked="" type="checkbox"/> Permanently flooded <input type="checkbox"/> Tidal/Seiche flooded daily <input type="checkbox"/> Tidal/Seiche flooded monthly <input type="checkbox"/> Tidal/Seiche flooded irregular <input type="checkbox"/> (e.g. wind, storms) <input type="checkbox"/> Unknown	
MODIFIED NATURESERVE CLASS* CODE (on separate form): <u>T01</u> COMMUNITY NAME: <u>Flowing water</u> LANDFORM TYPE*: <u>River</u>					

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

HOMOGENEITY

☐ Homogeneous

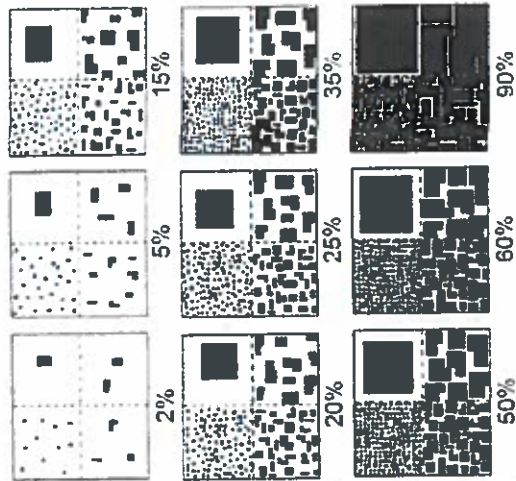
☐ Compositional trend across the plot

☒ Conspicuous inclusions

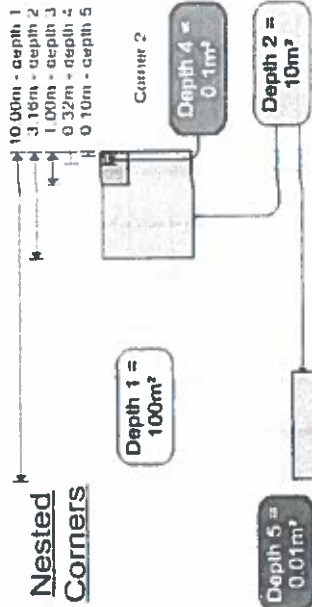
☐ Irregular/pattern mosaic

EXAMPLES OF PERCENT OF AREA COVERED

The following graphic can be used for various data elements in canopy "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.

