

CLEVELAND METROPARKS Plant Community Assessment Program: Quality Control Form



Project Label:

PCAP

Plot No:

3415

Date Sampled: 8-4-11 Lead: Stover Eisenbach

Comment required if item answer is NO

Parking/Access outside of Park Boundaries	<input checked="" type="radio"/> Y <input type="radio"/> N	If yes, write details in Comments section below
Field journals completed	<input checked="" type="radio"/> Y <input type="radio"/> N	
Site sketch made on 1:3000 map?	<input checked="" type="radio"/> Y <input type="radio"/> N	
Check cover page	X-axis Bearing of plot recorded	<input checked="" type="radio"/> Y <input type="radio"/> N
	GPS coords Recorded	<input checked="" type="radio"/> Y <input type="radio"/> N
	North direction recorded	<input checked="" type="radio"/> Y <input type="radio"/> N
	Photographs taken?	<input checked="" type="radio"/> Y <input type="radio"/> N
Plot No., Date agreement on all pages?	<input checked="" type="radio"/> Y <input type="radio"/> N	
Header data completed all pages?	<input checked="" type="radio"/> Y <input type="radio"/> N	
Cover classes recorded in all Intensive modules	<input checked="" type="radio"/> Y <input type="radio"/> N	
Browse Level By Species	<input checked="" type="radio"/> Y <input type="radio"/> N	
Woody stem quality control check	<input checked="" type="radio"/> Y <input type="radio"/> N	
Invasive plant quality control check	<input checked="" type="radio"/> Y <input type="radio"/> N	
Ash trees mapped	<input checked="" type="radio"/> Y <input type="radio"/> N	N/A
Cover by Strata? (confirm cover type)	<input checked="" type="radio"/> Y <input type="radio"/> N	
Soil samples collected with matching plot #	<input checked="" type="radio"/> Y <input type="radio"/> N	
Vouchers labeled on datasheet with initials and number	<input checked="" type="radio"/> Y <input type="radio"/> N	N/A
Vouchers labeled on collection bag	<input checked="" type="radio"/> Y <input type="radio"/> N	N/A
Pink flags removed	<input checked="" type="radio"/> Y <input type="radio"/> N	
Data sheet QA before leaving site?	<input checked="" type="radio"/> Y <input type="radio"/> N	
Common equipment returned to tub	<input checked="" type="radio"/> Y <input type="radio"/> N	
Data sheets scanned?	<input checked="" type="radio"/> Y <input type="radio"/> N	8/15/11 Enter date to left
Final data sheets scanned?		Enter date to left
Buffer Widths measured?	<input checked="" type="radio"/> Y <input type="radio"/> N	
Web Soil Survey	<input checked="" type="radio"/> Y <input type="radio"/> N	
Voucher Location	Refrigerator	<input checked="" type="radio"/> Y <input type="radio"/> N
(# vouchers collected)	Press (#)	Enter number to left
	Drier	<input checked="" type="radio"/> Y <input type="radio"/> N
	Identified	<input checked="" type="radio"/> Y <input type="radio"/> N
	Mounted	<input checked="" type="radio"/> Y <input type="radio"/> N
	Thrown away	<input checked="" type="radio"/> Y <input type="radio"/> N

GRTS point verification: Is plot sampleable?

<input checked="" 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. parking lot, road)
	<input type="checkbox"/> Unsafe to sample (i.e. steep slope)
	<input type="checkbox"/> Other

Additional Comments:



CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

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Page 1 of 2

GENERAL INFORMATION		LOCATION																					
Project Label: PCAP Project Name: <u>01222011</u> Plot Name: <u>Wind Fight</u> Plot No.: <u>3415</u>		State: OH County: CUYAHOGA Quadrangle: CLEVELAND Local Place Names: <u>BETWEEN BROOK PARK</u> Landowner: CLE METRO <u>4 480 BRIDES</u>																					
Date (mm/dd/yyyy): <u>08/04/2011</u> End date (if > 1 day): / / Party <u>D. STRECKER</u> <u>S. EISENBACH</u> <u>J. GANTZERMAN</u> <u>2. BARTON</u> <u>A. MACK</u> <u>M. BRETH</u> <u>Q. COLLETA</u> CONTRIE + TERRY		X-axis Bearing of plot: <u>[93]</u> ° Data Confidentiality: Check one: <input checked="" type="checkbox"/> Public data <input type="checkbox"/> Private Data <input type="checkbox"/> Fuzz 100m <input type="checkbox"/> Fuzz 250m <input type="checkbox"/> Fuzz 500m Reason: If data not public why? Source of coordinates <input type="checkbox"/> MAP <input checked="" type="checkbox"/> GPS GPS location in plot x=0 to 5, y=-1, 0,+1): x = <u>0</u> y = <u>0</u> (base of plot x=0, y=0)																					
PLOT NOT SAMPLED: <input type="checkbox"/> Perm. water <input type="checkbox"/> Paved <input type="checkbox"/> Slope <input type="checkbox"/> Safety		Coordinate system: <u>Coord. Units</u> <input checked="" type="checkbox"/> Lat/long <input type="checkbox"/> UTM <input type="checkbox"/> StatePlane <input checked="" type="checkbox"/> deg <input type="checkbox"/> deg min <input type="checkbox"/> Other (specify) <u>■ m or □</u> Datum: <input checked="" type="checkbox"/> NAD83/WGS84 <input type="checkbox"/> NAD27																					
SAMPLING QUALITY* Effort Level: <input checked="" type="checkbox"/> Very thorough <input type="checkbox"/> Accurate <input type="checkbox"/> Hunted <div style="border: 1px solid black; padding: 5px; display: inline-block;"> subjective evaluation of how much effort put into sampling. Hurned plots may still provide good data </div>		Plot placement: <input type="checkbox"/> Representative <input checked="" type="checkbox"/> GRTS <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 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.																					
TAXONOMIC ACCURACY <table border="1"> <tr> <td>high</td> <td>modera</td> <td>low</td> <td>not samp</td> </tr> <tr> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/> n/a</td> </tr> <tr> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> </tr> </table>		high	modera	low	not samp	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> n/a	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Plot size for cover data: <u>0.1</u> (hectares) <input type="checkbox"/> Stems not sampled on this plot <input type="checkbox"/> Stems absent <input type="checkbox"/> Stems present <u>Plot size stems: 0.1 (ha)</u> Depth (1-5): <u>4</u> Intensive modules: <u>2, 3, 8, 9</u> (EDIT IF MODIFIED) Camera No.: <u>2</u> Photo No.: <u>C2-1139</u>					
high	modera	low	not samp																				
<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/> n/a																				
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>																				
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<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>																				
RAISONNÉ - REAS PT. <u>VER</u> - Mesic floodplain woods with dominant Acer canopy with native <u>Quercus rubra</u> ; subcanopy Acer; shrub layer mostly Acer and <u>Prunus</u> ; ground layer dominated by <u>Lindera</u> ; herb layer dominated by <u>Allium</u> , few ephemerals spp. present (Trillium, <u>Clintonia</u> , <u>Clintonia</u> , <u>Clintonia</u>)				OVER																			
Minimum required fields in Bold and Underlined																							

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

Browse MTF with favored species most heavily browsed; browse line may be present

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

Project Label:	PCAP	Project Name:	21201	Plot No.:	3415	Page 2 of 2			
CLASSIFICATION		STAND SIZE				DISTURBANCES			
(F=I = excellent good, fair, poor, CONF = high, med, low)		<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				<input type="checkbox"/> Human <input type="checkbox"/> Natural <input type="checkbox"/> Fire <input type="checkbox"/> Cut <input type="checkbox"/> Animal <input type="checkbox"/> Other			
Hydrogeomorphic class (WETLANDS ONLY):						<input type="checkbox"/> severity** <input type="checkbox"/> yrs ago <input type="checkbox"/> % of plot <input type="checkbox"/> description			
<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, weekly ombrotrophic)						<input type="checkbox"/> L <input type="checkbox"/> 1 <input type="checkbox"/> 1/1. <input type="checkbox"/> trash			
						**L=low, M=med low, M=med, H=med high, H=high, VH=very high			
						<input type="checkbox"/> Excessively drained <input type="checkbox"/> Somewhat excessively drained <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			
						<input type="checkbox"/> Intermittently flooded <input type="checkbox"/> Semipermanently flooded <input type="checkbox"/> Permanently flooded <input 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 (e.g. wind, storms) <input type="checkbox"/> Unknown			
						HYDROLOGIC REGIME*			
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									
MODIFIED NATURE RESERVE CLASS*									
CODE (on separate form): <input type="checkbox"/> L <input type="checkbox"/> o <input type="checkbox"/> /									
COMMUNITY NAME: <i>Mesic Floodplain</i>									
LANDFORM TYPE*:									
HOMOGENEITY						<input type="checkbox"/> Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.) <i>Fruiting trillium observed in plot (highly browsed)</i>			
<input type="checkbox"/> Homogeneous <input type="checkbox"/> Compositional trend across the plot <input type="checkbox"/> Conspicuous inclusions <input type="checkbox"/> Irregular/pattern mosaic									

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet

Page 1 of 2

Project Label: PCAP Project name: 01/RR2011 Plot no.: 3415

Total modules: 10 Intensive modules: 4 Plot configuration: 2X5 Plot area (ha): 0.1

Visual est. % open water entire site: 0 Visual est. %unveg.o.w. entire site: 0

Visual est. %invasives entire site: 3



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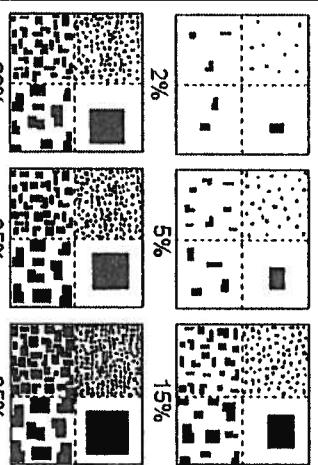
Br = Browse Level. Use cover classes to describe amount of browse per species over entire plot

Estimate for each intensive module:

mod	corner																		
depth	cov																		
1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
2	1	2	1	1	0	1	0	1	0	1	0	1	0	1	0	1	0	1	0
3	2	3	2	2	1	2	1	2	1	2	1	2	1	2	1	2	1	2	1
4	3	4	3	3	2	3	2	3	2	3	2	3	2	3	2	3	2	3	2
5	4	5	4	4	3	4	3	4	3	4	3	4	3	4	3	4	3	4	3
6	5	6	5	5	4	6	5	5	4	6	5	5	4	6	5	5	4	6	5
7	6	7	6	6	5	7	6	6	5	7	6	6	5	7	6	6	5	7	6
8	7	8	7	7	6	8	7	7	6	8	7	7	6	8	7	7	6	8	7
9	8	9	8	8	7	9	8	8	7	9	8	8	7	9	8	8	7	9	8
10	9	10	9	9	8	10	9	9	8	10	9	9	8	10	9	9	8	10	9
11	10	11	10	10	9	11	10	10	9	11	10	10	9	11	10	10	9	11	10
12	11	12	11	11	10	12	11	11	10	12	11	11	10	12	11	11	10	12	11
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51	50	51	50	50	49	51	50	50	49	51	50	50	49	51	50	50	49	51	50
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72	71	72	71	71	70	72	71	71	70	72	71	71	70	72	71	71	70	72	71
73	72	73	72	72	71	73	72	72	71	73	72	72	71	73	72	72	71	73	72
74	73	74	73	73	72	74	73	73	72	74	73	73	72	74	73	73	72	74	73
75	74	75</																	

EXAMPLES OF PERCENT OF AREA COVERED

The following graphic can be used for various data elements to convey 'Amount' or 'Quantity'. NOTE: Within any green box, each quadrant contains the same total area covered, just different sized objects.



cover class	% cover	midpoint
1	solitary or few	0.001
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.

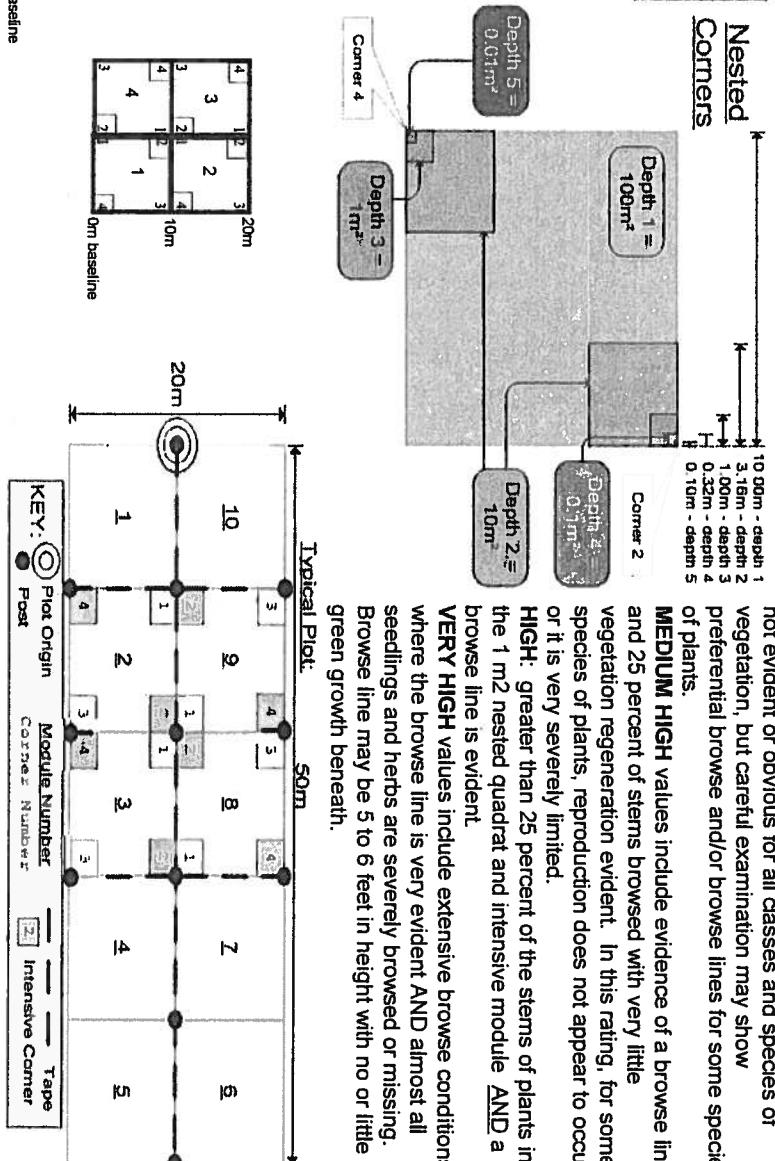
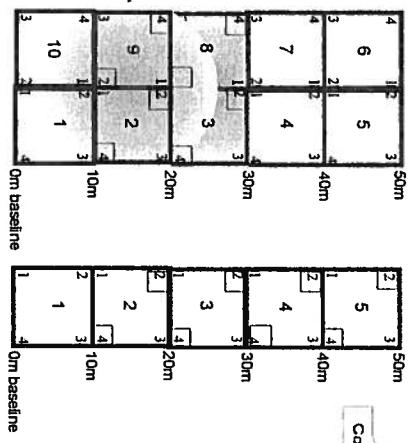
MEDIUM: browse affects greater than 10 percent and less than 25 percent of stems in the 1 m² nested quadrat and intensive module. A browse line is usually not evident or obvious for all classes and species of vegetation, but careful examination may show

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.



CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet

Page 2 of 2

Project Label: PCAP Project name: 01/2011 Plot no.: 3415

Total modules: _____

Visual est. % open water entire site: _____

Intensive modules: _____

Visual est. %unveg.o.w. entire site: _____

Plot configuration: _____

Plot area (ha): _____



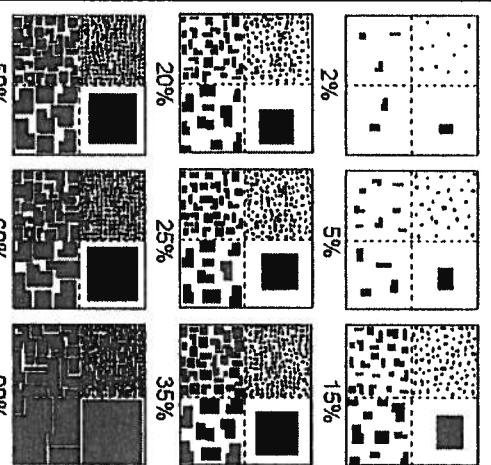
**Cleveland
Metroparks**

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

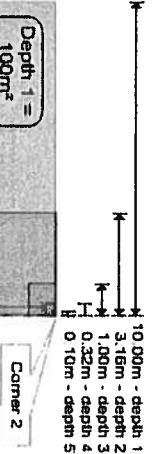
T	S	H	(F)	(A)	Br	Species	C	Voucher #	Estimate for each intensive module:												
									mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	
depth	cov	depth	cov	depth	cov	depth	cov	depth	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	
2	1	3	1	1	Ulmus sp.				2	4	2	2	3	4	3	2	6	4	8	2	9
2	1	10	1	1	Ranunculus recurvatus				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Cypripedium candidissimum				1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	2	1	1	Leontis virginica				1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	3	1	1	Prisumma trifoliolus ssp. triphyllum				1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	Gentis geoides (var.)				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Ranunculaceae sp.				1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	Saxicola canadensis				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Carica sp.				1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	10	1	1	Hydrophyllum canadense				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Cirsium heterophyllum				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Actaea elata				1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	Anemone nemorosa				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Botrychium sp.				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Acerum canadense				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Verbesina alternifolia				1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	4	1	1	Hemimallus filiformis				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Moss sp.				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Fragaria ananassa				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Aesculus glabra				1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	Salicag sp.				1	1	1	1	1	1	1	1	1	1	1	1	1
1	1	1	1	1	Sambucus sp.				1	1	1	1	1	1	1	1	1	1	1	1	1

EXAMPLES OF PERCENT OF AREA COVERED

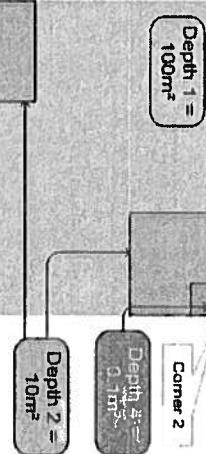
The following graphic can be used for various data elements to convey "Amount" or "Quantity". NOTE: Within any given box, each quadrant contains the same total area covered, just different sized objects.



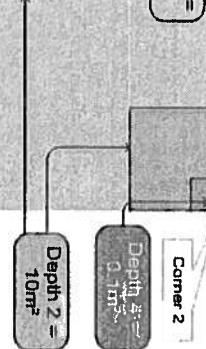
Nested Corners



Depth 5 =
0.01m²



Depth 1 =
100m²



Depth 2 =
10m²



Depth 3 =
1m²

Depth 4 =
0.1m²

Depth 5 =
0.01m²

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.

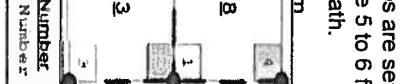
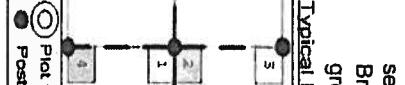
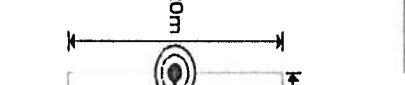
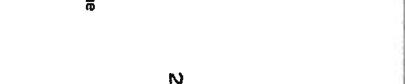
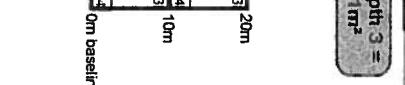
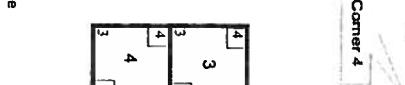
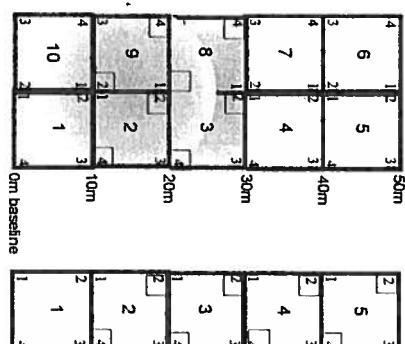
HIGH: greater than 25 percent of the stems of plants in the 1 m² nested quadrat and intensive module AND a browse line is evident.

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 growth beneath.

Typical Plot:

50m

0m baseline



CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

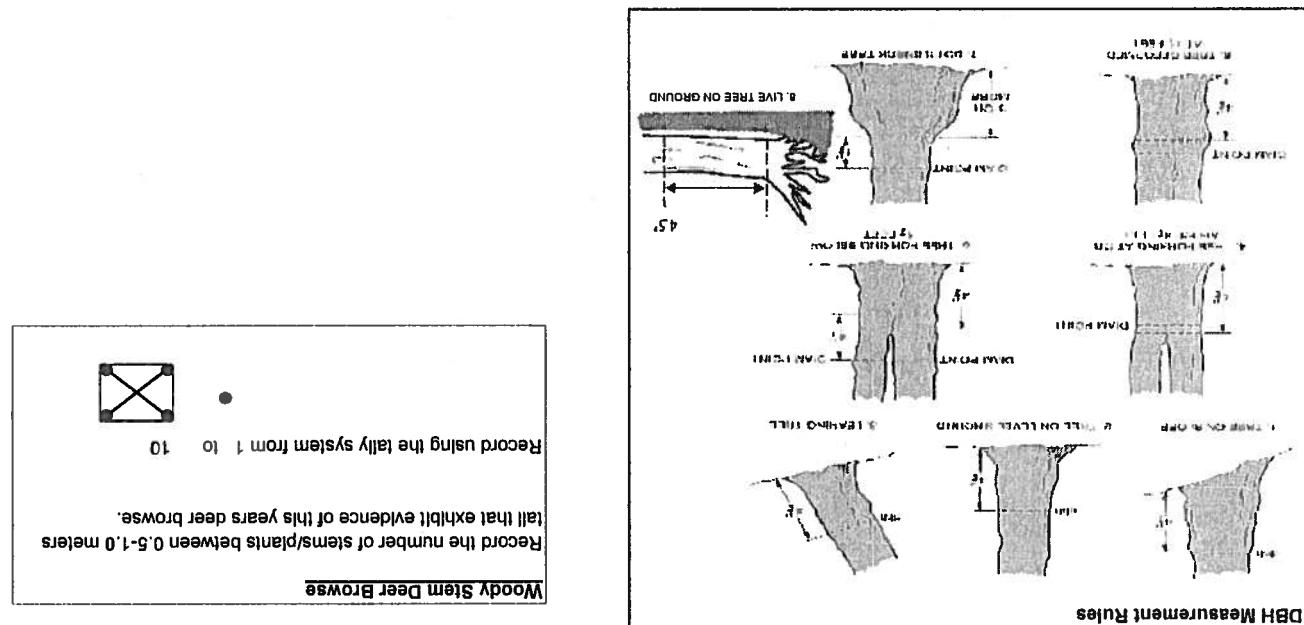
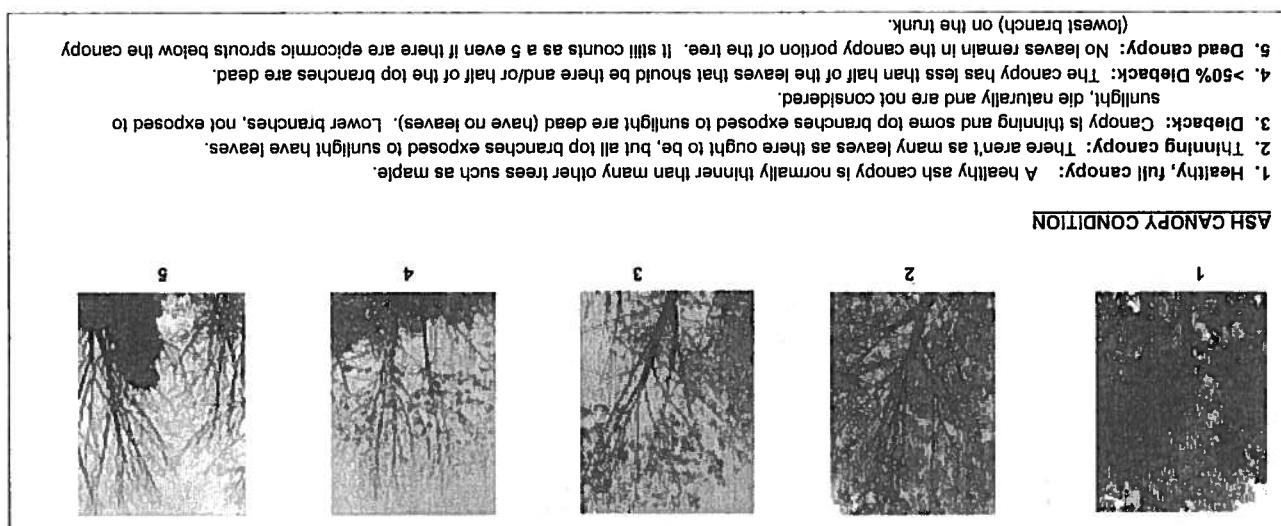
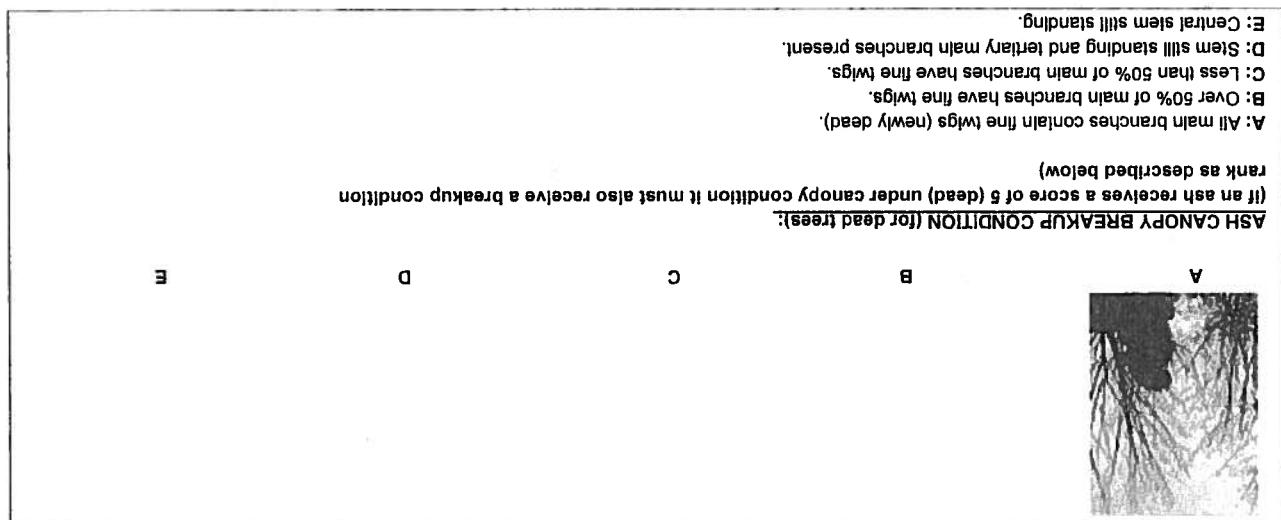
Project Label: PCAP

Project Name: CIRR201

Plot No.: 3415 Page: 1 of 2

Explain subsample (additional room on back):

mod #	species	c voucher#	# stems 0.5-1m browsed	% sub sample	# shrub clumps	size class (cm) woody stems >1m										>40 (record each tree)
						1	2	3	4	5	6	7	8	9	10	
1	<i>Acer saccharum</i>					•	•	•	•	•	•	•	•	•	•	•
1	<i>Acer nigrum</i>					•	•	•	•	•	•	•	•	•	•	•
1	<i>Lindera benzoin</i>		•		4											
2	<i>Ostrya rubra</i>															95.2
2	<i>Acer nigrum</i>					•	•	•	•							
2	<i>Acer saccharum</i>					•	•	•	•							
3	<i>Acer nigrum</i>					•	•	•	•							
3	<i>Acer saccharum</i>					•	•	•	•							
3	<i>Acer nigrum</i>					•	•	•	•							
4	<i>Celtis occidentalis</i>		•													
4	<i>Acer saccharum</i>					•	•	•	•							538,47.2
4	<i>Lindera benzoin</i>					1										
4	<i>Prunus serotina</i>					•										
4	<i>Fraxinus sp.</i>					•										
4	<i>Celtis occidentalis</i>					•										
5	<i>Acer saccharum</i>						•	•	•							
6	<i>Acer nigrum</i>						•	•	•							
6	<i>Acer saccharum</i>						•	•	•							
6	Shortening dead						•	•	•							
6	<i>Lindera benzoin</i>					1										
7	<i>Acer saccharum</i>					•	•	•	•							
7	<i>Prunus serotina</i>					•										
7	<i>Fraxinus sp.</i>					•										
7	<i>Lindera benzoin</i>					1										
8	<i>Acer nigrum</i>						•	•	•							62.1



CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP

Project Name: 01RR2011

Plot No.: 3415

Page: 2 of

Explain subsample (additional room on back):

ASH CANOPY BREAKUP CONDITION (for dead trees):				
	A	B	C	D
rank as described below:				
(if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below):				
A: All main branches contain fine twigs (newly dead).	B: Over 50% of main branches have fine twigs.	C: Less than 50% of main branches have fine twigs.	D: Stem still standing and tertiary main branches present.	E: Central stem still standing.

ASH CANOPY CONDITION				
	1	2	3	4
1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.				
2. Thinning canopy: There are not as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.				
3. Diback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.				
4. >50% Diback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.				
5. Dead canopy: No leaves remain in the canopy portion of the tree. If still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.				

DBH Measurement Rules	
<p>Record using the tally system from 1 to 10</p> <p>Record the number of stems/plants between 0.5-1.0 meters tall that exhibit evidence of this year's deer browse.</p> <p>Woodly Stem Deer Browse</p> <p></p>	

CLEVELAND METROPARKS Emerald Ash Borer - *Fraxinus* Sheet

Project Label: PCAP

Project Name: **DIR201**

INTENSIVE MODULES ONLY

TREES $\geq 10\text{cm}$ ONLY

Page: 1 of 2

PRINTED DATE: 8/4/11

Plot No.: **3415**Date: **8/4/11**

Module Tree ID	Species	Dead c	Voucher #	DBH (cm)	Ht @ DBH	Ash condition	ASH Only		
							*Dead holes	# Exit holes	Epicormic present
1	LD Ash tree only								
2	LD Ash tree only								
3									
4									
5									
6									
7									
8									
9									
10									
11									
12									
13									
14									
15									
16									
17									
18									
19									
20									
21									
22									
23									
24									
25									

ASH

Only

ASH

COVER BY STRATA (% estimate using midpoints of Int. 1, 1.13, 1.52)	
Shrub	5
Tree	5
Shrub	5
Herb	5
(Feature)*	-
(Vegetation)**	-

Rooted and floating or slightly emersed	
submerged, most plant mass below surface	
SEE BACK OF PAGE FOR "TYPICAL"	
STRATA DESCRIPTIONS, STRATA CAN VARY BY COVER TYPE.	

EARTH SURFACE & GROUND COVER	
Underlying Earth Surface	Ground Cover
(Sum = 100%)	percent
Histosol	0
Mineral Soil	100
Gravel/Cobble*	0
Boulder**	0
Bedrock	0
*Gravel/Cobble = 1/16 to 1 in	
**Boulder = > 10 in	
...>5 cm in diameter	
...<5 cm in diameter	
Water	0
Bare Soil	8
Road/Trail	0
Other	0

Remember: In a standard 2x5 plot each module = 10% cover

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Rank for microhabitat features. Select one or select two and average the sum. NOTE: If mod falls on a slope automatically gets ranked based on steepness (1-3)

Slope 1 = slight elevational grade across module (flat)

Slope 2 = falls on slope ~20°

Slope 3 = maximum steepness that can be safely sampled ~45°

0 feature is absent or functionally absent (Golf Course Flat)

1 feature is present in very small amounts or is more common, of low quality

7 feature is present in moderate or greater amounts and of highest quality

10 feature is present in moderate or greater amounts and of highest quality

C.W.D. - count for pieces with minimum 1m length									
no of wscks	no of hummocks	no macro depressions	c.w.d.	c.w.d.	c.w.d.	c.w.d.	microhab.	microhab.	
depths 3	depth 2	depth 1	(2-12 cm)	(12-40cm)	>40 cm	intensity			
1x1m	10x10cm	10x10cm	10x10cm	10x10cm	10x10cm	depth 1	SLPDE		
(count)	(count)	(count)	(count)	(count)	(count)	(count)	(count)	(count)	
2	0	3	16	0	0	2	0		
3	0	0	2	14	0	0	2	0	
8	0	0	4	13	0	0	2	0	
9	0	0	3	15	0	0	2	0	

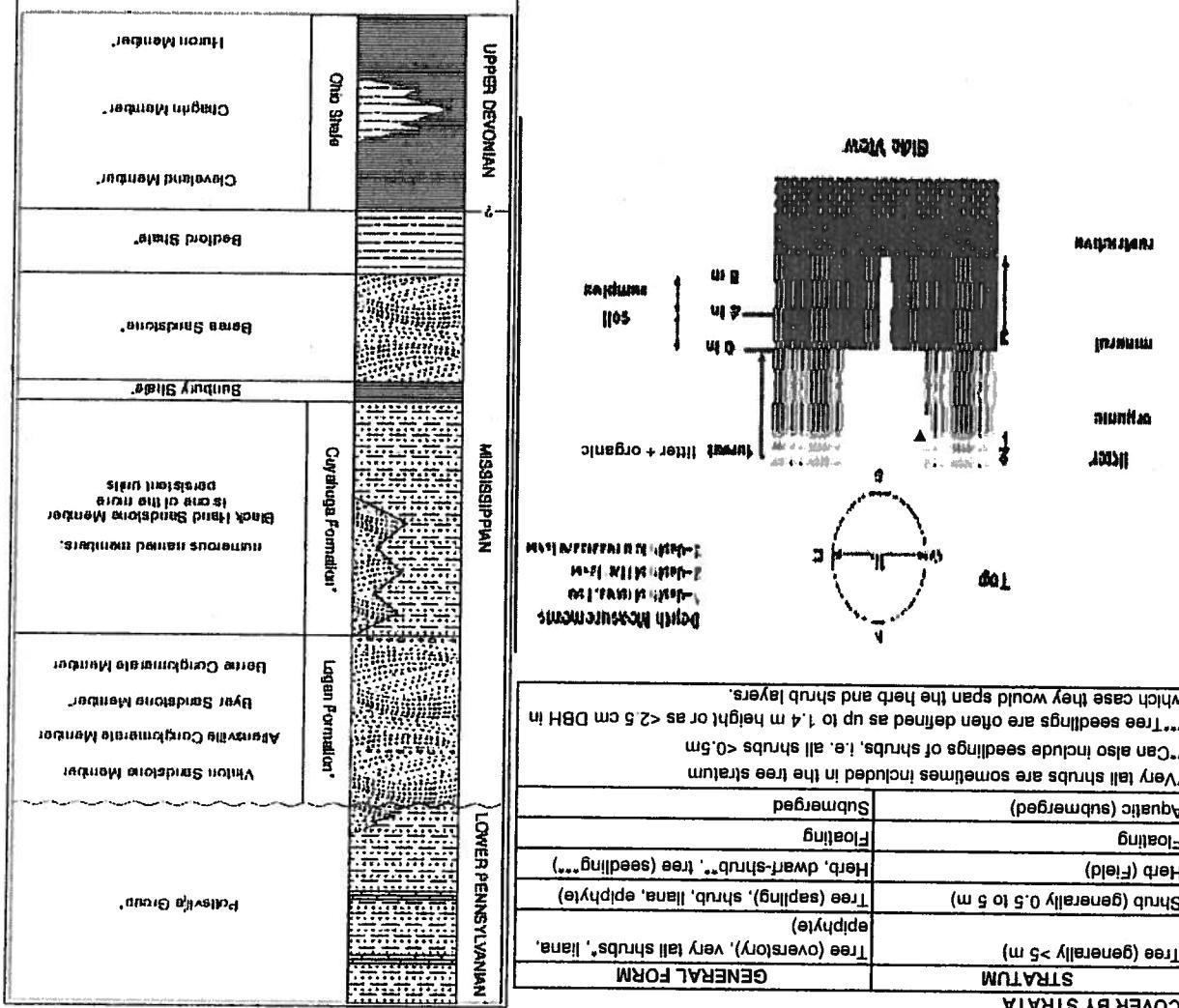
MCNAB INDICES (degrees) + for up - for down [FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD]				
	Alt. aspect	N		
	L.FI*	TSI**		
L.FI is angle of plot to the horizon. TSI is angle formed by local slopes. For TSI measure angle from recorder eye to eye of person standing ~10 m away.				
+45 degrees	NE			
+90 degrees	E			
+135 degrees	SE			
+180 degrees	S			
+225 degrees	SW			
+270 degrees	W			
+315 degrees	NW			
.. Landform Index (position within landscape)				
.. Terrain Shape Index (site microtopographic shape)				

NOTE: Bushes and hummocks are counted in BOTH nested quadrats corners but counts are aggregated.

macro depressions = macrotopographic depressions with module. These may extend into other modules and be counted again.

c.w.d. = coarse woody debris

microhab. intensives = overall ranking of plot microtopographic intensification complexity using scale below



CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet

Cleveland Metroparks

Project label: PCAP Project Name: 12/2011

Plot No.: 3415

Page: 1 of 1

SOIL PIT DESCRIPTION: Excavate 20 cm plug with shovel. Describe using Munsell chart, visual exam, texture, and odor.

Soil pit module # 2 (one per entire plot)

5 cm	matrix color <u>10 YR 3/2</u>
mottle color	<u>None</u>
%amottle	<u>/</u>
oxid roots	<u>Y</u>
texture*	<u>1</u>
redox features**	<u>Y</u>
hydr. cond. ***	<u>1 S (M) D</u>
20 cm	matrix color <u>10 YR 3/3</u>
mottle color	<u>None</u>
%amottle	<u>/</u>
oxid roots	<u>Y</u>
texture*	<u>1</u>
redox features**	<u>Y</u>
hydr. cond. ***	<u>1 S (M) D</u>

Soil Collection Module	Horizon (A, B, C)
2,3,8,9 composited	<u>A</u>

Soil Description/notes:

Web Soil Survey Information:

Soil Series/Type: Chagrin Silt Loam - Ch

Soil Series Source: Ohio Soil Survey

Landform type: Flood Plain

Parent Material: Alluvium

SOIL DEPTH MEASUREMENT INSTRUCTIONS: Measure to the nearest 0.1 cm in center of intensive modules. If >30.5 cm, record as >30

mod#	1 litter + organic depth (cm)	2 litter depth (cm)	3 restrict. depth(cm)	water depth	sat soil depth
2	2.0	2.0	>100	0	>30
3	3.2	3.2	>100	0	>30
8	1.8	1.8	>100	0	>30
9	2.1	2.1	>100	0	>30

8.25-11
2B

Length of soil probe = 125 cm (approx)

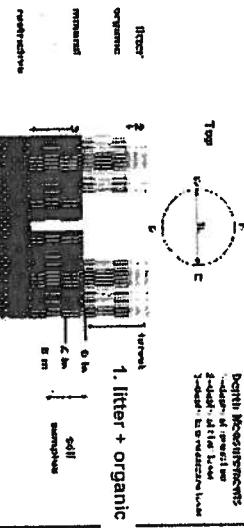
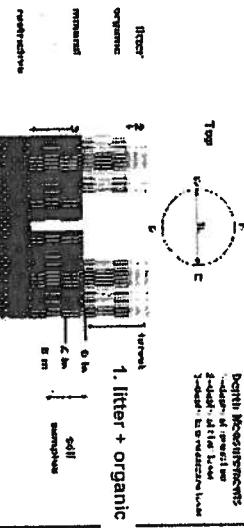
* Use Web Soil Survey for #3 Restrictive layer dept.

Depth to root feet.
>80 in.

- wet areas. Litter depth

Depth measurements taken at the base of the litter layer

1. litter + organic



STANDING BIOMASS (required for emergent wetlands): collected in 0.1m clip plots (32x32 cm) from corners 1 and 3 in each intensive module. Required for VIBI-E score calculation. C? = check when collected

Module #	C?	Corner	Corner

PLOT COORDINATES											
Fill bubble if present - Plot 1	2	3	Flag	Fill bubble if present - Plot 1	2	3	Flag	Fill bubble if present - Plot 1	2	3	Flag
Eurasian Watermilfoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Purple Loosestrife	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Johnson Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Water Hyacinth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Kudzu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Yellow Floating Heart	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Japanese Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Mulitiflora Rose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Giant Salvinia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Perninal Pepperweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Common Buckthorn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Garlic Mustard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Giant Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Himalayan Blackberry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Polson Hemlock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Chenopodium	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Tamarsk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Mile-A-Minute Weed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Reed Canary Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Birdsfoot Trefoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Common Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Canada Thistle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Lazy Purple	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble.											
If Buffer Plot 3 can not be accessed, take the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates were taken and will indicate the location of the nearest practicable Buffer Plot.											
If Buffer Plot 3 can not be accessed, take the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates were taken and will indicate the location of the nearest practicable Buffer Plot. Plots are placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.											
Flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.											
Flag											
Location of coordinates (choose one):											
AA CENTER <input type="radio"/> N3 <input type="radio"/> S3 <input type="radio"/> E3 <input type="radio"/> W3 <input type="radio"/> Nearest practicable location (Flag and comment below)											
Latitude North 41.42156 Longitude West -85518 Use Decimal Degrees; NAD83											

Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble

Site ID: PCAP RE 3415 DATE: 08/04/2011

Reviewed by (initials):

FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back)

FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back)											
Site ID: PCA 3415 02					DATE: 08/04/2011						
• Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble											
Fill bubble if present - Plot 1	2	3	Flag	Fill bubble if present - Plot 1	2	3	Flag	Fill bubble if present - Plot 1	2	3	Flag
Eurasian Watermilfoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Purple Loosstrife	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Johnson's Grass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Water Hyacinth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Knotweed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kudzu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Yellow Floating Heart	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Japanese Knotweed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Muliflora Rose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Giant Salvinia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Pennisetum Pepperweed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Common Buckthorn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Garlic Mustard	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Garlic Mustard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Himalayan Blackberry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Polson Hemlock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chenopodium	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tamarisk	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Mile-A-Minute Weed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reed Canary Grass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Common Reed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bladderwrack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Common Reed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bladderwrack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Common Reed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leaky Spurge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Canada Thistle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Common Reed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Bladderwrack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Common Reed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leaky Spurge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Bladderwrack	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Common Reed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox				

Use Decimal Degrees! NAD83

Plot Coordinates

Flag	1	2	3	Flag	1	2	3	Flag	1	2	3	Flag
Eurasian Watermilfoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Purple Loosestrife	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Johnsongrass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flag
Water Hyacinth	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kudzu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Kudzu	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flag
Yellow Flowering Heart	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Japanese Knotweed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Muliflora Rose	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flag
Giant Salvinia	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Prefernial Pepperweed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Common Buckthorn	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flag
Garlic Mustard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Giant Reed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Himalayan Blackberry	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flag
Poison Hemlock	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Chesnograss	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Tamerski	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flag
Mile-A-Minute Weed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Reed Canary Grass	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flag
Birdsfoot Trefoil	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Common Reed	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flag
Canada Thistle	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Leaky Spurge	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Other:	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flag
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble

Reviewed by (Name):

FORM B-11: BUFFER SAMPLE PLUGS - LARGE EU ALIEN SPECIES (BACK)

Flag	Comments
1	Plot 3 lands in river.
2	GPS point taken at river bank.

2	Latitude North 41 • 42 1.50	Longitude West 81 • 85 4 6 8
Use Decimal Degrees; NAD83		
Flag	Location of coordinates (choose one):	
AA CENTER <input type="radio"/> NS3 <input type="radio"/> S3 <input checked="" type="radio"/> E3 <input type="radio"/> W3	Nearest practicable location (flag and comment below)	
<p>If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transsects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.</p>		

PLOT COORDINATES											
Fill bubble if present - Plot 1	2	3	Flag	Fill bubble if present - Plot 1	2	3	Flag	Fill bubble if present - Plot 1	2	3	Flag
Eurasian Watermilfoil	<input type="radio"/>	<input type="radio"/>	Purple Loosestrife	<input type="radio"/>	<input type="radio"/>	Johnson Grass	<input type="radio"/>	<input type="radio"/>			
Water Hyacinth	<input type="radio"/>	<input type="radio"/>	Knotweed	<input type="radio"/>	<input type="radio"/>	Kudzu	<input type="radio"/>	<input type="radio"/>			
Yellow Floating Heart	<input type="radio"/>	<input type="radio"/>	Japanese Knotweed	<input type="radio"/>	<input type="radio"/>	Mulberry Rose	<input type="radio"/>	<input type="radio"/>			
Giant Saurina	<input type="radio"/>	<input type="radio"/>	Pennant Pepperweed	<input type="radio"/>	<input type="radio"/>	Common Buckthorn	<input type="radio"/>	<input type="radio"/>			
Garlic Mustard	<input type="radio"/>	<input type="radio"/>	Garlic	<input type="radio"/>	<input type="radio"/>	Himalayan Blackberry	<input type="radio"/>	<input type="radio"/>			
Polson Hemlock	<input type="radio"/>	<input type="radio"/>	Cheatgrass	<input type="radio"/>	<input type="radio"/>	Tamask	<input type="radio"/>	<input type="radio"/>			
Mile-A-Minute Weed	<input type="radio"/>	<input type="radio"/>	Reed Canary Grass	<input type="radio"/>	<input type="radio"/>	Other	<input type="radio"/>	<input type="radio"/>			
Blodsoot Trefoil	<input type="radio"/>	<input type="radio"/>	Common Reed	<input type="radio"/>	<input type="radio"/>	Other	<input type="radio"/>	<input type="radio"/>			
Canada Thistle	<input type="radio"/>	<input type="radio"/>	Leafy Spurge	<input type="radio"/>	<input type="radio"/>	Other	<input type="radio"/>	<input type="radio"/>			

Confirm a filled bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble

Site ID: PCAP RR 3411	Date: 08/04/2011
Reviewed by (initials):	
FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back)	

FORM B-1: BUFFER SAMPLE BLOCKS - TARGETED ALIEN SPECIES (BacK)

• Contains a filled data bubble [indicates presence and an unfilled bubble [indicates absence by filling in this bubble

11 21

Common Name	Botanical Name	Flower Color	Lighting	Watering	Soil Type	Temperature	Fertilizer	Pest Resistance	Pruning	Propagation	Notes
Yellow Flying Heart	<i>Malva trimestris</i>	Yellow	Full Sun	Water weekly	Well-drained	65-75°F	General purpose	High	Prune after flowering	Division	Easy to grow, attracts butterflies.
Japanese Knautia	<i>Knautia japonica</i>	White, Pink, Purple	Full Sun	Water weekly	Well-drained	65-75°F	General purpose	High	Prune after flowering	Division	Attracts butterflies and bees.
Muliflora Rose	<i>Rosa multiflora</i>	White, Pink, Red	Full Sun	Water weekly	Well-drained	65-75°F	General purpose	High	Prune after flowering	Division	Attracts butterflies and bees.
Great Southern	<i>Malva trimestris</i>	Yellow	Full Sun	Water weekly	Well-drained	65-75°F	General purpose	High	Prune after flowering	Division	Attracts butterflies and bees.

Provide GPS coordinates at the center of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot center by filling in the appropriate bubble.

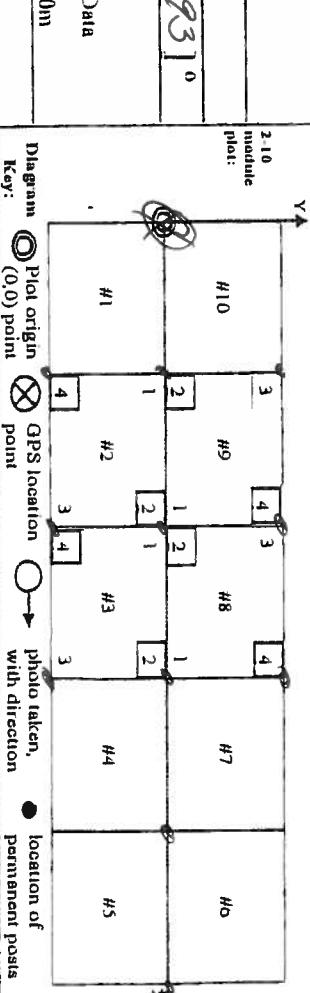
Frogs are centered on the Bumer images and the coordinates will indicate the location of the resept. Fill in the box, and describe where the coordinates and the coordinates will be taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the label accessible Buffer Plot.

AA CENTER N3 S3 E3 W3 Nearest practicable location (flag and comment below)

Flag	Comments
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Bluffer Sample Points - Tracked All 06/27/2011 06/27/2011 7966623548

CLF/WEI AND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION		LOCATION	
Project Label:	PCAP	State:	OH
Project Name:	<u>OIRR 2011</u>	County:	
Plot Name:		Quadrangle:	
Plot No.:	<u>34/5</u>	Local Place Names:	
		Landowner:	
		X-axis Bearing of plot:	<u>123</u> °
		Y-axis Bearing of plot:	
Date (mm/dd/yyyy):		Check one: <input type="checkbox"/> Public data <input type="checkbox"/> Private Data	
End date (if > 1 day):	/ /	<input type="checkbox"/> Fuzz 100m <input type="checkbox"/> Fuzz 250m <input type="checkbox"/> Fuzz 500m	
Party	Role**	Reason:	
	Plot Leader	If date not public why?	
		Source of coordinates <input type="checkbox"/> MAP <input checked="" type="checkbox"/> GPS	
		GPS location in plot x=0 to 5, y=-1, 0, +1):	
		x = <u>0</u> y = <u>0</u> (base of plot x=0, y=0)	
Coordinate system:		Coord. Units	Plot placement: <input type="checkbox"/> Representative <input checked="" type="checkbox"/> Grids <input type="checkbox"/> Random <input type="checkbox"/> Stratified Random
		Lat/long <input type="checkbox"/> UTM <input type="checkbox"/> StatePlane	<input type="checkbox"/> Transect component <input type="checkbox"/> Systematic (Grid) <input type="checkbox"/> Capture specific feature <input type="checkbox"/> Other
PLOT NOT SAMPLED:		<input type="checkbox"/> Other (specify) <u>m n a</u>	<input type="checkbox"/> 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.
Permit, water: <input type="checkbox"/> Paved <input type="checkbox"/> Slope <input type="checkbox"/> Safety			
SAMPLING QUALITY*			
Effort Level: subjective evaluation of how much effort put into sampling. Hasty plots may still provide good data			
<input type="checkbox"/> Very thorough <input type="checkbox"/> Accurate <input type="checkbox"/> Hasty			
TAXONOMIC ACCURACY			
	high	modera.	low
vascular			not samp
ligno			n/a
lichen			
TAXONOMIC STANDARD			
Authority:	G&C	Pub Date	1998
Minimum required fields in Bold and Underlined			
*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide			
 Plot layout - Standard 2x5 LOCATION - Parking at gravel lot just N of Brook Park Rd. Bridge on E side of road. Plot is E toward river when sloping down from terrace onto floodplain. must cross mucky, seepy stream - boots not required as suitable crossing pts can be found. Rationale - GETS pt back VEG - Mesic floodplain woods with dominant sugar maple canopy; native ash, red oak as well			
Depth: (1-5): <u>1</u> Intensive modules: 2, 3, 8, 9 (edit if modified) Camera No.: _____ Photo Nos.: _____			

OVER

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, weekly ombrotrophic)
- Fit= _____ Conf= _____
Fit= _____ Conf= _____

Ohio EPA VIB 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:**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

Fit= _____ Conf= _____
Fit= _____ Conf= _____

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

Current Land Use:**Former Land Use:****SALINITY***

- Upland (seldom flooded)
 Intermittently flooded
 Semipermanently flooded
 Permanently flooded
 Tidal/Seiche flooded daily
 Tidal/Seiche flooded monthly
 Tidal/Seiche flooded irregular (e.g. wind, storms)
 Temporarily flooded
 Unknown

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

- Homogeneous

- Compositional trend across the plot

- Conspicuous inclusions

- Irregular/pattern mosaic