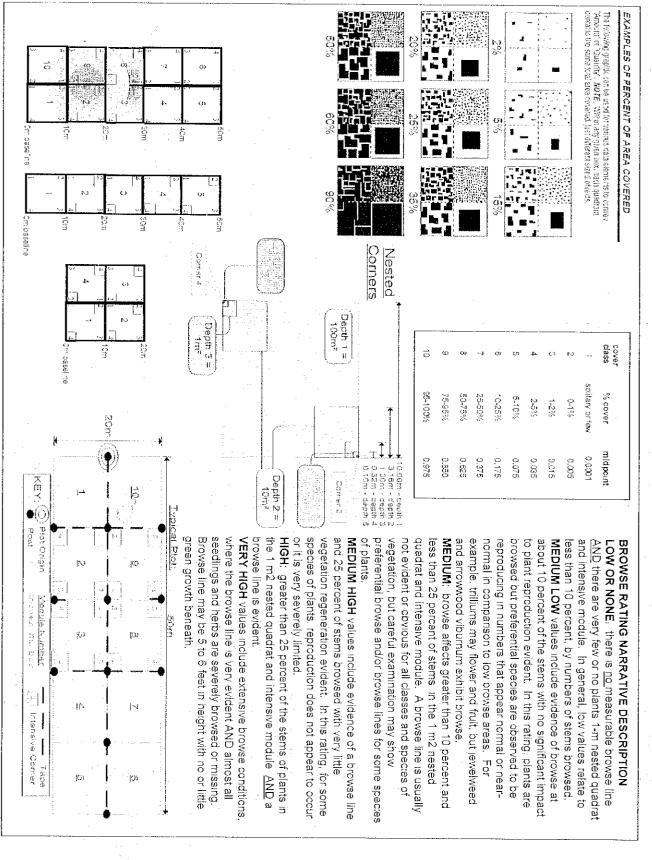
roject Label:	PCAP	Plot Noz	Duality Control Form  317 Date Sampled: 6-3-11 Lead: Eyse
			Comment required if item answer is NO  If yes, write details in Comments section below
arking/Access outside		Y (N)	H yes, write details in Columents section below
ield journals complete		+23-N-	
ite sketch made on 1.3	-/	N N	
	X-axis Bearing of plot recorded	TY N	
,	GPS coords, Recorded	- X N -	
	North direction recorded	(V) N	
	Photographs taken?	- X-N	
lot No., Date agreeme	ont on all pages?	N N	
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over classes recorded	in all Intensive inodules	<u>'(x)</u> n	
Browse Level By Spec	jes	N N	
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Voucher Location	Refrigerator	Y N _	The second secon
(# vouchers collected)	Press (#)		Taiter number to left
	Drier	N	
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	Mounted	YN	
<u></u>	Thrown away	Y N	
GRIS point verifica	tion: Is plot sampleable?		
Yes	Original GRTS point is sampleable		
□ No	Original GRIS point lands in a no		fill in category below)
	D Point falls in a water (i.e. rive		
	Managed mowed area (i.e. get)	lf course, picnic area, ti	ght-of-way)
	☐ Paved area (i.e. parkinglot, toad	<u>}</u>	
	Unsafe to sample (i.e. steep ske	spe)	
	□ Other	<del>_</del>	

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	ım - Background Data	Sheet	Sold in well and the sold makes
Project Label: PCAP	Project Name:	1000 N	Plot No.: 34) 7 Page 2 of 2
CLASSIFICATION	STAND SIZE	DISTURBANCES	
(FIT = excellent, good, fair, poor, CONF = high, med, low) Fit and Confidence		type" severity**   yrs ago   % o	% of plot description
Hvdrogeomorphic class (WETLANDS ONLY):	□ >1,000 x plot size		
c DEPRESSION Fir=Conf=	□ > 100 x plot size	Natural	
□ IMPOUNDMENT □ Beaver □ Human Fit= Conf=	⊏ 10-100 x plot size	Fire	
⊃ RIVERINE ⊃ Headwater ⊃ Mainstem ⊏ Channel Fir— Conf=	3-10 x plot size	Cut	
□ SLOPE (ground water hydrology or on a physical slope) Fir—Conf=	□ 1-3 x plot size	Animal MH 0 1	00 Dear 18/0wse
□ FRINGING = Reservoir □ Natural Lake Fi= Conf=	⊏ < plot size	Other	
□ COASTAL (specify subclass) Fir=Conf=		**L=low; ML=med low; M=med, MH=med high, H=high, VH=very high	=med high, H=high, VH=very high
□ BOG (strongly, moderately, weekly ombrotrophic) Fit= Conf=		Current Land Use: CM Pa	25K
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):		Former Land Use:	
□ FOREST ⊂ swamp forest ⊐ hog forest ⊐ forest seep Fir=Conf=		HYDROLOGIC REGIME*	
□ EMERGENT □ marsh □ wet meadow □ open bog Fit= Conf=	SALINITY*	Vipland (seldom flooded)	□ Internattently flooded
□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen Fi= Conf=	□ Saltwater	□ Intermittently/seasonally saturated	□ Semipermanently flooded
MODIFIED NATURESERVE CLASS*	□ Brackish	(seldom flooded)	= Permanently flooded
CODE (on separate form): $\bigcirc$ $Fit= \frac{6}{3}$ $\bigcirc$ $\bigcirc$ $\bigcirc$ $\bigcirc$	⊐ Fresh	= Permanently/Semipermanent, saturated	n
CONTRIBUTE MALVE A	(by default unless what is:	(dry < l/yr, seldom flooded)	Tidal/Seache flooded monthly  Tidal/Seache flooded in-
,	wetland)	(ov aerault unless plot is all Occasionally flooded (<1/yr) wetland)	☐ Lidal/Seiche flooded irregular
Sucressional into Beech humbock		1	C Unknown
HOMOGENEITY Additional notes & diag	rams: (Representativeness of	Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)	manurity, etc.)
Attomogeneous Plot Set u	o up alon	to a slope. C	slope. Canopy is dominar.
E. Conspicuous inclusions,	Dak, Red r	Majole, Tuly po	plar, and becomb
口 Irregular/pattern mosaic	I The succ	RSSIONAL midson	A Sombia con
with witch Itaze and some Amelo	chuser strug	dura Where di	OF Drows / King
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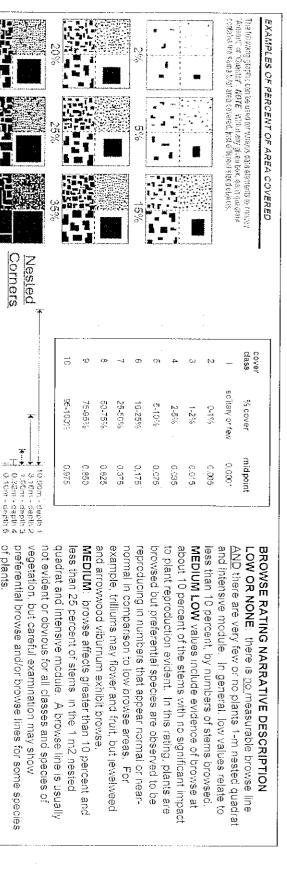
Depth 3 =

40

Depth 2 =

40m

50m



the 1 m2 nested quadrat and intensive module AND a HIGH: greater than 25 percent of the stems of plants in species of plants, reproduction does not appear to occur VERY HIGH values include extensive browse conditions browse line is evident. or it is very severely limited. vegetation regeneration evident. In this rating, for some and 25 percent of stems browsed with very little MEDIUM HIGH values include evidence of a browse line Corners Nested

(Cepth 1 = )

Corner 2

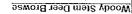
preferential browse and/or browse lines for some species

of plants

green growth beneath Browse line may be 5 to 6 feet in height with no or little seedlings and herbs are severely browsed or missing where the browse line is very evident AND almost all

KmY: (()) Plot Origin Typical Plot Post Chronos Jasebho Mosule Lumber 5000 140 Intensive Comer ede i ķη (0)

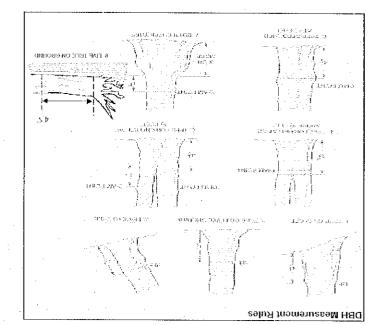
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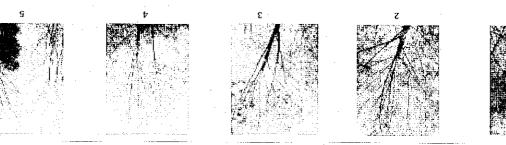


tall that exhibit evidence of this years deer browse Record the number of stems/plants between 0.5-1.0 meters

Record using the tally system from 1 to







# **РЕН САИОРУ СОИDITION**

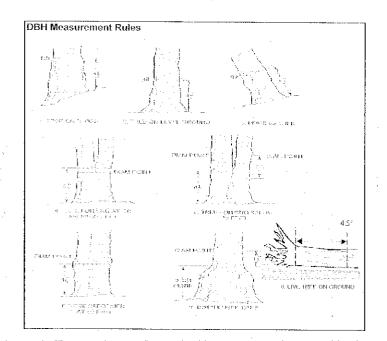
- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple
- 5. Thirming canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves
- sunlight, dic naturally and are not considered. 3° Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to
- 7 > 20% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead
- (lowest branch) on the frunk. 2" Dosq canoby: No leaves remain in the canopy portion of the troc. If still counts as a 5 even it there are opicormic sprouts below the canopy
- VSH CVNODY BREAKUP CONDITION (for dead trees):

(it an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition

# usuk as described below)

- A: All main branches contain fine twigs (newly dead)
- B: Over 50% of main branches have line twigs
- C: Less than 50% of main branches have fine (wigs.
- D: Stem still standing and tertiary main branches present
- E: Central stem still standing

	LEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet   Project Name: クラミスのハ   Plot No.:	PCAP	Assessme	nt Program A	m Natural	2) SC 2011	item Date	ta Sheet Plot No.: 3417	3417		р я О е	ا دا ا		), 2016 (c) 2011	្តីស្រែង ស្រែង ក្រុមមាលភាពក្នុងក្នុងក្នុងក្នុងក្នុងក្នុងក្នុងក្នុង
0 0 1t+	species	e voucher#	#stems ? 0.5-1m or browsed s	% sub # or super   snrub sample   clumps		size class (cm) woody stems > 1 2 2 2 2 2 2 5 - 5 5	- 1	5-<10	50 - <15 - 15	6 - <20	7 20 - <25   25	- <30 30 -	A ယ တ တ	460	11 >40 (record each (168)
W	Hammanelis virginiana						*								
N	Liniodendras tuliphera														41.1
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# Woody Stem Deer Browse

Record the number of stems/plants between 0.5-1.0 meters tall that exhibit evidence of this years deer browse

Record using the tally system from 1 to 10













# ASH CANOPY CONDITION

- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple
- 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves
- 3. Dieback: 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% Dieback: 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 feaves remain in the canopy portion of the tree. It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.



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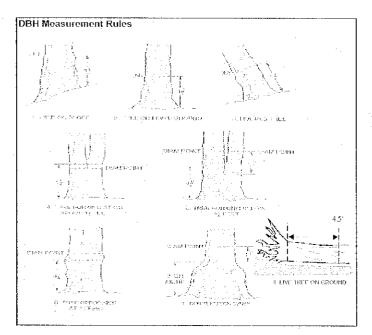
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# ASH CANOPY BREAKUP CONDITION (for dead frees):

(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 tine twigs
- D: Stem still standing and tertiary main branches present
- E: Central stem still standing

7 Acer Sacharum o-CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Maynolia acymineta Carpinas carelinian Berberis Humbersin Hanammelis virginians Amelanchier sp. Acer rubrum Fasus grandifolia Suga Canadensis Fagus grandifolia Tsuga Canadensis Standing Denie Myssa Sylvatica Prunus seretima Explain subsample (additional room on back) Queceus rubca Magnelia acuminata Hamanalis Virginians acpinas Carolinians Lie rodendrantulipitea Cretargus Sp. Carpinus Curolinians Standing Decel Project Label: 0.5-1H # stems or super % sub Project Name: 0\\$C2c/ clumps shrub :1 × • size class (cm) wodby stems >1m • 1 ÷ 6 v V 10 N • 6 • • M • • è P 2.σ-×σ Plot No. 3417 6 \$ Page:  $\omega$ Superation discharge dies かずの られて >40 (record each tree)



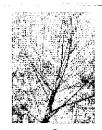
# Woody Stem Deer Browse

Record the number of stems/plants between 0.5-4.0 meters tall that exhibit evidence of this years deer browse.

Record using the tally system from 1 to













# ASH CANOPY CONDITION

- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple
- 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves
- 3. Dieback: 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% Dieback: The carropy 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 It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk



В

A 11

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# ASH CANOPY BREAKUP CONDITION (for dead trees):

(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: Stern still standing and tertiary main branches present
- E: Central stem still standing

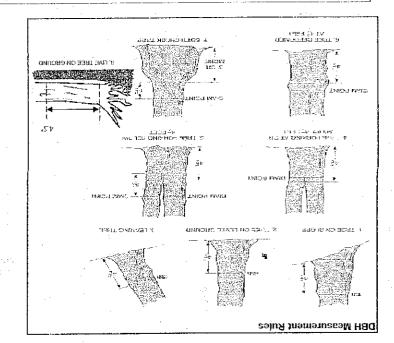
ō õ 0 Ω ۵\_ **%** CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Q, 0 Д **-**<del>،</del> Ø. <del>..</del> ℴℴ 4 \_p Mugnolia acuminata Isusa canadensis Fagus grandifilia Hamamodis virginians Hamammehis Virginiam Smilax cotundifolia Acer Sweharum Magnolia acuminata Barberis thunbergit Liviodendran tuliplitura Suga Canadensis Liviadordian tulipifusa Standing Dead Cretacque Se. Cretaegus Sp. Lagorous Caroliniana Standing Doad Querens rubra Smilax rotundifolia ragus grandifulia YMESCUS TWO CE Project Label: voubner# ± stems browsed 0.**5**-1m or super % sub Project Name: 01502011 ehrub 壮 size class (cm) woody stems >1m ۵ ø • H 9 G э \$ :1 1-<2.5 -2.5-<5 Plot No.: 3417 × 5-<10 15 - <20 \* 20 - <25 Page: 25 - < 30ø 30 - <35 Deleveland Metropaiks 35 - < 40 8 1.10 >40 (record each tres) 7.67 50.7

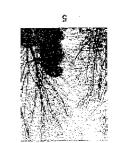
# Woody Stem Deer Browse

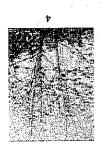
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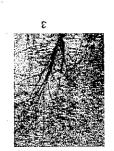
Record using the tally system from t to  $t\theta$ 



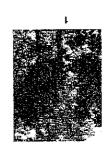








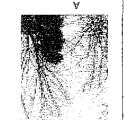




### ASH CANOPY CONDITION

- 1. Healthy, full canopy: There aren't as many leaves as there ought to be, but all top branches exposed to smilight have leaves
- 3. Dieback: 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.
- 2° Desq csuobà: No lesace remain in the caroby portion of the free. It still counts as a 5 even if there are epicormic sprouts below the caropy 4° >50% Diebsck: The caropy has less than half of the foanst as a 5 even if there are desd.

(lowcet branch) on the trunk



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(it sursely teceives a score of 5 (dead) under canopy condition it must also receive a breakup condition ASH CANOPY BREAKUP CONDITION (for dead trace):

rank as described below)

- A: All main branches contain fine twigs (nowly dead).
- B: Over 50% of main branches have fine twigs.
- C: Less than 50% of main branches have line twigs
- D: Stem still standing and tertiary main branches present.
- E: Central stem still standing.

|--|

EARTH SURFACE & GROUND COVER	ACE & GRO	OND COVER	
Underlying Earth Surface⁵	th Surface*	Ground Cover	
(2/09/f = 34/5)	percent	Æach ≤ 160%0	percent
Histosel	O	Comse Wicody Debrie	8
Minoral Soil	94	Fine Woody Debris****	8
Gravel-Cobble*	ο	Liner	88
Bodder**	S	Duff (Serm + Humas)	0
Bedrock	0	Bryophyre-Lichen	×
** Gravel-Cobole = 1/16 to 10 in		Water	o
Boulder = > 10 in		Baro Soil	3
ab om in diameter	S.	Read/Trail	8
•••• <5 cm in dienleter	กละคร	Other	G

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

# MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Slope 1 = slight elevational grade across module (fill) Parks to micronophatisestices. Soled one or solection and everage the score, NOTE: I from this one a slope automatically gets rened based on steephess (1-0) Slope 2 = fa"s on slope ~20 ° Slope 3 a maximum steephess that can be safely sampled ~45 for

- teature is absent or functionally absent (Golf Ocurse Flat)
- testure is present in very small amounts or fitting common, of low quality
- teature's present in moderate amounts, but not of highest dudity, or it small amounts of highost dual ਨ੍ਹਾਂ
- 10 feature is present in moderate or greater amounts and of highest quality

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				œ	0.1	16		(Court)	(m)	depth 1	(P.D. cm)	-in-cwd-
dane		<u>L</u> he L	W-81	0	0		0	(ceunt)	10x10m	depth 1	(1240cm)	c.w.d
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	z Dwr	⊆ Gravel	n Bootleg unsanctioned	Hiking senerioned	o Bridle	⊃ All Purpose	Type	
CROWN COVER (DE			,	£			%Cover	

TRAIL INFORMATION: If trail falls in plot record type and cover for leach

dot count in corresonating space (4 dost per grid square) ENSIOMETER): Make though. S. E. W. Phoe

9	~		2	Module
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-	+315 degrees NW	+270 ceproes W.	-225 degrees SW	#J&C degrees S	~135 dogrees) SE	+90 degrees	-45 degrees NE	At aspect N	LFI* TSI	THILLED OUT USING GIS PROGRAM DO NOT HILL OUT IN HELD!	McNAB INDICES (degrees) + for up - for down
		-10 m sway.	eye to eve of	from recorders	For TSI	by local slopes	honzen TSI is	LFI is angle of	TSI	IN FIELD!	13

" \_endform index (position vátrán landspape)

🕶 Terrain Shape Index (site microtopographic shape)

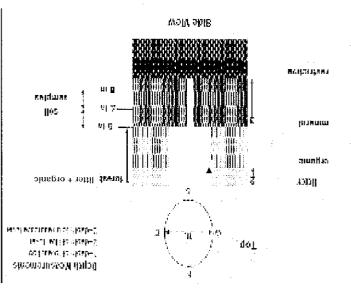
macro debressions = macrotopographia depressions with module. These may extend into other modules and be counted again.

o.w.d. = catinse wabay cebris

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ран не Съяденистро Миниян. Ван не Съяденистро	ញ់នាទើបកម្យាល់ (គេ)	
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"ducses of value"		COWER PENNSYCIANIAN

independent intraced regal to neitro kerdinames)—63-8 JARUDH inherent. endo more solition of interest kerdinames of more solition of more soli

which case they would span the herb and shrub layers. mi HBO ma are often defined as up to 1 A m height or as <2 5 cm DBH in m2 0> adunda lis, e i ladunda to agnilboea ebuleni e all shrubs <0 5m Very tall shrubs are sometimes included in the tree stratum gripuseided Aquatic (submerged) Floating Herb, dwarf-strub\*\*, tree (seedling\*\*\*) lerb (Field) Tree (sapling), shrub, liana, epiphyte) Shrub (generally 0.5 to 5 m) Lice (overstory), very tall shrubs\* liana. ∑ւեթ (deneւցլի >2 ш) **ВЕИЕКА**Г **FORM** MUTAATS COVER BY STRATA



CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet Project label: PCAP Project Name: 0152011

Plot No.: 3417

VIV dieno zad Ostropoda

Page: 1 of 1

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

Soil pit module # 💆 (one per entire plot)

5 cm	matrix color 10 Y/2 Z//	
	%motile	
	oxid roots Y (N	
	texture*	
	redox features** Y (N)	
	hydr. cond *** 1 S M(D)	
20 cm	MAITIN COLOT 10 YR H   4	
	mottle color	
	%mottle	
	oxid roots Y (N)	
	texture*	
-	redox features** Y	
	hydro, cond *** I S M(D)	
refer to	texture classes on reverse side	
ો લંબ	nvarogen sulfice odor, gleving, etc.	
45. 5	S=sanuated M	
worms.	include evidence of earthworms castings, middens)	
300	thworms, astruct,	
7	notations not absented	
5	Seil Pit	
	,	

SOIL SAMPLES Standard procedure: collect a soil intensive module and composite the sample sample of the top 10 cm of soil from center of each

Soil Senes/Type: Bogar+ 10am Soil Senes Source: Ohio Soil Survey	WebSoilSuryry.httogaration:	A., .	Soil Description/notes:		2,3,8,9 composited	Soil Collection Module
100kJ					· 4	Horizon (A, B, C)

and form type: Stream Arraco, and morna of пепт Матепат **ひしゃかぞろち** 

# Moderately well dr. = Well dramed Excessively drained n Poorly dr Somewhat poorly dr. Somewhat excessively

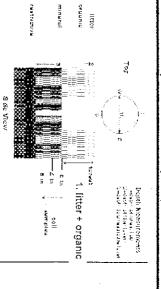
STANDING BIOMASS (required for emergent wetlands): each intensive module. Required for VIBI-E score calculation. collected in 0.1m clip plots (32x32 cm) from corners 1 and 3 m

?=check when collected

			Module #
			C?
			C? Corner
			Corner
		,	

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

		reg	record as >30	O		
	l litter –	2 litter	3 restrict.	water	depth	
	organic depth	depth	depth(cm)	depth	sat soil	*
mod≒	(cm)	(cm)	WSS	(cm)	(cm)	propty to
2	2.5	2,0	33	Ø	>30	かったいか
w	1.5	i O	43	Ø	>30	1807 . J. 187
8	(+5	1.0	ЧH	ō	>36	in the second
9	1.0	0,5 46	46	O	330	tind so fiches
Length o	Length of soil probe ≃ 125 cm	≃ 125 cm				
* Use We	* Use Web Soil Survey for #3 Restrictive layer dept.	ev for #3 R	estrictive la	aver dept		



6aCM PCAP Soils\_Crown cover\_Landform\_Standing Biomass\_Data Sheet\_Ver 2xls.xls last revised 6/23/2011 cen

Dery poony dr. Impermeable surface

Natural Resources Mangement FORM NR/2010-06a

of modeling clay/wet newspaper; the sample should be wet the appropriate layer and moisten it with water to the consistency and 20 cm layers. To estimate texture, collect a soil sample from SOIL TEXTURE: Record the code for the soil texture of the 5 cm

porti a ball and a ribbon should be coded as clayey; samples soil does form a ball, squeeze the sample between your fingers refl the sample into a ball. If the soil will not stay in a ball and has does not freely flow from the sample when squeezed. Attempt to enough that all of the particles are saturated but excess water

and attempt to form a self-supporting ribbon. Samples which form a grainy texture, the texture is either sandy or coarse sandy. If the

1= Loamy 0 = Otganicwhich form a ball but not a ribbon should be coded as loamy.

4= Coarse Sand 3= Sandy

2 = Clayey

e Not measured - make plot note

#

SISVN

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ALO.)

**DERCENT MOTTLES** (USE CLASS CODES):

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Fest.

Committee

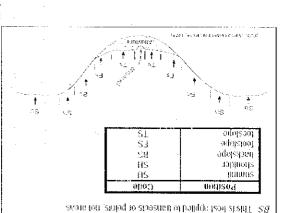
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Sufface Area Covered

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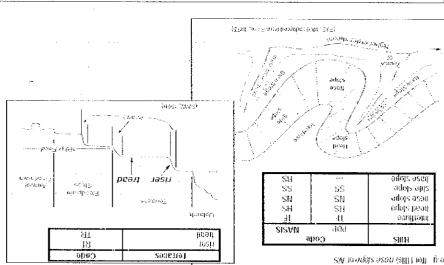
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Geomot hite Component - Hice-dimensional descriptors of parts of barts of barts of prescriptors and Lar Plains-



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quaeusjonal quecultica a closure of line segments (i.e., slope position) 687 - (909 a mailised equiality) notited to POP) - 138



DPLAND: Not a wetland Very rarely flooded. HADBOLOGIC REGIME Modified from Grossman.et al 1998 (Frequency and duration of flooding.)

to surface for extended periods during the growing season INTERMITTENTLY/SEASONALLY SATURATED. Dry at least once per year Surface water is seldom present, but substrate is saturated

PERMANENTLY/SEMIPERMANENTLY SATURATED. Dry less than once per year. Surface water is seldom present, but substrate is

OCCASIONALLY FLOODED: Surface water can be present for brief periods during growing season, but not in most years. Often saturated to surface for extended periods during the growing season. Equivalent to Cowardin's Saturated modifier

TEMPORARILY FLOODED: Surface water present for brief periods during growing season, but water table usually lies well below soil characterizes flood-plain upper terraces

developed for use in the arid West for water regimes of Playa lakes, intermittent streams, and dry washes but can be used in other parts of seasonal periodicity. Inundation is not predictable to a given season and is dependent upon highly localized rain storms. INTERMITTENTLY FLOODED: Substrate is usually exposed, but surface water can be present for variable periods without detectable surface. Often characterizes flood-plain levees and lower terraces. Equivalent to Cowardin's Temporary modifier

Intermittently Flooded modifier. the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's

modifiers is normally saturated when water level drops below soil surface. Includes Cowardin's Intermittently Exposed and Semipermanently Flooded SEMIPERMANEUTLY FLOODED (exposed <1/year); Surface water persists throughout the growing season in most years. Land surface

**PERMANEUTLY FLOODED**: Water covers the land surface at all times of the year in all years. Equivalent to Cowardin's "permanently

UNKNOWN: The hydrologic regime cannot be determined from the available information

Page: 1 of 2

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	Woodpecker		l		ĺ	::. :::		: "
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Change intensive module numbers when necessary ဖ N

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Baseline

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Map all asn trees ≥10cm in each module using Tree ID number

24

\* If Ash Condition scores 5 (dead) provide breakup score (A-E) Count EAB exit holes 1.25m≥ x ≥1.5m Woodpecker and epicormic marked present (1) or absent (0)

							(bnelt <del>o</del> w) slietted	reg	Jelg.x .T , eiloTiJzugns edqyT
		X			XX	(apuqs)	Multiflora Rose		Rosa multiflora
					X	(qnuqs)	glossA Brickthom		Frangula alnus
							beawton <sup>3</sup> eseaeqe	Γ.	Polygonum cuspidatum
							sətimgand <sup>e</sup>	(wetland)	Phragmites australis
							sergyrans)		Phalaris arundinacea
						(qnuqs)	Bush Honeysuckles		L. morrowii, L. tatarica
				·	X	(ahrda)	Javing nommo		Ligustrum vulgare
х: хөг						***************************************	Barlic Mustard	)	eseloiseg sinsillA
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						(qnqs)	uropean Cranberry	] sr	Viburnum opulus var. opulu
							rar of Bethlehem	5	Ornithogalum umbellatum
							ellow Flag fris	(wetland)	snuopepnasd sių
12							Vineberry	١	Rubus phoenicolasius
							μοмθип	(G-cover)	Pulmonaria officinalis
5: >1,000					X	(qnuqs)	Nock Orange	1	Philadelphus coronarius
000'T-T0T :1/		******		7	X	Ę	abanese Pachysandra	(G-cover)	Pachysandra terminalis
3: 21-100						(qnuys)	ive-leaf Aralia	<b>s</b> n	Eleutherococcus pentaphyl
S: II-20					1		гоми Уетсh	(G-cover)	Coronilla varia
01-T :T							ily of the Valley	(G-cover)	Convallaria majalis
sque[d-40]#		eMNs	MAS	14.28	<b>BAN</b>				
	STUBLINOP STUBLING		saue				A Property of	isi esugeela	TEADULE AND LEASE
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94						(qnays)	ımnı. Honeysuckle	/	Lonicera maackii
•						(qnuqs)	əvilO rımıtın	/	Elaeagnus umbellata
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							uropean Alder	]	esoniJulg sunlA
		1				(qnays)	abanese Barberry	r	Berberis thunbergii
•						(qnuqs)	соттов висктрога	)	Rhamnus cathartica
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000,1< :2							baawtuoD s'qodsil	(G-cover)	Aegopodium podagsA
4: 101-1,000							əJutsəsoon əldun,	(wetland)	Lythrum salicaria
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01-1 :1							lorway Maple		Acer platanoides
* stneld to #						<b>FIGURE</b>			
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		<u></u>					bəəwgoH tnsid		Heracleum mantegazzianur
				<u> </u>			lowering Rush	(wetland)	sutelladmu sumoiu8
							lack Swallow-wort	(oniv)	Cynanchum Iouiseae
							esser Celandine	_ i.	Ranunculus ficaria
·səλ :χ	· · · · · · · · · · · · · · · · · · ·						apanese stiltgrass		Microstegium vimineum
Presence		MN	<b>W</b> W	31.75	REN				
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	ASAINS	วกร่างคุก	2 aviz	GAU]	ભાસાઇ	ज्यत् भूषश्र	Community Assess	ARKS Plant	CEEAETVAD METROP

Note: For Ground-cover plants' record "stem #" but in comment field describe # of colonies and patch size (5,M, L)

(G-cover) Periwinkle

Dame's Rocket

Lommon Teasel

Sanada thistle

Vinca minor

Hesperis matronalis

munollut zubszqid

Sirsium arvense

				FOF	RM B-1:	BUFF	ER .	SAN	/PL	E Pl	LOT	S (Fr	ront) Reviewed by	(initial)	:	<b>—</b> (	
Site ID: PCAP 50	C	34	17									DATE	<u>5   20   80 :</u>	0)	\		•
Location:				<del></del>		Fill	in b	ubb	le(s)	if p			ıld not be sampled and t				
O AA Center. O N	0	S	E	•	w	OP	lot '	1	O F	Plot :	2	OP	Plot 3				
Fill in bubbles for all that apply: Ca	none l	Curry C	D = D	aciduau		Buffer							sheent: No tree canony				
an in bubbles for an mar apply. Ca Strata Section: Fill in appropriate c	over c	lass b	ubble	for each	strata type fo	or each plo	t 0 = /	Absen	i; 1 = 5	Sparse	(<10%	6); 2=Mc	oderate(10 40%), 3 - Hoavy (40-75%	); 4 = V	′егу Н∈	eivy (	>75%)
Buffer Canopy Type: (3)	) (	) At	sent		Buffer	Canopy	/ Тур	e: 🎉	) (	) Ab	sent	: O	Buffer Canopy Type:	0	Ab	sent:	<u> </u>
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Big Trees (>0 3m DBH)	$\bigcirc$	0	(8)		Big Trees (	0 3m DBH)	<b>Ø</b>	0	0	0	<u> </u>		Big Trees (≈0.3m DBH)		0	0	
mall Trees (±0.3m DBH)	0		$\odot$		Small Trees (		0	0	<b>8</b>	9	$\bigcirc$		Small Trees (=0 3m DBH)	0	<b>(2)</b>	0	
Voody Shrubs, Saplings (0.5m-5m HIGH)	0	<u> </u>	<b>®</b>			i-5m HICH)	0	0	0		<b>(3)</b>		Woody Shrubs, Saplings (0.5 m.5 m.HIGH)	0	0	<b>(3)</b>	
Voedy Shrubs, Saplings (<0.5m EllGE)	0	0	0			0.5m LRGFI)	0	0	O	<b>Ø</b>	0		Wendy Shrubs, Saplings (<0.5m HIGH)	O	$\bigcirc$	0	
Herbs, Forbs and Grasses ( )	0	0	0		Herbs I	Forbs and Grasses	0	<b>Ø</b>	<u> </u>	O	0		Herbs Forbs and Grasses O	O	<u> </u>	0	
Bare ground 🚱 🕦	0	0	$\odot$		Bare	ground	0	(3)	0	<u> </u>	$\bigcirc$		Bare ground 🚱 🕦	0	0	0	
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Water 🚱 🕦	0	<u>O</u>	0	T		Water	<b>Ø</b>	0	$\bigcirc$	0	0		Water 🕲 🕦	0	0	0	
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Stressor Presence/Ab	senc	e - (	Confi	rm that	a filled data	bubble i	ndica	tes pr	esen	ce and	d an u	unfilled	bubble indicates absence by fil	ling thi	s bub	ble.	0
Residential and Urba	ın St	ress	ors			Hydrolo	gy S	tres	sors				Agricultural & R	ıral S	tress	sors	
ill bubble if present - Plot	1	2	3	Flag	Fill bubbl	e if prese	nt - l	Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Road - gravel	0	0	0		Ditches, C				0	0	Q		Pasture/Hay	0	0	0	
Road - two lane	0	0	0		Dike/Dama (IMPEDE FLC		R Bed		0	0	0		Range	0	O	0	
Road - four lane	0	0	0		Water Lev	el Contro	l Stru	icture		0	0		Row Grops	0	0	0	
Parking Lot/Pavement	0	0	0		Excavation		ng		0	0	0		Fallow Field (RECENT-RESTING ROW GROP FIELD) Fallow Field (OLD - GRASS.	0	Õ	O	
Golf Course	0	0	0		Fill/Spoil E Freshly De		Sedin	nent	0	0	0		SHRUBS, TREES)	0	0	0	
Lawn/Park	0	0	0		(UNVEGETATIONS/I	r <u>E</u> D)			0	0	0		Nursery Dairy	0	0	0	
Suburban Residential	0	0	0		Wall/Ripra		USUIC	<del>;</del> =	0	<b>®</b>	0		Orchard	0	0	0	
Urban/Multifamily Landfill	0	0	0		Inlets, Out				0	0	0		Confined Animal Feeding	0	0	0	
Dumping	0	0	0		Point Sour	ce/Pipe			0	0	0		Rural Residential	0	0	0	
Trash	0	0	0		(EFFLUENT (	s surface	input	() [	0	0	0		Gravel Pit	O	Ŏ	Ö	
Other:	Ö	0	O		(SHEETELOV Other:				O	O	0		Irrigation	Ō	Ō	0	
Other:	Ō	Ō	Ō		Other:				0	0	O		Other:	0	0	0	
Industrial Developm	ent S	Stres	sor	3			u		I	labit	at/V	egeta	tion Stressors				
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble	if nrese	nt - 1	Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Oil Drilling	0	0	O	9	Forest Clea	··-		7.7.5	0	0	0		Herbicide Use	0	0	0	
Gas Wells	0	0	0		Forest Sele				Ō	0	0		Mowing/Shrub Cutting	ō	Ō	Ō	
Mine (surface)	0	0	0		Tree Planta				0	0	0		Trails	0	<b>(</b>	0	75
Mine (underground)		0	0		Tree Canor		ory		0	0	0		Soil Compaction	0	(3)	0	i i i
<del></del>	0				(INSECT) Shrub Laye	r Browse	:d						(ANIMAL OR HUMAN)	0	0	0	
Military	0	0	0		(WILD OR DO: Highly Graz	MESTIC) zed Grasi			<b>®</b>	0	0		Offroad vehicle damage Soil erosion (FROM WIND, WATER	0	6		·····
Other:	0	0	0		(OVERALL <3" Recently B	'HIGH)			0	0	0		OR OVERUSE)			0	
Other:	0	0	0		Canopy Recently B			nd	0	0	0		Other:	0	0	0	
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Flag codes: K = No me		/27/2	Exp		uspect meas lags in comn							ignea D	242	2816	3304		

Site I	D:					DAT	E:		_ <b>_/</b> _					
O Con	firm a fille	ed da	ta bı	ubble ii	ndicates presence and an unf	illed	bubbl	e inc	dicates	absence by filling in this bub	bie			
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Eurasian Watermilfoil	0	0	0		Purple Loosestrife	O	0	0		Johnson Grass	0	0	0	<del></del>
Water hyacinth	0	0	0		Knotweed	0	0	O		Kudzu	O	0	O	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	· · · · · · · · · · · · · · · · · · ·
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	О		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	Ō	0		Other:	0	0	Ō	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	Ŏ	· ·····
			L		<u> </u>	I	1	1.7	I	Other:	0	0	0	<del></del>
					PLOT COORI	אוור	TES				1 ~			
neation of the plot coord Buffer Plot 3 can not b Plots are centered on the ag box, and describe w ither placed as close to  Location of coordi	e accesse e Buffer Ti here the c the cente	filling d, tak anse oordir r of P	in the cts a nates lof 3	e coord e coord and the s were t as pos	opriate hubble.  Inates at the nearest practicable coordinates will indicate the local taken and why in the comment sible or at the center of the last	e loca ation section acce	ition A of the n belo ssible	tran ow, T Buff	IG THE sect. Fi he coo er Plot.	TRANSECT. This is important If in the "nearest practicable loc rdinates of the nearest practical	becai ation"	hubb	le fil	fer II in th be
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Faction of the plot coord  Buffer Plot 3 can not be  Plots are centered on the ag box, and describe weither placed as close to  Location of coordi  O AA CENTER (  Latitu	e accesse e Buffer Ti here the c the cente inates (c ) N3 de North	d, tak ranse condin r of P hoos	in the cis a	e coord ind the swere t as pos	opriate hubble.  Inates at the nearest practicable coordinates will indicate the local taken and why in the comment sible or at the center of the last  O W3 O Nearest practically the comment of the last of the	e loca ation section acce ctical	tion A of the n belo ssible ole to	tran ow. T Buff catio	IG THE sect. Fi he coo er Plot.	TRANSECT. This is important If in the "nearest practicable loc rdinates of the nearest practical I and comment below)	becat ation" ole loc	hubb	le, fil can	fer II in tI be

<b>A</b>	FORM B-1: BUFFER SAMPLE PLOTS (Front)  Site ID: POP SC 347 DATE: 08/03/2011																				
Site II	o: P	COG	9 5	<u>څ</u> ر	30	-/( 7	7								DATE	:08	51201	0_	$i \ell$		
Locatio									Fill	in b	ubb	le(s)	if pl	ot(s	) cou	ld not be	sampled and fl	ag –	<b>→</b> [		
OAAC	enter	0	N	<b>Ø</b> :	S	O E	0	W	Ø P	lot 1	ļ	Ø F	lot 2	2	® P	lot 3				_ {	
Fill in bubbles Strata Section	s for all th n: Fill in a	nat app	ply Ca priate c	nopy 1	Type: Jass b	D - D oubble	eciduous for each	s: E - Everara	Buffer en Leaf T er each plo	vne: B	= Bro	adleaf	N = N	leedle	Leaf. A	bsent: No tree derate(10-40	e canopy. %); 3 = Heavy (40-75%);	; 4 – V	ery Ho	:a <b>νy</b> (:	>75%)
· · · · · · · · · · · · · · · · ·	Canop	у Тур	e: (F	) ( <u> </u>	) Ał	seni	t: ()	Buffer Plot 2	Canopy	у Тур	e: (6	) (	Ab	sent	: ()	Buffer Plot 3	Canopy Type: (b)		1	sent:	: 0
Big Trees (>0		f Typ			í.L	(1)	Flag			f Typ	-	$\begin{bmatrix} 1 \\ - \end{bmatrix}$	_'_	<u> </u>	Flag		(=0 Sm DBH)			<u> </u>	Flag
					$\frac{0}{0}$			Big Trees (			$\frac{\Theta}{\Theta}$		_	_						_	
Small Trees ( < C Woody Shrubs,		_	0	0	$\odot$	0		Small Trees ( Woody Shrub	****	_	0	9		9			(±0 3m DBH) (b) (c) lbs, Saplings (c) (c)	$\bigcirc$	_	$\bigcirc$	
(0.5m s	om HIGH)	0	0	$\bigcirc$	0	0			i-5m HIGH)		$\odot$	$\bigcirc$	$\frac{1}{2}$	<u> </u>		(0.5	in-5m (HGII) O O	$\frac{\mathcal{O}}{\mathcal{O}}$		$\bigcirc$	
	an HIGH)	0	0	$ \bigcirc $	$\bigcirc$	0		(⊴	s, Sapilings ).5m HIGH) Forbs and		$\bigcirc$	9	-			(-	0.5m (HGT)	0			
Herbs. Fo	grasses	$\odot$	$\odot$	$  \bigcirc  $	$\odot$	$  \bigcirc  $		Herbs	Grasses	0	$\odot$	Q		<u> </u>		merus	Grasses O	$\odot$	- I I	0	
Bare 9	ground	0	0	O	0	0		Bare	ground	0	0	0	0	1		Bar	e ground 💽 🕦	O	O	$\bigcirc$	
Litte	er duff	0	0	0	0	<b>①</b>		Li	tter, duff	0	0	$\odot$	$\odot  $	0		L	itter duff 🕕 🕦	0	$\odot$	$\odot$	l
٠.	Rock (1) (1) (2) (3) (4) (4) (4) (4) (4) (4) (4) (4) (4) (4							Rock	0	0	0	0	0			Rock 🕦 🕦	0	0	0		
	Rock   ①   ①   ①   ①   ①						Water	0	0	Ō	Ō	Ō			Water 💿 🕦	0	0	0			
	Submerged O O O O							Submerged Vegetation O O O O						_		Submerged (A) (A) (A) (A)					
	getation			Conc			rm that	a filled data bubble indicates presence and an unfilled b							1 10,0000001   1   1   1   1   1   1   1   1					$\sim$	
	dential						ari mar		Hydrology Stressors							Agricultural & Rural S					
Fill bubble	Action of the Contract of the	·	<del></del>	1	2	3	Flag	Fill bubbl	*******			1	2	3	Flag		if present - Plot	1	2	3	Flag
<del> </del>		OHE-	1 100	1			ag						_	ō	, ,,,,						
Road - gra	****			0	0	0		Ditches, C Dike/Dam				0	0			Pasture/Ha Range	iy .	0	0	0	
Road - two				0	0	0		(IMPEDE PLC				0	0	0				0	0	0	
Road - four				0	0	0		Water Lev	·		KARAFE		0	0		Row Crops Fallow Fiel	d (RECENT-RESTING	9	0	0	
Parking Lo		nent		0	0	0		Excavation	A	ng		0	0	0		ROW CROP HE			0	0	
Golf Cours				0	0	0		Fill/Spoil E Freshly De		Sedin	nent	0	0	0		SHRUBS, TRI		$\frac{9}{2}$	0	0	
Lawn/Park	······································	<del>, , , , , , , , , , , , , , , , , , , </del>		O	0	0	-	_(UNVECETA	IED)			0	0	0		Nursery		0	0	0	
Suburban I		ntial		0	0	0		Soil Loss/	· ·	osure	:	0	Ö	0		Dairy		0		0	
Urban/Mult	lifamily			0	0	0		Wall/Ripra				0	0	0		Orchard		0	0	0	
Landfill				0	0	0		Inlets, Out Point Sour				0	0	0			Animal Feeding	0		0	
Dumping.				0	0	О		(EFFLUENT ( Imperviou	OR STORM	WATER	9	0	0	0		Rural Resi		0		0	
Trash				0	0	О		(SHEETHLOV	∨)			0	0	0		Gravel Pit		0	0	O	
Other:				Ο	0	0		Other:				0	О	0		Irrigation		0	0	0	
Other:	<del> </del>			0	O	0		Other:				0	0	0		Other.		0	0	0	
Indus	trial D	evel	opm	ent S	Stres	sor	S					ŀ	łabit	at/V	egetat	tion Stres	sors				
Fill bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble			Plot	1	2	3	Flag	Fill bubb	le if present - Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	ar Cut			0	Q	0		Herbicide (	Jse	0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut	t		0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (surfa	ace)			O	0	0		Tree Planta	ition	*********	********	0	0	0		Trails		0	0	0	
Mine (unde	erground	d)		O	0	0		Tree Cano		ory		0	0	0		Soil Compa (ANIMAL OR I	action	0	0	0	
************************					0			(INSECT) Shrub Laye		ed .		0	0	0			nicle damage	0	0	0	
Military				0	<del> </del>	0		(WILD OR DO Highly Gra		ses						Soil erosio	1 (FROM WIND, WATER				
Other:				0	0	0		(OVERALL <3" Recently B	'HtGH)			0	0	0			)	0	0	0	
Other:				0	0	0		Canopy			nd	0	0	0		Other:	200	0	0	0	
Other: OOOORECENTLY IN COLUMN TO THE COLUMN						a\$5181		0	0	0		Other:		0	0	0	<u> </u>				
															igned b	y each field c	242	8168	3304	. (	Ð
Вы	ıffer Sa	mple	Plots	05	/27/:																

	FO	RM	B-1	1: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TE	) ALI	EN SPECIES (Back) Reviewed by	/ (initia	1): <u></u>		
	Site ID:	PO	A	) {	. < 3	917	DAT	E: (	<del>ک و</del>	31	0312011				
	O Confirm	a fille	ed da	ıta bı	ubble ii	ndicates presence and an unf	illed l	ubbl	e inc	licates	absence by filling in this bubl	ble			
-ill bubb	le 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	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hy	vacinth	0	O	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow F	loating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Sa	lvinia	0	0	0		Perennial Pepperweed	0	O	0		Common Bucklhorn	Ю	0	0	
Garlic M	ustard	0	0	О	.: :. : . · · · ·	Giant Reed	0	О	O		Himalayan Blackberry	0	0	0	
Poison I	lemłock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-M	linute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot	Trefoil	0	O	0		Common Recd	0	0	0		Other:	0	0	O,	
Canada `	Thistle	0	О	0		Leafy Spurge	0	0	0		Other:	0	0	0	
and the second second second second	andri de Federica de 1964 (1971 del 1986) de esta el 1973 (1984) de desambilidad debididad.										Other:	0	0	0	
entron annu muse con en eneme	и на и ченно простоящения в постителения подот дву в остойно в основного					PLOT COORI	DINA	TES				····			
Locat	ion of coordinate CENTER O N  Latitude 1	es (c	hoo OS	se o	: · · · · · · · · · · · · · · · · · · ·	O W3 O Nearest pra	ctical Lon	ole lo	catio	on (flaç				Fla	ag
Flag	Comments						•	· .	<del></del>		ana ana may na ana may na ana ang ang ang ang ang ang ang ang				
	All 3 pi	o te		AR.		Van Ce Very	Ste			aum	e - Lo Chageia				
	Buffer Sample P	oints	- Tar	gete	 d Alien	Species 05/27/2011			2.*	e.	796	662	354	8 -	

•				FO	RM B-1:	BUFF	ER S	AM	PLI	EΡ	LO	г <b>S</b> (F	ront)	Reviewed E	γ (init)a	l}:		
Site ID: PCAP	54	. 3	41	7								DATE	. ⊝.e.	10312	0	i )		
Location:						Fill	in bu	ıbble	e(s)	ìfρ	lot(:			sampled and			<u> </u>	
	0	S	O I	E 0	W	OF	Plot 1		O F	Plot	2	O F	Plot 3					
ill in bubbles for all that apply: Ca strata Section: Fill in appropriate o	nopy cover-	Type: ctass	D C	Deciduou e for eac	s; E = Evergr h strata type f	<b>Buffer</b> een Leaf i or each plo	vpe: B -	- Broad	dleaf	: N - I	Needl	e Leaf. 7	Absent: No trec oderate(10-409	: canopy %); 3 = Heavy (40-75%	5); 4 = '	Very H	leavy (	<b>(</b> - (>75%)
Buffer Canopy Type: @	) (	) A	bsen		Buffer	Canop			0		 osen		Buffer	Canopy Type: (		<del>,                                    </del>	sent	
Plot 1 Leaf Type: (6		기	16	Flag	Plot 2	Lea	f Type	: (6)	(E)		_	Flag	Plot 3	Leaf Type:	$\frac{1}{2}$			Flag
Big Trees (>0 3m DBH)	$\bigcirc$	$ \mathcal{Q} $	<b>®</b>		Big Trees (	0 3m DB <b>H)</b>		<u> </u>	<u>)</u>	의	<u> </u>	·	Big Trees (	(>0 3m DBH)		0	0	
nall Trees (:0.3m DBH) (0.000)	$\bigcirc$	0	0		Small Trees ( Weody Shrub					$\bigcirc$	<u>0</u>		Small Trees   Woody Shru	1010	10	$\odot$	$\odot$	
(0.5m 5m HIGH)	0	0	0			5m HIGH)	+=-	エロ	<u> </u>	Ö	0		(0.5)	m-5m HIGH)		0	0	
(<0.5m HIGH)	<b>(4)</b>	0	0	<u> </u>	(⊲	5, Scipings 55m HIGH) Forbs and	1_			$\odot$	① 			0.5m HIGH)		0	0	
Grasses O O	6	0	0		петья.	Grasses	_		_	Q	<u> </u>		Herbs	Forbs and Grasses O		0	0	
Bare ground ( )	0	0	0		Baro	ground	$ \Theta $	$\mathbb{Q}[\mathbb{Q}]$		0	0		Bare	e ground 🕦 🚺	0	0	0	
Litter, duff (6)	0	$\bigcirc$	<b>Ø</b>	<u> </u>		tter. duff	0	$\Theta$		Q	<u>()</u>		Li	itter. duff 🕒 🕦	O	$\odot$	0	
Rock 🕝 🚳	$\circ$	0	$  \bigcirc $	ļ		Rock	0	<u> </u>		<u> </u>	<u> </u>			Rock 🕖 🛈	0	0	0	
Water 🚱 🕕	$\odot$	$\odot$	0			Water	0	O(	$ \mathbb{C}$	O	0			Water 💿 🕦	0	0	0	
Submerged Vegetation	$\odot$	0	0		Submerged Vegetation O O O O							Submerged Q O O O						
Stressor Presence/Ab	senc	e -	Confi	rm that	a filled data	bubble in	ndicate	s pres	senc	e an	d an	unfilled	bubble indic	ates absence by fil	ling 1h	is but	ble.	€
Residential and Urba	ın S	tres	sors			Hydrolo	gy Sti	resso	ors		* **** '***			Agricultural & R	ural S	Stres	sors	
ill bubble if present - Plot	1	2	3	Flag	Fill bubble	e if preso	ent - Pl	ot	1	2	3	Flag	Fill bubble	if present - Plot	1	2	3	Flag
Road - gravel	О	0	0		Ditches, C				0	0	0		Pasture/Ha	у	0	0	0	
Road - two lane	0	0	0		Dike/Dam/		R Bed		0	0	0		Range		0	O	0	
Road - four lane	0	0	0		Water Lev	el Contro	l Struct	ture	Ο	0	0		Row Crops		0	0	0	
arking Lot/Pavement	0	0	0		Excavation	ı, Dredgir	ng		0	0	0		ROW CROP LIELD		0	0	0	. *
Solf Course	0	0	0		Fill/Spoil B		· 1		O	0	0		Fallow Field SHRUBS, TRE	Í (OLD - GRASS, ES)	0	0	О	
awn/Park	0	0	0		Freshly De (UNVEGETAT	ED)		- 1	0	0	0		Nursery		0	0	0	
Suburban Residential	0	0	0		Soil Loss/F	Root Expo	osure	1	0	0	0		Dairy		0	0	0	
Jrban/Multifamily	0	0	0		Wall/Ripra	•		<del></del>	0	0	О		Orchard		0	Ο	0	
andfill	0	0	0		Inlets, Out Point Sour				0	0	0			nimal Feeding	0	O	0	
Dumping	0	0	0		(EFFLUENT C	DR STORMV	VA (ER)		0	0	0		Rural Resid	lential	0	0	0	
rash	0	0	1		(SHEETELOV	) A	при		0	0	0		Gravel Pit		0	0	0	
Other:	0	0	0		Other:	·			0	0	0		Irrigation		0	0	О	
Other:	0	0	О		Other:				0	0	0		Other:		0	0	0	
Industrial Developme	ent S	tres	sors	•					Н	abit	at/V	egetat	tion Stress	ors				
Il bubble if present - Plot	1	2	3	Flag	Fill bubble	if preser	nt - Plo	ot 1	1	2	3	Flag	Fill bubbl	e if present - Plot	1	2	3	Flag
Dil Drilling	0	0	0		Forest Clea	r Gut			0	0	0		Herbicide Us	se	0	0	0	
as Wells	0	0	0		Forest Sele	ctive Cut			>	0	0		Mowing/Shr	ub Cutting	0	0	0	
line (sudace)	0	0	0		Tree Planta	tion		(	0	0	0		Trails		0	0	0	
line (underground)	0	0	0		Tree Canop (INSECT)	y Herbivo	ory		О	0	0		Soil Compac (ANIMAL OR HL		0	0	0	
illitary	0	0	0		Shrub Laye		d	6	3	0	0		Offroad vehi		0	0	0	
ther:	0	0	0		Highly Graz (OVERALL <3"	ed Grass	es		0	0	0			(FROM WIND, WATER	0	O	0	
ther:	Ō	0	0		Recently Bu	rned For	est		5	0	0	ł	OR OVERUSE) Other:		0	0	0	
ther:	0	0	0		Canopy Recently Bu	irned Gra	ssland		5	0	0		Other:		0	0	0	
Flag codes: K = No mea	)	1	made	, U = Si	(BLACKENED) Ispect measi	rement.,	F1,F2, c	i otc. = r	misc.	flags	assi			ew		l.		
uffer Sample Plots			Exp!	ain all fl	ags in comm	ent sectio	n on the	e back	of th	nis fo	rm			242	8168	33U4	•	

Sīte ID:	PC	βP		<u>SC</u>	3417	DAT	E: (	<u>) (</u>	گ <b>ا</b> (	2,3,1,2,0,1,1			1	
	a fille	d da	ta bi	ıbble ii	ndicates presence and an unf	illed t	oubbl	le ind	licates	absence by filling in this bub!	ble			7.5
ill 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
turasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Vater hyacinth	0	0	0		Knotweed	Ö	O	0		Kudzu	0	0	O	
'ellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	Ô	
iant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Cernmon Buckthern	O	0	0	,,,
Parlic Mustard	0	O	0		Giant Reed	0	0	О		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
/lilc-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	O		Leafy Spurge	0	0	0		Other:	0	0	0	
ALTONOMIC CONTRACTOR OF THE PROPERTY OF THE PR				L	A CONTRACTOR OF THE CONTRACTOR	er			<u> </u>	Other:	0	0	0	·
					PLOT COOR	DINA	TES						· .	
cation of the plot coordinate Buffer Plot 3 can not be ac lots are centered on the Bu ag box, and describe where	es by cesse ffer Ti the c cente	d, ta ranse oord r of F	ke the ects a inate of the ects a larger than	e coord and the s were as pos ne):	dinates at the nearest practicab coordinates will indicate the lot taken and why in the comment ssible or at the center of the las	cation section t acce	of the on bel ssible	e tran low. e Buf	isect. F The cod fer Plot	ETRANSECT. This is important ill in the "nearest practicable loc indinates of the nearest practical grand comment below)	ation"	' bubi	olo, fi	ill in ti be
cation of the plot coordinate Buffer Plot 3 can not be ac lots are centered on the Bu ag box, and describe where ther placed as close to the  Location of coordinate  AA CENTER O N	cesse ffer Ti the c cente es (c	ed, ta ranse oord r of F <b>hoo</b>	ke the control of the	e coord and the s were as pos ne):	dinates at the nearest practicab coordinates will indicate the lot taken and why in the comment ssible or at the center of the las	cation section t acces actica	of the on bel ssible ble k	e tran low. But ocatio	isect. F The cor fer Plot on (fla	ill in the "nearest practicable loc irdinates of the nearest practical	ation"	' bubi	olo, fi can	ll in t
cation of the plot coordinate Buffer Plot 3 can not be ac lots are centered on the Bu ag box, and describe where ther placed as close to the  Location of coordinate  AA CENTER O N	cesse ffer Ti the c cente es (c	ed, ta ranse oord r of F <b>hoo</b>	ke the control of the	e coord and the s were as pos ne):	dinates at the nearest practicab coordinates will indicate the lot taken and why in the comment saible or at the center of the las  O W3 O Nearest practically a comment of the lases of th	cation section t acces actica	of the on bel ssible ble k	e tran low. But ocatio	isect. F The cor fer Plot on (fla	ill in the "nearest practicable loc ordinates of the nearest practical g and comment below)	ation"	' bubi	olo, fi can	ll in t
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05/27/2011

Buffer Sample Points - Targeted Alien Species

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	4 [] 4		ala Óa		T's margin	D D	مرينان من		Buffer							boont: No tro	2.00000				
								s, E = Evergre n strata type fo									e canopy. r%); 3 = Heavy (40 75%	); 4 = \	/ery He	eavy (	>75%)
Buffer	Canop		_			sen	t: O	Buffer Plot 2	Canop					sent	: O	Buffer Plot 3	Canopy Type:		_	sent	: O
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	-5m HIGH)	$\subseteq$	0		$\bigcirc$	0			5m HIGH)	( <u>)</u>	0	<b>(2)</b>	$\bigcirc$	$\bigcirc$		(0.5	5m-5m EllGH)	0	0	0	
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neros. r	Grasses		0	<b>(1)</b>	0	0		meros i	Grasses	0	<b>@</b>	0	9	$\bigcirc$			Grasses Grasses	0	0	0	
Bare	ground	$\odot$		$\odot$	$\odot$	0		Barc	ground	0	0	$ \Theta $	0	<b>®</b>		Bai	re ground	0	0	<b>(3)</b>	
Lit	ter duff	0	0	<b>(2)</b>	O	0		Li	tter. duff	0	<b>(</b>	O	O	⊙		1	_itter_duff 🕞 🚱	0	$\odot$	$\circ$	
	Rock	0	<b>(4)</b>	0	0	0			Rock	0	<b>(</b>	$ \Theta $	0	0			Rock 🕞 🕕	<b>②</b>	0	0	
	Water	0	0	0	0	0			Water	<b>(2)</b>	0	0	0	0			Water 🕝 🕠	0	0	①	
	ibmerged egetation		0	0	0	(1)			ubmerged /egetation		0	0	0	0			Submerged (26)	0	O	0	
			e/Ab	senc	e - (	Confi	rm that	a filled data	bubble i	ndica	tes p	resen	e and	danı	unfilled	bubble indi	cates absence by fil	ling th	is bub	ble.	<b>(a)</b>
Resi	dential	and	Urba	an St	tress	ors			Hydrolo	gy S	tres	sors					Agricultural & R	ıral S	itres	sors	
Fill bubble	e if pres	ent -	Plot	1	2	3	Flag	Fill bubble	e if preso	ent - I	Plot	1	2	3	Flag	Fill bubbl	e if present - Plot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, C	hanneliz	ation		•	0	0		Pasture/H	ay	0	0	0	
Road - tw	o lane			0	0	0		Dike/Dam/		R Bed		0	0	0		Range		0	0	0	
Road - for	ır lane			0	0	0		Water Lev		l Stru	icture	0	0	O	w ·	Row Crops	s	0	0	0	
Parking L	ot/Paver	nent		0	0	0		Excavation	ı, Dredgir	ng		0	0	0		Fallow Fie	ld (RECENT-RESTING	0	0	0	
Golf Cour	se		particular de la cons	О	0	0		Fill/Spoil B	lanks			0	0	0		Fallow Fie SHRUBS, TR	ld (OLD - GRASS, EES)	0	0	0	
Lawn/Parl	k			0	0	0		Freshly De		Sedin	nent	0	0	0		Nursery		0	0	0	
Suburbari	Reside	ntial		0	0	0		Soil Loss/l	Root Exp	osurc	)	D	<b>(3)</b>	0		Dairy		0	0	O	
Urban/Mu	ltifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard	-	0	0	О	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A	Animal Feeding	0	0	0	
Dumping				0	0	0		Point Sour (EFFLUEN) ( Impervious	cc/Pipe <u>orstorm</u>	WATER	3)(2	0	0	0		Rural Resi	idential	0	0	0	
Trash				0	0	0		Impervious (SHEETELOV		input		0	0	0		Gravel Pit		0	0	0	:
Other:				0	0	0		Other:				0	0	0		Irrigation		0	0	O	2
Other:				0	0	0		Other:			<del></del>	0	0	0		Other:	THE PROPERTY OF THE PROPERTY O	0	Q	0	
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Oil Drilling	j			0	0	0		Forest Clea	ar Cut			0	0	0		Herbicide l	Use	0	0	0	
Gas Wells	5			0	0	0		Forest Sele	ctive Cu	 [		0	0	0	,,,_,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Mowing/Sh	rub Gutting	0	0	0	
Mine (surf	face)			0	0	0		Tree Planta	ıfion			0	0	0		Trails		<b>②</b>	0	0	
Mine (und	ergroun	d)		0	0	0		Tree Canor	y Herbiv	огу		0	О	0	······································	Soil Comp (ANIMAL OR I		0	0	0	
Military				0	0	0		Shrub Laye		ed		0	0	(			hicle damage	0	0	0	
Other:	<u> </u>		-	0	0	0		Highly Graz (OVERALL <3"	zed Gras	ses		0	0	0			n (FROM WIND, WATER	0	<b>(4)</b>	0	
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ill bubb	le if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Fla
	Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Vater hy		0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
ellow FI	loating Heart	0	Ō	0		Japanese Knotwecd	Ō	0	0		Multiflora Rose	0	0	0	
iant Sal	lvinia	0	O	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
artic Mt	ustard	0	0	0		Giant Reed	0	0	0	··	Himalayan Blackberry	0	0	0	
oison H	lemlock	O	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
lile-A-M	inute Weed	0	0	0	penediction of the con-	Reed Canary Grass	0	O	0		Other:	0	0	O	
irdsfoot	: Trefoil	0	0	0		Common Reed	0	0	0	and the second second second second second	Other:	0	0	0	
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Flag codes: K = No measurement made, U = Suspect measurement.; F1,F2, etc. = misc, flags assigned by each field crew.

Explain all flags in comment section on the back of this form

Buffer Sample Plots 05/27/2011

Recently Burned Grassland (BLACKENED)

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Yellow Floating Heart	О	О	О		Japanese Knolweed	0	0	0		Multiflora Rose	0	0	0	`
Ciant Salvinia	0	О	О		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	O	
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M. v. 1.0 and CVS Field Guide OVER	*Definitions and values in CM PCAP FOM $v.1.0$ and CVS Field Guide	Minimum required fields in Bold and Underlined
		Authority: G&C Pub Date 1998
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The state of the s	Local Place Names:	Plot Name:
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Page 1 of 2		

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet Compositional trend across the plot □ Homogeneous COMMUNITY NAME □ SHRUB = shrub swamp 'n tall sh. bog = tall sh. fen □ EMERGENT □ marsh □ wet meadow □ open bog □ FOREST □ swamp forest □ bog forest □ forest seep Ohio EPA VIBI Plant Community Class (WETLANDS ONLY): □ IMPOUNDMENT □ Beaver □ Human □ DEPRESSION CLASSIFICATION Irregular/pattern mosaic Conspicuous inclusions HOMOGENEITY CODE (on separate form): MODIFIED NATURESERVE CLASS COASTAL (specify subclass) □ FRINGING □ Reservoir □ Natural Lake  $\equiv {
m SLOPE}$  (ground water hydrology or on a physical slope) □ RIVERINE □ Headwater □ Mainstem □ Channel Hydrogeomorphic class (WETLANDS ONLY): FIT = excellent, good, fair, poor; CONF = high, med, low) BOG (strongly, moderately, weekly ombrotrophic) Project Label: Fit=\_ Fit Fit=\_\_\_Conf= [ Ŧ T. FI Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.) Fit and Confidence . Conf≡ \_Conf≡ \_Conf=\_ Conf= Conf= \_Conf=\_ \_Conf= Conf Conf= = Fresh □ Saltwater □ а  $\square$ STAND SIZE wetland) (by default unless plot is a cocasionally flooded (<1/yr) = Upland (n/a) = Brackish SALINITY\* > 100 x plot size  $>1,000 \times plot size$  $3-10 \times \text{plot size}$ < plot size  $1-3 \times plot size$ 10-100 x plot size Project Name: Fire Human □ Intermittently/seasonally saturated Upland (seldom flooded) Other Naturai □ Temporarily flooded Permanently/Semipermanent, saturated Anımal HYDROLOGIC REGIME\* Former Land Use: Current Land Use: \*\*L=low, ML=med low, M=med, MH=med high, H=high, VH=very high DISTURBANCES type" (seldom flooded) (dry <1/yr, seldom flooded) severity\*\* yrs ago % of plot description Plot No.: Tidal/Serche flooded daily Semipermanently flooded n Tidal/Seiche flooded irregular Tidal/Serche flooded monthly □ Permanently flooded I Intermittently flooded (e.g. wand, storms) Cleveland Metroparks Page 2 of 2