

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION				LOCATION	
Project Label: PCAP				State: OH	County: Cuyahoga
Project Name: 02MS 2015				Quadrangle: Berea	
Plot Name:				Local Place Names:	
Plot No.: 1007				Landowner:	
<input type="checkbox"/> Level 4 (no nested corners sampled) <input checked="" type="checkbox"/> Level 5 (nested corners sampled)				Data Confidentiality:	
Date (mm/dd/yyyy): 9/24/2015				<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	
End date (if > 1 day):				Reason:	
Party: C. Minney				If data not public why?	
Role: Plot leader				Source of coordinates: <input type="checkbox"/> MAP <input checked="" type="checkbox"/> GPS	
D. Sweet M. Gettys				Coordinate system: <input type="checkbox"/> Coord. Units	
<input checked="" type="checkbox"/> Lat/Long <input type="checkbox"/> UTM <input type="checkbox"/> StatePlane <input type="checkbox"/> deg <input type="checkbox"/> deg min <input type="checkbox"/> Other (specify):				Datum: <input checked="" type="checkbox"/> NAD83/WGS84 <input type="checkbox"/> NAD27	
** Roles: Co-leader, Ass., Guide, Owner, Taxonomist, etc. Plot NOT SAMPLED: MOVED <input type="checkbox"/> Other				GPS location in plot (x=0 to 5, y=-1.0 to +1):	
<input type="checkbox"/> Perm. water <input type="checkbox"/> Paved <input type="checkbox"/> Slope <input checked="" type="checkbox"/> Safety				x = y = (base of plot x=0, y=0)	
SAMPLING QUALITY* Effort Level: <input type="checkbox"/> Very thorough <input type="checkbox"/> Accurate <input checked="" type="checkbox"/> Hurried subjective evaluation of how much effort put into sampling. Hurried plots may still provide good data				Latitude: 41.308337 Longitude: 81.78522	
TAXONOMIC ACCURACY high <input type="checkbox"/> modera. <input type="checkbox"/> low <input checked="" type="checkbox"/> not simpl. <input type="checkbox"/> vascular <input type="checkbox"/> n/a <input checked="" type="checkbox"/> bryo <input type="checkbox"/> <input checked="" type="checkbox"/> lichen <input type="checkbox"/> <input checked="" type="checkbox"/>				Coord. Accuracy: <input type="checkbox"/> m <input type="checkbox"/> ft <input type="checkbox"/> +/- GPS File Name: Plot size for cover data: (hectares) X-axis Bearing of plot: [] °	
TAXONOMIC STANDARD Authority: G&C Pub Date: 1998				Depth: (1-5): Intensive modules: 2, 3, 8, 9 (EDIT IF MODIFIED) Camera No.: 4 N-996 CH E-999 w-1001 S-1000 Photo Nos.: Plot placement: <input type="checkbox"/> CRTS <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: 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.

Plot is unchanged since 2010

Heavy traffic, roadside grass strip becomes young forest further inside

Dead Ash and Ceanothus shrubs along edge

Minimum required fields in Bold and Underlined

OVER

Plot No.: 7007 Page 2 of 2

MODIFIED NATURAL RESERVE CLASS*		Fiji = _____ Conf = _____	
CODE (on separate form):		X07	
COMMUNITY NAME:		Disturbed Community - Mowed	
HOMOGENEITY		<input type="checkbox"/> Homogeneous <input checked="" type="checkbox"/> Compositional trend across the plot <input type="checkbox"/> Conspicuous inclusions <input type="checkbox"/> Irregular/pattern mosaic	

DISTURBANCES				
type*	severity**	yrs ago	% of plot	description
Human	4	0	100	Mowed
Natural				
Fire				
Cut				
Animal				
Other				

**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high
 Current Land Use: CMP
 Former Land Use:

HYDROLOGIC REGIME*	
SALINITY*	<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"/> Saltwater <input type="checkbox"/> Brackish <input type="checkbox"/> Fresh <input checked="" type="checkbox"/> Upland (n/a)
	<input type="checkbox"/> Intermittently flooded <input type="checkbox"/> Semipermanently flooded <input 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 (e.g. wind, storms) <input type="checkbox"/> Unknown

(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

Page 1 of 1

Project Label: _____ PCAP _____

Project name: 0210 MS 2015 Plot no.: 1007

Total modules: 70 Open Water

Intensive modules: 070 Unvegetated

Plot area (ha): 46 Invasives



Cleveland Metroparks

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

Strata - Cov. entire plot

Cleveland
Metroparks

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

Strala - Coy. entire plot

S H (F) (A) Br

Species

Estimate for each
intensive module:

%open water

%unveg. ground (bare soil)

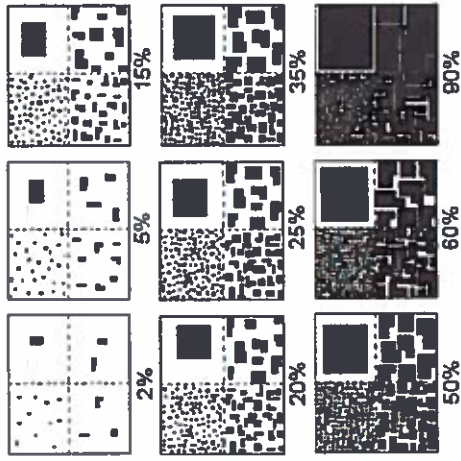
%unveg. litter (bare litter)

Voucher #

mod corner mod corner

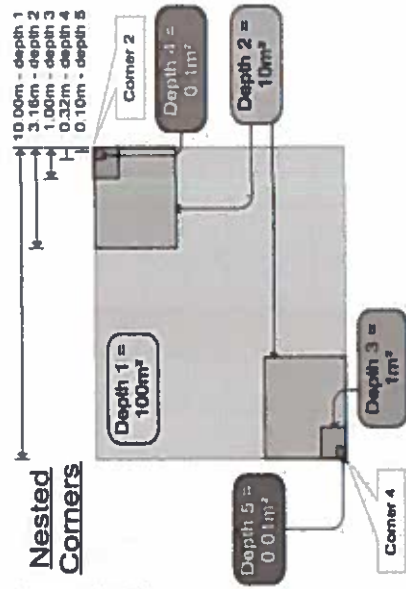
EXAMPLES OF PERCENT OF AREA COVERED

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

