

# CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

<b>GENERAL INFORMATION</b>		<b>LOCATION</b>	
Project Label: <b>PCAP</b>	State: <b>OH</b> County: <b>Medina</b>	Local Place Names:	
Project Name: <b>DIHI 2011</b>	Quadrangle: <b>West Richfield</b>	Landowner:	
Plot Name: <b>Judges Lake Swin</b>		X-axis Bearing of plot: [ ] °	
Plot No.: <b>1130</b>		Data Confidentiality:	
<input type="checkbox"/> Level 4 (no nested corners sampled)		Check one: <input type="checkbox"/> Public data <input type="checkbox"/> Private Data	
<input checked="" type="checkbox"/> Level 5 (nested corners sampled)		<input type="checkbox"/> Fuzz 100m <input type="checkbox"/> Fuzz 250m <input type="checkbox"/> Fuzz 500m	
Date (mm/dd/yyyy): <b>10/13/2011</b>		Reason:	
End date (if > 1 day): / /		If data not public why?	
Party: <b>S. Iyengar</b>	Role: <b>Plot leader</b>	Source of coordinates: <input type="checkbox"/> MAP <input checked="" type="checkbox"/> GPS	
		GPS location in plot x=0 to 5, y=-1.0 to 1.0: x = y = (base of plot x=0, y=0)	
<b>Plot NOT SAMPLED:</b> <input type="checkbox"/> Other <input type="checkbox"/> Perennial water <input type="checkbox"/> Paved <input type="checkbox"/> Slope <input type="checkbox"/> Safety		<b>Coordinate system:</b> <u>Coord. Units</u> <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): <input type="checkbox"/> m <input type="checkbox"/> ft	
<b>SAMPLING QUALITY*</b>		<b>Datum:</b> <input checked="" type="checkbox"/> NAD83/WGS84 <input type="checkbox"/> NAD27 <b>Latitude:</b> <b>Longitude:</b>	
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	<b>Coord. Accuracy:</b> <input type="checkbox"/> m <input type="checkbox"/> ft <input type="checkbox"/> +/- <b>GPS File Name:</b> <b>Plot size for cover data:</b> <b>0.1</b> (hectares)	
<b>TAXONOMIC ACCURACY</b>		<input type="checkbox"/> Stems not sampled on this plot <input type="checkbox"/> Stems absent <input type="checkbox"/> Stems present <b>Plot size stems:</b> (ha) <b>Depth:</b> (1-5): <b>Intensive modules:</b> 2, 3, 8, 9 (EDIT IF MODIFIED) <b>Camera No.:</b> <b>02</b> <b>Photo Nos.:</b> <b>1196-1197</b>	
<b>TAXONOMIC STANDARD</b>		<b>Diagram</b> <input checked="" type="checkbox"/> Plot origin <input checked="" type="checkbox"/> GPS location <input type="checkbox"/> photo taken. <input type="checkbox"/> location of permanent posts <b>Key:</b> <input checked="" type="checkbox"/> (0,0) point <input type="checkbox"/> with direction	
<b>Authority:</b> G&C Pub Date: 1998 Minimum required fields in Bold and Underlined		<b>Plot Placement:</b> <input type="checkbox"/> Representative <input type="checkbox"/> GRTS <input type="checkbox"/> Random <input type="checkbox"/> Stratified Random <b>NOTES:</b> 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.	

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

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## CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet



Project Label: PCAP

Project Name:

Plot No.:

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## CLASSIFICATION

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

Fit and Confidence

## 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)

Fit=\_\_\_ Conf=\_\_\_

Fit=\_\_\_ Conf=\_\_\_

Fit=\_\_\_ Conf=\_\_\_

Fit=\_\_\_ Conf=\_\_\_

Fit=\_\_\_ Conf=\_\_\_

Fit=\_\_\_ Conf=\_\_\_

Fit=\_\_\_ Conf=\_\_\_

## 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

Fit=\_\_\_ Conf=\_\_\_

Fit=\_\_\_ Conf=\_\_\_

Fit=\_\_\_ Conf=\_\_\_

## MODIFIED NATURESERVE CLASS\*

CODE (on separate form):

Fit=\_\_\_ Conf=\_\_\_

## COMMUNITY NAME:

Fit=\_\_\_ Conf=\_\_\_

## LANDFORM TYPE\*: 3 Other

is it man made?

## HOMOGENEITY

- ☒ Homogeneous
- ☐ Compositional trend across the plot
- ☐ Conspicuous inclusions
- ☐ Irregular/pattern mosaic

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

Area along the pond is mowed superlatives  
a year. Pond has drainage/dam at N end.

## 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

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## SALINITY\*

- ☐ Saltwater
- ☐ Brackish
- ☐ Fresh
- ☐ Upland (n/a)

## DISTURBANCES

type*	severity**	yrs ago	% of plot	description
Human	VH	40	100	Man made pond
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:

## HYDROLOGIC REGIME\*

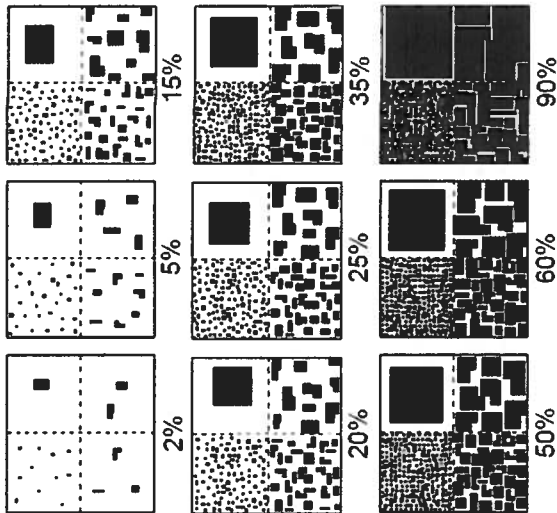
- ☐ Upland (seldom flooded)
- ☐ Intermittently/seasonally saturated
- ☐ (seldom flooded)
- ☐ Permanently/Semipermanent saturated
- ☐ (dry <1/yr, seldom flooded)
- ☐ Occasionally flooded (<1/yr)
- ☐ Temporarily flooded
- ☐ Intermittently flooded
- ☐ Semipermanently flooded
- ☒ Permanently flooded
- ☐ Tidal/Seiche flooded daily
- ☐ Tidal/Seiche flooded monthly
- ☐ Tidal/Seiche flooded irregular
- (e.g. wind, storms)
- ☐ Unknown





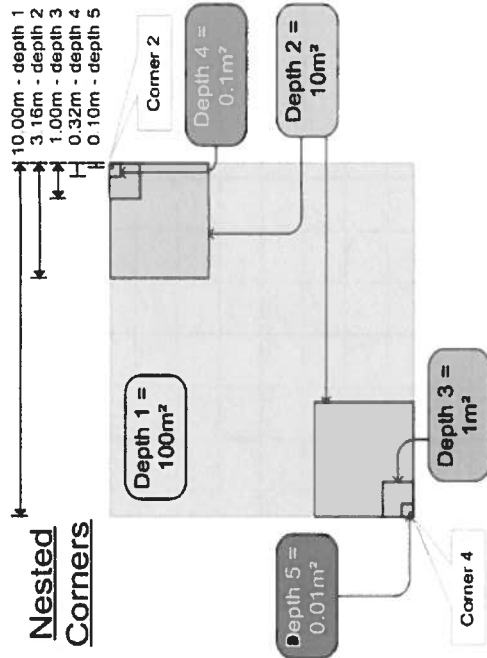
## EXAMPLES OF PERCENT OF AREA COVERED

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

## 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.

