

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

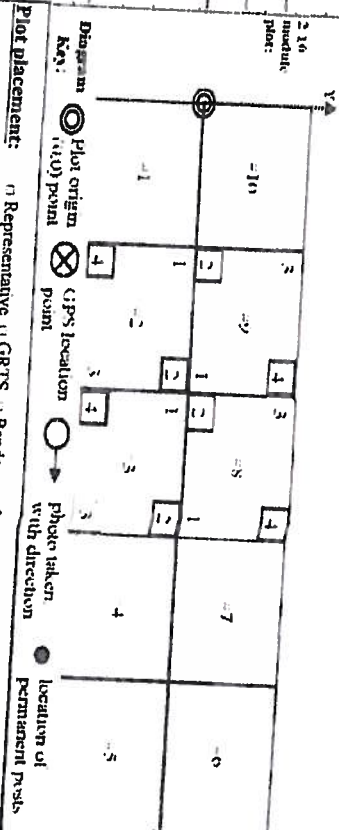
GENERAL INFORMATION

Project Label: **PCAP**
 Project Name: **018c av13**
 Plot Name: **Do Not Enter**
 Plot No.: **1382**
 Level 4 (no nested corners sampled)
 Level 5 (nested corners sampled)
 Date (mm/dd/yyyy): **04/13/2013**
 End date (if > 1 day):
 Party: **Clemens**
 Role: **Plot leader**
 A Backcountry
 Role: (e-leader, Asst. Guide, Observer, Interviewer, etc.)
 PLOT NOT SAMPLED:
 Perm. water ☒ Paved ☐ Slope ☐ Safety ☐ Other ☒
 SAMPLING QUALITY*
 Effort Level: subjective evaluation of how much effort put into sampling. Hurried plots may still provide good data
 Accurate ☐ Turned ☒
 TAXONOMIC ACCURACY
 high ☒ modera. ☐ low ☐ not sampl.
 vascul. ☒ bryo ☒ lichen ☒
 TAXONOMIC STANDARD
 Authority: G&C Pub Date: 1998
 Minimum required fields in Bold and Underlined

LOCATION

State: **OH** County: **Cuyahoga**
 County: **Cuyahoga**
 Local Place Names:
 Landowner:
 X-axis Bearing of plot: [] °
 Data Confidentiality:
 Check one: ☐ Public data ☐ Private Data
 Reason: ☐ Fuzz 100m ☐ Fuzz 250m ☐ Fuzz 500m
 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: ☐ Lat/Long ☐ UTM ☐ StatePlane ☐ Coord. Units
 Datum: ☒ NAD83/WGS84 ☐ NAD27
 Longitude: **81.7985063**
 Latitude: **41.377262**
 Coord. Accuracy: ☐ m ☐ ft
 GPS File Name:
 Plot size for cover data: **0.05** (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.: **4**
 Photo Nos.: **0650-0653**

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



Plot placement: ☐ Representative ☐ GRTS ☐ Random ☐ 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: 1x5

Rationale: GRTS (on Driveway apron)

Veg Characteristics: canopy - Red oak along street (planted)

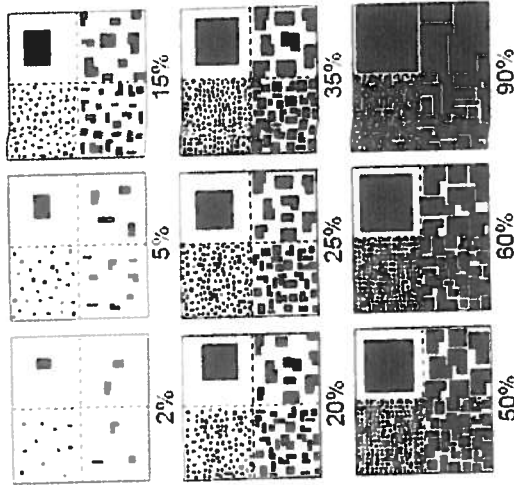
Shrub - Absent
 herb - lawn grass

OVER

Project Name: _____ Project Label: _____ PCAP		Plot No.: _____																																				
CLASSIFICATION (FIT = excellent good, fair, poor, CONF = high, med, low) <u>Hydrogeomorphic class (WETLANDS ONLY):</u> <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) 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 sccp <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 <u>MODIFIED NATURESERVE CLASS:</u> CODE (on separate form) COMMUNITY NAME: <u>2020 Pined apron</u> <u>LANDFORM TYPE:</u>		STAND SIZE <input type="checkbox"/> >1,000 x plot size <input type="checkbox"/> > 100 x plot size <input checked="" type="checkbox"/> 10-100 x plot size <input type="checkbox"/> 3-10 x plot size <input type="checkbox"/> 1-3 x plot size <input type="checkbox"/> < plot size 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 SALINITY* <input type="checkbox"/> Saltwater <input type="checkbox"/> Brackish <input type="checkbox"/> Fresh <input type="checkbox"/> Upland (u/a)																																				
HOMOGENEITY <input checked="" type="checkbox"/> Homogeneous <input type="checkbox"/> Compositional trend across the plot <input type="checkbox"/> Conspicuous inclusions <input type="checkbox"/> Irregular/pattern mosaic		DISTURBANCES <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>type*</th> <th>severity**</th> <th>yrs ago</th> <th>% of plot</th> <th>description</th> </tr> <tr> <td>Human</td> <td>VH</td> <td>0</td> <td>100</td> <td>residential</td> </tr> <tr> <td>Natural</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Fire</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Cut</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Animal</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Other</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> **L=low, ML=med low, M=med, MH=mod high, H=high, VH=very high Current Land Use: Former Land Use: HYDROLOGIC REGIME* <input checked="" type="checkbox"/> Upland (seldom flooded) <input type="checkbox"/> Intermittently/seasonally saturated (seldom flooded) <input type="checkbox"/> Permanently/Semipermanent saturated (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 type="checkbox"/> Permanently flooded <input type="checkbox"/> Tidal/Schic flooded daily <input type="checkbox"/> Tidal/Schic flooded monthly <input type="checkbox"/> Tidal/Schic flooded irregular (e.g. wind, storms) <input type="checkbox"/> Unknown		type*	severity**	yrs ago	% of plot	description	Human	VH	0	100	residential	Natural					Fire					Cut					Animal					Other				
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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 of Occurrence." 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

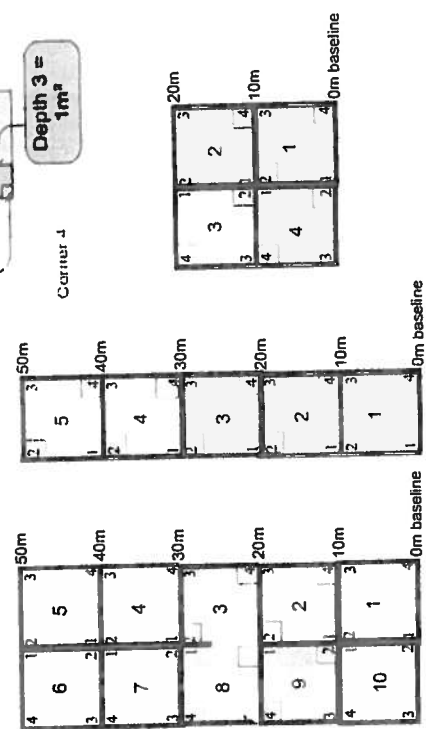


Depth 1 = 100m²

Depth 2 = 10m²

Depth 3 = 1m²

Depth 4 = 0.1m²



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.

