PCAP PLOT DATA	QUALITY CONTROL				···
Project Label:	PCAP	Plot	No: 1/0	6 Date Sampled: 6/15/11	Lead: DS
				Comment required if item a	
Parking/Access outsic	le of Park Boundaries:	YA) Hyes	s, write information in Comments s	ection below
Field journals comple	ted		1		
Site skeich made on 1	:3000 map?	(D)	1		
Check cover page	X-axis Bearing of plot recorded		1		
	GPS coords. Recorded	100	Į		
	North direction recored		1		
	Photographs taken?		3		
Plot No., Date agreem	ient on all pages?	<u> </u>	!		
Header data complete	d all pages?	Q N			
Cover classes recorde	d in all Intensive modules	Ø N	ı		
Browse Level By Spe	CIGS	I (Y) N	ī		
Woody stem quality c	ontrol check		1		
Invasive plant quality	control check		1		
Ash trees mapped		Y N	No	A	
Cover by Strata? (con	firm cover type)		1		
Soil samples collected	17		1		
Vouchers labeled on a	tatasheet with initials and number	1 Q N	1		
Vouchers labeled on c	collection bag	1 9 N	1		
Data sheet QA before	leaving site?	Q_{N}	1		
Data sheets scanned?		(d23)	} Enter	date to left	
Final data sheets scan	ned?		Enter	date to left	
Web Soil survey		N (Y) N	1		
Voucher Location	Refrigerator	N ES)		
(# vouchers collected)	Press (#)		Enter	number to left	
	Drier	Y N	i		
	Identified	ΥN	[
	Mounfed	ΥN			
*******	Thrown away	YN	1		

Was there a wefland at the point?: Was there a wetland within 60m of this point?

y	$\left(\mathbb{N} \right)$
,	

If NO, go to the next question. If YES, stop

If NO, go to the next section. If YES, stop

Pick one of the r	next three options below:
гт	The soils ARE NOT hydric and the area at the point is
Ĺl	Developed with buildings roads, pavement, fill
11	Farmed, turf
D	Other (specify):
	The soils ARE hydric and the area at the point is
H	Developed with buildings, roads, pavement, fill
п	Farmed, turf
1.1	Other (specify)
11	No wetland determination can be made (explain below)

Additional Comments:		
Boffer widths measured	and entered - JEr	

SAMPLING QUALITY* CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet Minunum required fields in Bold and Underlined Authority: vascui TAXONOMIC ACCURACY Effort Level: PLOT NOT SAMPLED: 🍱 Robes - Cerbeader West., Guide, Ownès, Texonomist, etc Party Date (mm/dd/yyyy):66 Project Name: C/ RR 2011 GENERAL INFORMATION ichen Hurried End date (if > 1 day) Plot No.: Project Label: PCAP TAXONOMIC STANDARD Accurate Very thorough Perm. water FLOODPLAW MEXDOW" moriory MACK Level 5 (nested corners sampled) Level 4 (no nested corners sampled) BARTON STOVER high = Paved = Slope G&C modera. how much effort put into subjective evaluation of sampling. Hurried plots may still provide good Pub Date Role** 15/2011 soics, 455 T Plot leader Wel ⊆ Safety BUTTER c Other not sinp 11/2 8661 State Photo Nos.: 454 □ Stems present Plot size stems: O - O Tha) Datum: ■ NAD83/WGS84 □ NAD27 GPS location in plot x=0 to 5, $y=-1,0,\pm 1$): If data not public why? Check one: ∠Public data □ Private Data Data Confidentiality: Camera No.: Depth: (1-5): ■ LaVLong □ UTM □ StatePlane Source of coordinates = MAP Reason: Local Place Names: Sアとみん のおき Quadrangle: LAKEWOOD LOCATION Plot size for cover data: GPS File Name: Coordinate system: ntensive modules: 2, 3, 8, 5 andowner CLE METROPARKS ongitude: Joord, Accuracy: Fuzz 100m = Fuzz 250m = Fuzz 500m *Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide atitude: Stems not sampled on this plot in Stems absent PICAIC AREA X-axis Bearing of plot: HO Ğ 7 1106A のととの のなれた ∃ (base of plot x=0, y=0) アンド County: CoyAstegs O-O+(hectares) ■ deg mun Coord. Units ■ GPS 207]° dominants, strata, BROWSE). Additional notes in space on back content), Rationale (why here), and Veg Characterization (description of community, NOTES: Include Layout (any unusual shape details), Location (directions and landscape = Transect component ∈ Systemanc (grid) ⊜ Capture specific teature ⊜ Other Plot placement: Diagram Plot crigin Key: (0,0) point LEBATION - Unmoved Field N of MONT Sycamore figure AREA 놸 $otag{4}$ © Representative polkTS © Random © Strautited Random h×ch NI \otimes GPS location point \$ 6 with Foo, Phileum - Growse live 9 photo taken, with direction • Me Chardami biatamara Page 1 of 2 location of permanent posts OVER

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet arangamana Maraha Strata - Cov. entire plot Visual est. % open water entire site: Total modules: Project Label: S H (F)(A) Br R 4 6 n 6 Ÿ Œ, \sim ć * Estuca Phlevin 1.10 describe amount of browse per species over Frakinus Aster Oxicodiendion rodicans Pronica Br = Browse Level. Use cover classes to arex tibulcides 115/02 roum VI Lainianon Ly siprachia numaular ygonum Sp. regundo Virginanom riparia Bucage sp. Corsons elastion (Fromtimes materio s Subcords? Species Satersa entire plot るいないの sacd/in 0 Spara Caprabinen (ovales long leaf Smooth (smooth Visual est. %unveg.o.w. entire site: Intensive modules: Surveg, ground (bare soil) %unvegetated open water intensive module: Estimate for each %unveg, litter (bare i tter) 2 DS 02/ 0 25030 Deest <u>8</u> Project name: 6/0/201 Ō Voucher# 10 D 023 Sopen water زو \mathcal{K} زلإ F 1)) $|\mathfrak{V}|$ (g Ø w D Ø N L + 3 6 ω εŞ ιķ 8 7 0 Ì 6 cov i depá -1-+ g) 1 Plot configuration: _ g Ø W 5 20° Visual est, %invasives entire site. ςę T (ı,) 8 ľ Ø depth. 1 U دلا F. Y cov | depth Plot no.. 6 Ġί 0 O يلأ F دو deptr Ŧ 1 ذلإ no: 1/06 Y 600 8 T 0000 W W 1 4 $\mathcal{C}_{\mathcal{X}}$ أدو Ĺ N 8 O 0 6 00 P <u>_</u> تع F (y) زع| Ŵ decin 700 Plot area (ha): O. O. 80 VCO V + (1/2 (i) £ cie oliv N Ś 4. -F-Ł\$ w Page _ دع 1 *(*3 N U 6 cov | decth 0 0 €_ رر) 23 $\overline{\omega}$ 下 \overline{q} wx w 'n Ŵ t <u>بر</u> F 8 Geolo כג 007

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20m

20%

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Corner 4

Depth 3 = 1

green growth beneath.

40m

"Annum" or "Quanty". NOTE: Whith any grown ox, each quadron contains the same shall acce contred, bush different sized algebus. EXAMPLES OF PERCENT OF AREA COVERED Abition of Stratistic error creptor for posts estuces statistic formation et 25% % တ<u>ျ</u> ႏ Corners Nested cover 3 solitary or few 75-95% 50-75% 25-50% 88-100% 10-25% % cover 5-10% 25% 1-2% 0-1% midpoint 0.975 0.850 0,625 0.375 0.175 0.075 0.0350.015 10,00m - depth 1 3,15m - depth 2 -1,00m - depth 3 0,00m - depth 4 0,10m - depth 5 0.005 of plants. preferential browse and/or browse lines for some species vegetation, but careful examination may show not evident or obvious for all classes and species of MEDIUM: browse affects greater than 10 percent and and arrowwood viburnum exhibit browse. example, trilliums may flower and fruit, but lewelweed normal in comparison to low browse areas. For reproducing in numbers that appear normal or nearbrowsed but preferential species are observed to be to plant reproduction evident. In this rating, plants are about 10 percent of the stems within a significant impact MEDIUM LOW values include evidence of browse at and intensive module. In general, low values relate to BROWSE RATING NARRATIVE DESCRIPTION quadrat and intensive module. A browse line is usually less than 25 percent of stems in the 1 m2 nested less than 10 percent, by numbers of stems browsed. LOW OR NONE. there is no measurable browse line <u>AND</u> there are very few or no plants 1-m nested quadrat

Depth 2'= or it is very severely limited.

HIGH: greater than 25 percent of the stems of plants in where the browse line is very evident AND almost all species of plants, reproduction does not appear to occur and 25 percent of stems browsed with very little Browse line may be 5 to 6 feet in height with no or little seedlings and herbs are severely browsed or missing the 1 m2 nested quadrat and intensive module AND a vegetation regeneration evident. In this rating, for some MEDIUM HIGH values include evidence of a prowse line VERY HIGH values include extensive browse conditions browse line is evident.

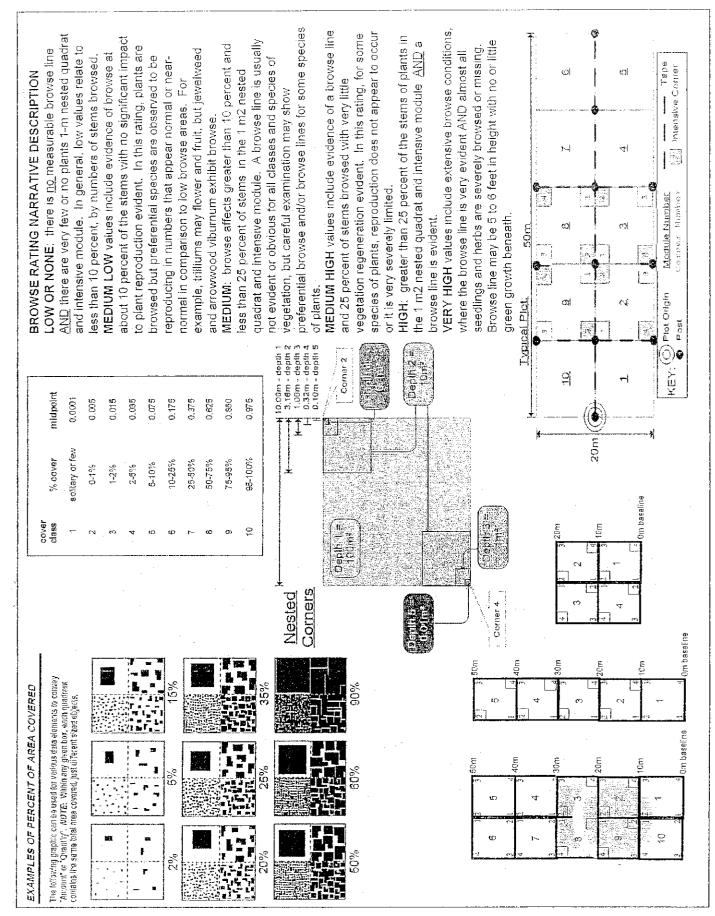
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100m" =

Corner 2

大川子(C) Plot Origin Typical Plot Post ķņ Medialis parapet 20 163 44 N intensive Comer edel Œ. jo:

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LEVELAND MET	CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet	ent Program Species	Cover Data Sh				Page of	'
Project Label:	PCAP 4	Project name: <u>O</u> Intensive modules:	4 Plot cor	Plot configuration:	2) 2) 2) 3) 3)	Plot area	Plot area (ha): O. o+	I ⁻ *
Visual est. % open water€ntire site:	<u>r@nij/e site: ></u> Visual est.		\(\lambda	Visual est. %invasives enite site	entite site			
		mod.	B	C // C	comer mad comer	mod corner mod	correr incer comer	er maa come
	7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 - 7 -	intensive module: deph	cov depth	debil cay sepir	yay depin eav	udapi voo qiqabi		depin cov
Meveland	gescribe amount of browse per species over	T						
Wetroparts	entire plot	Sunvegetated open water						(T.20)
Sirara - Cov entire plot								
T S H (F)(A) Br	r Species Species	G Voucher# dap?i	o cov depth cov	depin zoy jaepin	goy dapih cov	depin cav depin	Epk. Webin say	gepth cov
	for to					1 000 CE		\$2.12
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	Francula alnus							
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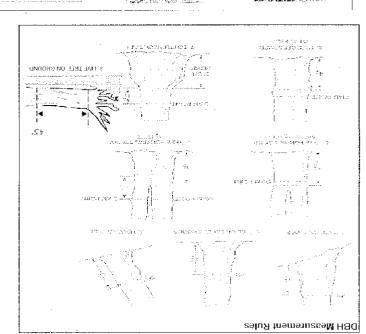
2bCM PCAP Species Cover Data Sheet Back Page_ver 1.3.ppt

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet W Explain subsemple (additional room on back) Fraxings Sp. Acer necyndo Froxinus Sp. Acer respondo Acer negondo nec undo Project Label: __ PCAP # stems 11 ø & 0 O U 6 0 • ¢ browsec ್ರಿಕ-1ಌ or super % sub Project Name: 01708 2011 shrub clumps # size class (cm) woody stems > 1m - × 7 O 1-<2.5 2,5-<5 Plot No.: INDG φ <u>Λ</u> 10 - <15 15 - <20 Q) Page: <u></u> ø ಕ >40 (record each tree)

Woody Stem Deer Browse

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

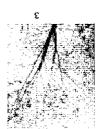
tyecord using the tally system from 1 to





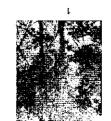


a









ASH CANOPY CONDITION

- \mathcal{X}^* Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple
- 3" Dichack: Canoby is fuluning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to 2. Thinning canopy: There aren't as many leaves as there ought to be but all top branches exposed to sunlight have leaves
- 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 sunlight, die naturally and are not considered.
- 2" Desig csuobà: No festes temain in the canobà bortion of the tree It still counts as a 2 even it there are objectuals bronk be canobà

(lowest branch) on the trunk.



ASH CANOPY BREAKUP CONDITION (for dead trees):

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

csuk sa descriped pelow)

- 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.

Tree

Project Label: PCAP

Ash

* If Ash Condition scores 5 (dead) provide breakup score (A-E)
Count EAB exit holes 1.25m2 x 21.5m
Woodpecker and epicormic marked present (1) or absent (0)

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finca minor (G-cover) lote: For Ground-cover plants record	Periwinkle	· · · · · · · · · · · · · · · · · · ·	X	$\ddot{\mathbf{x}}$	Ì	ı İ	M, E Sec = M. E. M, E. I. M, E. I.
lesperis matronalis	Dame's Rocket						
munollut subesqi	Common Teasel					×	
ำเร <u>า</u> ตม ฮเ ง ธมรธ	Canada thistle					X	
ypha angustifolia, T. x.glauca	(wetland)						
osa multiflora	AsoA GroffithuM	(qnuqs)	X	X	X	X	
sunia alugner		(gnuqs)			\leftarrow	· ` `	
olygonum cuspidatum	Japanese Knotweed						
hragmites australis (wetland)	Phragmites	······································					
halaris arundinacea	Reed Canarygrass		X	X		X	
. morrowii, L. tatarica	grizy Honeysuckles	(qnuys)					
igustrum vulgare	Common Privet	(qnuys)					
Aliaria petiolata	Garlic Mustard		x	x	X	X	• • • • • • • • • • • • • • • • • • • •
			NE	-35	MS	MN	
Tier 4: Widespread	quepunge pue	·····			aouas		รานอนเนดว
mteoild munudi	Doublefile Viburnum	(qnuqs)				Т	
ripurado nacionales salindo mara ser	Łuropean Cranberry	(qnuqs)				-'-	
mutsliodmu mulsgoritim	Star of Bethlehem			\dashv			
	Yellow Flag Iris			\dashv	-		
suiselocine phoenicolasius	Wineberry				+		
	тивут						
Miladelphus coronarius	Моск Отапве	(qnuqs)					
'achysandra terminalis (G-cover)							
Jonephan Jon	Five-leaf Aralia	(qnuqs)					
cronilla varia		(4,,,,4,)					
convallaria majalis (G-cover)							
(sortion 97) Silving and Edition of the Control of	vollett ad 1. Pardi II	······································	NE	ZE	-MS	MN	**************************************
Lier 3: Presence i	3803010103		WILL THE PARTY OF	naminina d i	etnelq	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	ราบอเนเนอว
ianuhot sumynou	Wintercreeper			J	1	T	
олісега тазскіі	Amur Honeysuckle	(qn.iqs)					
esellata umbellata	Autumn Olive	(qnuqs)	- '				
opsacus laciniatus	leaseTTeal-tuD						-
lutinosa	European Alder						
erberis thunbergii	Japanese Barberry	(qnuqs)	-				
cathartica	Common Buckthorn	(dunnas)	1	1			
	Poison Hemlock	(1 1 - 1		'			
.qs siliso	Hedgeparsley						
clastrus orbiculatus (vine)	teeweralia neizA.						
(G-covor) sirengebod muibodogo							
ythrum salicaria (wetland)	Purple Loosestrife						
onicera japonica (vine)	Lapanese Honeysuckle	-		-, 			
emissitle sudtneli	Tree of Heaven		!-	'			
icer platanoides	Norway Maple				+		
20bioactila 2021	olach (ucuao) (1	·····	OIN.L	36	AAC	AAAI	
	MONOCALE	Alula	NE-	JSE	MS	ŴΝ	comments
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eveneral meaning and second and s	ucon Surranoul						
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eineoil is ficana (aniv) eseaei murloneny briethaw) suttelladmu surmotui	Japanese stiltgrass Lesser Celandine Black Swallow wort		X	35	X . MS . agues	X MN	Sd9

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet Project label: PCAP Project Name: 0\22 20\\

Plot No.: 1106

A CONTRACT OF THE PROPERTY OF

Page: 1 of 1

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

Soil pit module # 3 (one per entire plot)

· Castin	4.4 *Pox		** e.g. hyd *** Circle	" refer to						20 cm							5 cm
chstruck in slot	t cashings absenced in soil	S=ss	hydrogen sulfide odor, gloving, etc. ole one:	to texture classes on reverse side	redex features** Y	texture*	oxid roots Y (N)	%mottle	mottle color	matrix color 10 YEU(1	hydr. cond.*** 1 S M D	redox features** Y	texture*	oxid roots Y (N)	%mottle	mottle color	matrix color 10 YE 4/2

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

Parent Material: Alluvium	Landform type: Flood -plain	Soil Series/Type Chaarh Silt !	Web Soil Survey Information:	Soil Description/notes:		2,3,8,9 composited	Soil Collection Module Horizo	
		oam				<u> </u>	Horizon (A, B, C)	

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

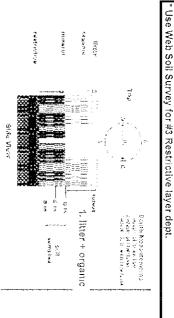
C?=check when collected

Module #	0,2	Corner	Comer

	SOIL DE	PTH MEA	SUREME	NT INSTR	DIL DEPTH MEASUREMENT INSTRUCTIONS: Measure to nearest 0.1 cm in center of intensive modules. If >30.5 cm.	SOIL DEPTH MEASUREMENT INSTRUCTIONS: Measure to the nearest 0.1 cm in center of intensive modules. If >30.5 cm,
			riec	record as >30	.,	
		î litter –	2 litter	5 restrict.	water	depth
		organic depth	depth	depth(cm)	depth	sat soil
	mod=	(om)	(cin)	*[WSS]	(cm)	(em)
_	_	0	0	>125	0	30
	2	0	0	>125	0	>30
	W	0	О	7/25	0	>30
	Ý	0	۵	7/25	0	730
	Length of	Length of soil probe = 125 cm	= 125 cm			

Jaker Stater restrictive

than 8 mates



_i⊡ Very poorly dr Somewhat poorly dr п Mederately well dr. ▼Well dramed

impenneable surface

□ Somewhat excessively Excessively drained

5aCM PCAP Scils_Grown cover_Landform_Standing Biomass_Data Sheet_Ver 2xis.xls last revised 6:9/2011 ceit

UNKNOWN: The hydrologic regime cannot be delemined from the available information "bebooff

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

modifiers is normally saturated when water level drops below soil surface. Includes Cowardin's Intermittently Exposed and Semipermanently Flooded

ZEMILERMANENTLY FLOODED (exposed <1/bd>
Surface water persist throughout the growing season in most years. Land surface Intermittently Flooded modifier

the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's developed for use in the and 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. This modifier was

INLERMILLENTLY FLOODED: Substitute 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 Tenrporary modifier.

TEMPORARILY FLOODED: Surface water present for brief periods during growing season, but water table usually lies well below soil

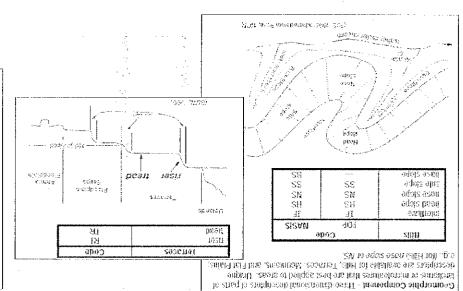
characterizes flood-plain upper terraces.

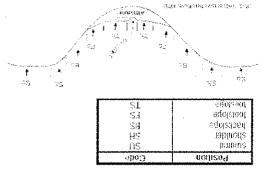
OCCASIONALLY FLOODED: Surface water can be present for brief periods during growing season, but not in most years. Often saturated to surface for extended periods during the growing season. Equivalent to Cowardin's Saturated modifier

PERMANENTLY/SEMIPERMANENTLY SATURATED: Dry less than once per year. Surface water is seldom present, but substrate is to surface for extended periods during the growing season.

INTERMITTENTLY/SEASONALLY SATURATED. Dry at least once per year. Surface water is seldon present, but substrate is saturated UPLAND: Not a wetland Very rarely flooded

HADBOFOCIC KECIME Modified from Groseman of al 1998 (Frequency and duration of flooding.)





reas foot anied to ansent of ballege beat at sinf. to adeysyded "Gratiados autitivos pine do atmitient postian a finoje drawing agola ca if attempes and to strad to anothrosal lenoismentic -cwT - (909 ni nohizo9 squizsiH) nohizo9 shio19 - motabiH

8= Not measured - make plot note

4= Coarse Sand

3= Sandy

S = Clayey

J = Loamy

sinspio = 0

which form a ball but not a ribbon should be coded as loamy. posth a ball and a ribbon should be coded as clayey; samples and aftempt to form a self-supporting ribbon. Samples which form soil does form a ball, squeeze the sample between your fingers a grainy texture, the texture is either sandy or coarse sandy. If the real 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 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

967

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Surface Area Covered	SISVN	COURT	
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02 > 01 \$	# #)	HOURUE
0Z %	#	UI	AUE

PERCENT MOTTLES (USE CLASS CODES):

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cover

* 200

96

STACKER TREEK CAICHT CAICHT

DENSIONGER

action TSL/ angles termed by local slopes. For TSI

EFT is angle of

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Natural Resources Mangament #ORM NR/2010-05a

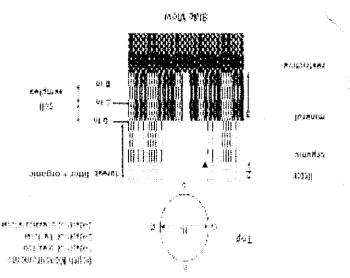
eaCM POAP Plant Cover_Barth Surface Data sheet Page "_ver 2.x's last revised 6:9:20t1 ean

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	bs. Fe all shrubs <0 5m bs. Fe all shrubs (0 5m	*Very fall shrubs are sometimes incli **Can also include seedlings of shrul office seedlings are offen defined s which case they would span the hert
╢╴	pobiowans	Aqualic (submerged)
	. Бијеој ј	Boagud
	Herb, dwarf-shrub**, tree (seedling***)	Herb (Field)
	Tree (sapling), shrub, liana, opiphyle)	շրւռք (մշսցայի ը շ լօ շ ա)
	ebibhyte) Tree (overstory) very tall shrubs' liana.	Tree (generally >5 m)
	CENERAL FORM	MUTARTS
ij,		СОУЕК ВУ ЗТКАТА



						FO	RM B-1:	BUFF	ER	SAN	/IPL	E PI	_OT	S (F	ont) Reviewed by	(initial)	:	(
Site ID:	P	CAT	P	1)	OL	, RR	<u>></u>							DATE	:06/15/2	0	1.1	_	
Location:		** *						Fill	in b	ubb	le(s)	if p			ld not be sampled and f				
AA Center	r (N C	0	s	O E	E 0	W	OP	lot 1	1	O F	Plot	2	O F	lot 3				N
Fill in hubbles for all	lhat ar	nobe C	anony	Tyne:	D = D)aciduou		Buffer						-	bsent: No tree canopy.				
															derale(10 40%), 3 = Heavy (40-75%)	; 4 = V	ery He	avy (> 75%)
Buffer Canon	эу Ту	pe: () () AI	osent	t: 🚳	Buffer	Canopy	у Тур	e: 🕒) () Ab	sent	t: ()	Buffer Canopy Type:		Ab	sent	: 0
	-r	pe: ()	ا سد ا	Flag	Plot 2	Lea	f Typ	e: ()	_	Flag	Plot 3 Leaf Type:	(6))		Flag
Big Trees (>0 3m DBI			0	0	0		Big Trees (>	0.3m DBH)	0	0	0	0	0		Big Trees (>0 3m DBI I)		0	0	
mall Trees (<0.3m DBI		O	0	0	0		Small Trees (0	0	0	O	0		Small Trees (<0.3m DBH)	$ \odot $	\bigcirc	0	
Noody Shrubs, Sapling: (0.5m-5m HIGH) 333	((0	0	0			Sm HIGH)	0	0	0	0	0		Woody Shrubs, Saplings (0.5m 5m HIGH)	O	\bigcirc	0	
Voody Shrubs, Saplings (<0.5 m HIGH			0	0	0).5m HIGH)	0	0	0	0	\odot		Woody Shrubs, Saplings (⊴0.5m ElICEI)	O	\bigcirc	0	
Herbs Forbs and Grasses		0	0	0	(3)		Herbs F	orbs and Grasses	0	0	0	\circ	\odot		Herbs Forbs and Grasses	0	0	0	
Bare ground	ı 🛈		0	0	0		Bare	ground	0	0	0	0	0		Bare ground 🕦 🕦		Θ	\odot	
Litter, duff		0	0	0	0		Lif	tter. duff	0	0	0	\circ	①		Litter. duff	0	0	<u> </u>	
Rock	0	\odot	О	0	\odot			Rock	0	0	0	\bigcirc	0		Rock (v) (1)	7	(3)	0	
Water	9	0	0	0	\bigcirc			Water	0	0	0	0	0		Water 💿 🕦	0	0	0	
Submerge Vegetation		0	0	0	0			ibmerged regetation	0	0	0	0	0		Submerged Vegetation	0	\bigcirc	0	
Stressor Pre	senc	:e/At	senc	:e - (Sanfir	rm that	·		ndica	tes pr	esen	ce and	d an	unfilled	bubble indicates absence by fill	ng thi	s bub	ble.	6
Residentia	land	l Urb	an S	tress	ors			Hydrolo	gy S	tres	sors				Agricultural & Ru	ıral S	tress	ors	i
Fill bubble if pres	sent ~	Plot	1	2	3	Flag	Fill bubble	if prese	∍nt - F	Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Road - gravel		-	0	0	0	 	Ditches, C				0	0	0		Pasture/Hay	0	0	0	
Road - two lane			0	0	0		Dike/Dam/ (IMPEDE FLO		Bed		0	0	0		Range	0	0	0	
Road - four lane			0	0	0		Water Leve	el Contro	l Stru	cture	0	0	0		Row Crops	0	0	0	
Parking Lot/Pave	ment		0	0	0		Excavation	ı, Dredgir	ng		0	0	0		Fallow Field (RECENT-RESTING ROW GROP FILLD)	0	0	0	
Golf Course			0	0	0	ļ	Fill/Spoil B		22000		0	0	0		Fallow Field (OLD - GRASS, SURUBS, TREES)	0	0	0	
Lawn/Park			0	0	0	<u> </u>	Freshly De (UNVEGETAT	FD)			0	0	Ο		Nursery	0	0	0	
Suburban Reside	ntial		0	0	0	<u> </u>	Soil Loss/F		osure 		0	0	0		Dairy :	0	0	0	
Urban/Multifamily			0	0	0	ļ	Wall/Ripra				0	0	0		Orchard	0	0	0	
Landfill			0	0	0		Inlets, Outl				0	0	0		Confined Animal Feeding	0	0	0	
Dumping			0	0	0		(EFFLUENT C Impervious	RSTORM	VATER innut)	0	0	0		Rural Residential	0	9	0	
Trash			0	0	0		(SHEETELOW		iidea.		0	0	0		Gravel Pit	Ŏ	0	Ŏ	
Other:			0	0	0		Other:				0	0	0		Irrigation	0	0	0	
Other:			0	0	0		Other:			,	0	0	0		Other:	0	0	0	
Industrial I	Devel	lopm	ent S	Stres	SOF	\$				-	ł	labit	at/V	egetat	ion Stressors				
Fill bubble if pres	sent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Oil Drilling			0	0	0		Forest Clea	r Cut	M. Charleston Co.		0	0	0		Herbicide Use	0	0	0	
Gas Wells			0	0	0		Forest Sele	ctive Cut			0	0	О		Mowing/Shrub Cutting	0	0	O	
Mine (surface)		•	0	0	0		Tree Planta				0	0	0		Trails	0	0	0	
Mine (undergroun	id)		0	0	0		Tree Canop (INSECT)	y Herbiy	əry		0	0	0		Soil Compaction (ANIMAL OR FIUMAN)	0	0	0	
Military			0	0	0		Shrub Layer (WILD OR DOM		d		6	0	0		Offroad vehicle damage	0	0	0	
Other:			0	0	0		Highly Graz (OVERALL <0"	ed Grass	ses		0	0	0		Soil erosion (FROM WIND, WATER OR OVERUSE)	0	0	0	
Other:			0	0	0		Recently Bu		est		0	0	0		Other:	0	0	0	
Other:			0	0	0		Recently Bu	imed Gra	asslar	ıd	0	Ō	0		Other:	0	o	0	
***************************************	s: K =	No m		J	1	,	(BLACKENED) uspect measi	urement.,	F1,F2	etc.				1	each field crow		1.		<u> </u>
					Event	10in all -	lags in comm							-	247	R I わと	3304		

FO	RM	B-1	: E	BUFF	ER SAMPLE PLOTS -	TAF	GE	TE) ALI	EN SPECIES (Back) Reviewed by	(initial):		
Site ID:	PCI	<u> 1</u>	>)	olo R.R.	DAT	E: <u>(</u>) (<u>_</u> /_\	512011				
O Confirm	a fille	d da	ta bi	abble in	ndicates presence and an unf	illed l	oubbl	e inc	licates	absence by filling in this bubl	ole			
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 .	0	0	0		Purple Loosestrife	O	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	Ö	0	0	N. P. C.	Japanese Knotweed	О	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0	d	Common Buckfhorn	O	0	0	
Garlic Mustard	0	О	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	O		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	O	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	0		Leafy Spurge	0	0	0		Other:	0	0	0	
	J	1	1	L		L	i	laneway.		Other:	0	0	0	
		······································			PLOT COORI	NΙΔ	TES	·				L 		
	3	08	3	O E3	O W3 O Nearest pra					g and comment below)	4		Fila	
		<u>l</u>			Use Decimal Deg									
Flag Comments		·		<u> </u>					· · · · · · · · · · · · · · · · · · ·					<u></u>
				neer, tale introduced		Its leads to biddles			· · · · · · · · · · · · · · · · · · ·	ALIMANIAN IN COLANO AMPANIAN MANANIAN CALEBOARIA (PARANIAN AMPARANIAN AMPARAN				
														······································
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														au orașe de la compania de la compa
		ALLIA SANSIA			eneran in not, processin adende in our element element de notation de la company de la company de la company d			······································	OMENTO PROVINCES	**************************************				
m Ac-107A N 201														****

Buffer Sample Points - Targeted Alien Species 05/27/2011

•							FOI	RM B-1:	BUFF	ER	SAN	ЛPL	E Pl	_OT	S (F	ront)	Reviewed by	(initial)	=	 (A
Site I	D: 7	206	¥ρ	, ,	10	, Ce	L)	2_							DATE	: O.b.	1)512	D.).)	
Locatio									Fill	in b	ubb	le(s)	if p	lot(s	s) cor	ıld not be	sampled and f	lag -			
OAAC	Senter	4	N	0	S	O E	E 0	W	OF	olot '	1	01	olot :	2	® F	lot 3					
						E E			Buffer												, ,
																Absent: No tree oderate(10-409	: canopy. %); 3 Неаvy (40-75%)); 4 V	ery He	ауу (> 75%)
Buffer	Canop	у Тур	e: 🕞) () Ai	bsen	t: 🚳	Buffer	Canop	у Тур	e: 🌀) Ab	sent	: ()	Buffer	Canopy Type: 🕞	0	Ab	sent	: 0
Plot 1	Lea	f Typ	e: () (Flag	Plot 2	Lea	f Typ	e: 🔞	(Flag	Plot 3	Leaf Type:	0			Flag
Big Trees (0.3m (DBH)	0	0	\odot	\odot	0		Big Trees (>	0.3m DBH)	0		0	\odot	\odot		Big Trees	(>0 3 in DB(I)	$ \odot $	\bigcirc	\odot	
Small Trees (<	:0 3m DBH)	②	0	\odot	\odot	0		Small Trees (:0 3m DBH	0	0	O	O	6		Small Trees	(=0 3m DBH)	$ \odot $	\odot	0	ŀ
Woody Shrubs (0.5m-	s, Saplings 5m HIGH)	©	0	0	0	0		Woody Shrub (0.5m	s, Saplings -5m HIGH)	0	(3)	\bigcirc	O	0		Woody Shri. (0.5	ibs, Saplings m-5m FilGLI)	$ \odot $	\odot	0	
Woody Shrubs (<0.	s, Saplings .5m HICH)	0	0	0	0	0		Woody Shrub (<0	s, Sa <mark>plings</mark> F5m HIGH)	0	0	0	\odot	0		Woody Shru	bs, Saplings :0.5m HIGH)	0	0	0	
Herbs. F	orbs and Grasses	0	0	0	(3)	❸		Herbs [orbs and Grasses	0	(S)	0	0	0		Herbs	Forbs and O O	0	\bigcirc	0	
Bare	ground		0	0	\circ	0		Barc	ground	0	0	0	0	(3)		Bar	e ground 💿 🕦	0	0	0	
Lit	ter. duff	0	0	0	0	0		Lif	ter duff	0	0	\circ	0	0		I.	itter. duff 💿 🕦	①	0	0	
	Rock	(2)	0	0	0	0			Rock	0	0	0	0	0			Rock O	0	0	0	
	Water	(3)	Ō	0	0	0			Water	(3)	0	0	Ō	<u>-</u>			Water 🕢 🕦	0	<u> </u>	<u> </u>	
	ibmerged egetation	9	$\overline{\bigcirc}$	\odot	0	$\overline{\odot}$			ibmerged	63	\odot	$\tilde{\bigcirc}$	$\overline{0}$	\odot			Submerged O O	0		$\overline{\bigcirc}$	-
			e/Ab	senc	e - (l <u> </u>	rm that	L			tes pi	esen	ce and	d an i	L unfilled	l	cates absence by fill	ing thi	s bub	ble.	Ø
Resi	dential	and	Urha	an Si	ress	sors			Hydrolo	oav S	fres	sors			***************************************		Agricultural & Ru	ıral S	fres	sors	
Fill bubble		********		1	2	3	Flag	Fill bubble				1	2	3	Flag		if present - Plot	1	2	3	Flag
Road - gra				0	O	0		Ditches, C				0	0	0		Pasture/Ha	· · · · · · · · · · · · · · · · · · ·	0	0	0	
Road - two				0	0	0		Dike/Dam/	Road/RF		rouser to a sc	0	0	0		Range	.,,	0	0	0	
Road - fou				0	Ö	0		(IMPEDE FLO Water Lev		of Stru	cture		0	0		Row Crops		0	0	0	*******
Parking Lo	ot/Paven	nent		0	0	Ö		Excavation	ı, Dredgii	ng		Ō	O	Ō		Fallow Field	d (RECENT-RESTING	Ŏ	0	Ŏ	
Golf Cours	se			Ō	Ō	Ō		Fill/Spoil B	anks		- 4 59 - 4955	O	Ō	Ō			d (OLD - GRASS,	0	Ō	Ō	
Lawn/Park	ζ			O	0	Ō		Freshly De		Sedin	nent	Ō	0	Ō		Nursery	(F&)	Ō	Ō	Ō	
Suburban	Resider	ntial		0	0	0		Soil Loss/F		osure	•	0	0	0		Dairy		0	0	0	
Urban/Mu	ltìfamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard		0	0	0	
Landfill	Abouten I matet for what toubles			0	0	0		Inlets, Out	lets			0	0	0		Confined A	nimal Feeding	0	0	0	
Dumping	·	,		0	0	0		Point Sour	OR STORM	WATER	(5)	0	0	0		Rural Resid	dential	0	0	0	
Trash	***************************************	A company of the company of	an annual and district to	О	0	0		Impervious (SHEETFLOV	surface	inpul		0	0	0		Gravel Pit		0	0	0	
Other:				0	0	0		Other:		,		0	0	0		Irrigation		0	0	0	
Other:				0	0	0		Other:				0	0	0		Other:		Q	0	0	
Indu	strial D	evel	opm	ent S	Stres	sor	S .			,		ŀ	labit	at/V	egeta	tion Stress	ors				
Fill bubble	if pres	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if present - Plot	1	2	3	Flag
Oil Drilling	I			0	0	0	·	Forest Clea	r Cut			0	0	0		Herbicide U	lse	0	0	0	
Gas Wells)	teritologic (r. constatoro		0	0	0		Forest Sele	ctive Cut	t.		0	0	0		Mowing/Sh	rub Cutting	0	0	0	
Mine (surf	ace)			0	0	0		Tree Planta	tion			0	0	0		Trails		0	0	0	
Mine (und	erground	1)		0	0	0		Tree Canop	y Herbiv	ory		0	0	0		Soil Compa (ANIMAL OR II		0	0	O	
Military				0	0	0	er denne skulterte er er er ennettenten	Shrub Laye		ed		0	0	0			icle damage	0	0	0	· · · · · · · · · · · · · · · · · · ·
Other:			-	0	0	0		Highly Graz OVERALL <3"	ed Grass	ses.		0	0	0		Soil erosion OR OVERUSE	L (FROM WIND, WATER	0	0	0	
Other:				ō	0	0		Recently Bu		rest	com noncest	O	0	0		Other:		0	0	ō	
Other:			-	0	0	0		Canopy Recently Bu	irned Gr	assla	nd	0	0	O		Other:		0	0	0	
	ag codes	: K = 1	lo me	I	l	made						= mis	c. flag:	s ass	igned b	y each field c	rew.	81.68			
В	 uffer Sar	mple	Plots.	05	/27/2		lain all f	lags in comm	ent sectio	on on	the ba	ck of	this fo	m			2.37.	o .I. O	, . O 4	•	

	Site ID:	Po	_/-_	$c_{\overline{l}}$	<u>,)</u>	106 RR	DAT	E: _(J.L	,	1.5/2011				
	O Confirm	a fille	ed da	ita bi	ubble i	ndicates presence and an u	ifilled	bubb	le ind	licates	absence by filling in this bubl	ble			
Fill bubble if p	present - Plot	1	2	3	Flag	Fill bubble if present - Plo	t 1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Furasian Wat	ermiltoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacint	th	0	0	0		Knetweed	0	0	0		Kudzu	0	0	0	
Yellow Floatin	ng Heart	0	О	0		Japanese Knotweed	0	О	0		Multiflora Rose	0	0	0	· · · · · · · · · · · · · · · · · · ·
Giant Salvinia		0	O	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	O	
Garlic Mustar	d	0	(3)	О		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	######################################
Poison Hemlo	ock	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 Tref	lio	0	O	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistl	le .	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
	orlender under 653 overlender d. 18-188 for d. 8 Millerheide al. Amerikaans 6 f Amerika										Other:	0	0	0	
and an artifact of the defined a solidative and an interesting a desired to the desired as a solidative desired as a solidativ	tel diske dan dan dan dan dan diske dan					PLOT COOF	RDINA	TES	3				***************************************		
ocation of the if Buffer Plot 3 Plots are cente	ered on the Bu	ffer T	ranse	ects a	and the	coordinates will indicate the le	cation	of the	tran	sect. Fi	TRANSECT. This is important. It in the "nearest practicable local states of the transfer of th	ation"	bubb	le, fil	II in the
location of the if Buffer Plot 3 Plots are cente flag box, and c either placed a	ered on the Bu describe where as close to the of coordinate	ffer Ti the c cente es (c	ranse oord r. of f hoo : O S	ects a inate Plot 3 se o	nnd the s were las posens. ne): Eas	coordinates will indicate the le taken and why in the commer ssible or at the center of the la	cation it section st acce actica Lor	of the on bel ssible ble lo	e tran ow. T Buff ocatio	sect. Fi he coo er Plot. on (flac	ill in the "nearest practicable locardinates of the nearest practical	ation" ble loc	bubb	le, fil	II in the be
location of the if Buffer Plot 3 Plots are cente flag box, and centher placed a Location of the Control O AA CEN	ered on the Bu describe where as close to the of coordinate NTER O N Latitude I	ffer Ti the c cente es (c 3	hoo	ects a inate Plot 3	ne): O E3	coordinates will indicate the letaken and why in the commersible or at the center of the late of the l	cation It section It section actica actica Lor grees	of the on bel ssible ble lo	e tran ow. T Buff ocatio de V	sect. Fi the coo er Plot. on (flac Vest	Ill in the "nearest practicable locardinates of the nearest practical grand comment below)	ation" ble loc	bubb	ile, fil can.	II In the be
location of the if Buffer Plot 3 Plots are cente flag box, and centher placed a Location of the Control O AA CEN	ered on the Bu describe where as close to the of coordinate NTER O N Latitude I	ffer Ti the c cente es (c 3	hoo	ects a inate Plot 3	ne): O E3	coordinates will indicate the letaken and why in the commersible or at the center of the late of the l	cation It section It section actica actica Lor grees	of the on bel ssible ble lo	e tran ow. T Buff ocatio de V	sect. Fi the coo er Plot. on (flac Vest	Ill in the "nearest practicable locardinates of the nearest practical grand comment below)	ation" ble loc	bubb	ile, fil can.	II in the be
In the location of the life Buffer Plot 3 are centred and centred and centred at the location of the location	ered on the Bu describe where as close to the of coordinate NTER ON Latitude I	ffer Ti the c cente es (c 3	anse oord for off hoo	inate	and the s were s as posone): O E3	Coordinates will indicate the letaken and why in the commersible or at the center of the late of the l	action it section it section actica actica	of the on bell saids a said of the least said of	tran ow. The Buff occation occ	sect. Fi he coo er Plot. on (flag Vest	ill in the "nearest practicable locardinates of the nearest practical grand comment below) O. 8. 1. 8.4.5.5	ation" ple loc	bubb	ele, filocan	Il in the be
In the location of the life Buffer Plot 3 are centred and centred and centred at the location of the location	ered on the Bu describe where as close to the of coordinate NTER ON Latitude I Comments	ffer Tithe cocentee contents of the cocentee cocentee contents of the cocentee cocentee contents of the cocentee cocent	anse oord of the o	se o	and the s were say post of the	Coordinates will indicate the letaken and why in the commersible or at the center of the late of the l	cation it sections actical Lorgrees	of the on bell the said of the one of the on	tran ow. The Buff	sect. Fi he coo er Plot. on (flag Vest	Ill in the "nearest practicable locardinates of the nearest practical grand comment below)	ation" ple loc	bubb	ele, filocan	Il in the be
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Plot 1 Leaf Type: ③ ② ② ☐ Flag Plot 2 Leaf Type: ③ ② ② ☐ Flag Plot 3 Leaf Big Trees (=0.3m DBH) ④ ② ② ② ② ② ③ ☐ Big Trees (=0.3m DBH) ⑥ ② ② ③ ☐ Big Trees (=0.3m DBH) ⑥ ② ② ③ ☐ Big Trees (=0.3m DBH) ⑥ ② ② ③ ☐ Small Trees (=0.3m DBH) ⑥ ② ② ③ ☐ Small Trees (=0.3m DBH) ⑥ ② ② ④ ☐ Small Trees (=0.3m DBH) ⑥ ② ② ④ ☐ Small Trees (=0.3m DBH) ⑥ ② ④ ☐ Woody Shrubs, Saplings (0.5m-5m HIGH) ⑥ ② ④ ☐ Woody Shrubs, Saplings (0.5m-5m HIGH) ⑥ ④ ☐ Ø ④ ☐ Woody Shrubs, Saplings (0.5m-5m HIGH) ⑥ ④ ☐ Ø ④ ☐ Woody Shrubs, Saplings (0.5m-5m HIGH) Ø ④ ☐ Ø ④ ☐ Woody Shrubs, Saplings (0.5m-5m HIGH) Ø ④ ☐ Ø ④ ☐ Woody Shrubs, Saplings (0.5m-5m HIGH) Ø ④ ☐ Ø ☐ Ø Ø Ø Ø Ø Ø Ø Ø Woody Shrubs, Saplings (0.5m HIGH) Ø ④ ☐ Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Woody Shrubs, Saplings (0.5m HIGH) Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø Ø	/y (40-75%); 4 - 1 Type: (1) (2)	Very H	cavy (
Location: O AA Center O N S O E O W O Plot 1 O Plot 2 O Plot 3 Buffer Natural Cover Strata Fill in bubbles for all that apply: Canopy Type: D = Deciduous; E = Evergreen Leaf Type: B = Broadcaf; N = Needle Leaf. Absent: No tree canopy. Strata Section: Fill in appropriate cover class bubble for each strata type for each plot 0 = Absent; 1 = Sparse(<10%); 2=Moderate(10-40%); 3 = Heaven Buffer Plot 1	/y (40-75%); 4 - \(\frac{1}{2}\) Type: (10 (2) (2) (3) (3) (4) (4)	Very H		
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Big Trees (±0.3m DBH) ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○ ○				Flag
Small Trees (±0.3m DBH)			0	
Woody Shrubs, Saplings (0.5m-5m HIGH) Woody Shrubs, Saplings (0.5m-5m		Ŏ	<u> </u>	
Woody Shrubs, Saplings (<0.5m HIGH) Grasses Grasses	® 0 0		0	
Herbs, Forbs and Grasses O O O O O Flerbs Forbs and Grasses			0	
Charles	000	O	©	
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Vegetation Vegetation Vegetation Vegetation Vegetation		$ \Theta $	\odot	
Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates abser				
	ıral & Rural S			
Fill bubble if present - Plot 1 2 3 Flag Fill bubble if present - Plot 1 2 3 Flag Fill bubble if presen	t - Plot 1	2	3	Flag
Road - gravel OOO Ditches, Channelization OOO Pasture/Hay	0	0		
Road - two lane O O Dike/Dam/Road/RR Bed (IMPEDE FLOW) O O O Range		0		
Road - four lanc OOO Water Level Control Structure OOO Row Crops	0	0	이	
Parking Lot/Pavement OOO Excavation, Dredging OOO Fallow Field (RECENT-F		0	0	
Golf Course OOO Fill/Spoil Banks OOO Fallow Field (OLD- GRA	122. O	0	0	
Lawn/Park O O O Freshly Deposited Sediment O O O Nursery	0		0	
Suburban Residential OOO Soil Loss/Root Exposure OOO Dairy	0		0	
Urban/Multifamily OOO Wall/Riprap OOO Orchard	0	0	0	
Landfill OOO Inlets, Outlets OOO Confined Animal Feet		0	0	
Dumping OOO (FFFLHENT OR STORMWATER) OOO Autai Residential	0	Ŏ	0	
Trash OOO (SHEETTLOW) OOO GRAVER FIL	0	0	0	
Other: O O O Other: O O O Irrigation	0	0	0	
Other: O O O Other: O O O Other: Other: Other: Other: Other: O O O Other: Other		0	0	
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		1	®	
		•	·	
Mine (surface) OOO Tree Plantation OOO Trails Mine (underground) Tree Canopy Flerbivory OOO Soil Compaction	0	0	0	
(MSECT) (ANIMAL OR HUMAN)	0	0	0	
Withtary O'OO (WILD OR DOMESTIC) OTTO OTTO A CONTROL OF THE CONTRO			0	
Other: OOO Highly Grazed Grasses OOO Soil erosion (FROM WINI OR OVERBLE ST HIGH)		0	0	
Other: O O Recently Burned Forest Canopy O O O Other:	O	0	0	
		0	0	1 1
Other: O O Recently Burned Grassland (BLACKENED) O O O Other:			$_{}$	L

FO	RM	B-1	1: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TED) ALI	EN SPECIES (Back) Reviewed by	(initial):		
Site ID:	PC	A	2_	110	06 RR	DAT	E: <u>(</u>),6	_ 1 _	15/20,1,1				
O Confirm	a fille	ed da	ıta bı	ı bb ie iı	ndicates presence and an unf	illed l	oubbl	le ind	licates	absence by filling in this bubl	ole			
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
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	r af chalada f fambali a b
Water hyacinth	0	0	0		Knotweed	0	О	0		Kudzu	0	0	0	
Yellow Floating Heart	0	Ö	0	ter tur	Japanese Knotweed	0	0	О		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	terrorsenaret /	Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	O	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	O		Reed Canary Grass	0	0	0		Other:	0	0	0	descriptions
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
				L	An annual anais in annual mars ann an annual an annual annual annual annual annual annual annual annual annual	J			1	Other:	0	O	0	
	:		· · · · · · · · · · · · · · · · · · ·		PLOT COORI	DINA	TES	;				!		
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Flag Comments	·			· · · · · · · · · · · · · · · · · · ·					···					
			J. 4. V. J4. V.				***************************************		m.m.m.					· · · ·
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05/27/2011

Buffer Sample Points - Targeted Alien Species

•							FOI	RM B-1:	BUFF	ER SAI	MPL	E PI	_OT	S (F	ront)	Reviewed by	(initial)	:	(B
Site I	D: 💎	CP	P	/	101	lo	20	2.						DATE	: 0 6.	11512	Ο.	<i>)</i>	<i>i</i> .	-
Location									Fill	in bubb	le(s)	ifp	ot(s			sampled and f				
O AA C	Center	C	N	0	S	⊗ E	E 0	w	OF	lot 1	01	Plot	2	⊘ P	lot 3					-
Till in buddels	o for all th	ost on	nhe Co	nanu.	Tuno:	D = D	cordupu			Natural					absent: No trea	Canony				
																: сапору. %); 3 = Heavy (40-75%)); 4 = V	fery Hi	eavy (: 75%)
Buffer Plot 1	Canop		ре: (° ре: (°			bsen	t: 🚱	Buffer Plot 2	-	y Type: (sent		Buffer Plot 3	Canopy Type: (b)	\simeq		sent	· · · ·
Big Trees (>	l	450	0	\bigcirc	0	<u>()</u>	Flag	Big Trees (L	"בוב"		:l _T .	<u>(1)</u>	Flag		(÷ 0 3m DBH)			0	Flag
mall Trees (0	0	0	0		Small Trees (Ö		$\frac{\circ}{\circ}$		Small Trees		0	0	$\frac{0}{0}$	
Woody Shrubs				©	0	\circ		Woody Shrub	os, Saplings		6	t			Woody Shri	ibs, Saplings			_	
(0,5m Woody Shrubs	Sm HIGH) s, Saplings	0	(<u>)</u>			ــــــــــــــــــــــــــــــــــــــ		(0.5n Woody Shrut	n-5m HICH) os, Saplings			0	<u> </u>		(0.5 Woody Shru	m-5m HGH)		\bigcirc	0	
(<0.	5m HIGH) orbs and			(<u>)</u>	\bigcirc	0		(<	0.5m (IICH) Forbs and	I		$\frac{\bigcirc}{\bigcirc}$	$\frac{\odot}{\odot}$			0.5m (IIGH)		읫	\bigcirc	
	Grasses	10	0		0	0			Grasses			\bigcirc	$\frac{\odot}{\odot}$			Grasses O O			0	
	ground	\bigcirc	0		0	0			e ground	0 0	0	9	0		···	e ground		\bigcirc	0	
Lit	ter, duff	0	0	0	0	0		1 i	itter. duff	00	O	\bigcirc	<u> </u>		1	itter. duff ()	0	0	0	
	Rock	0	Θ	\odot	\odot	0			Rock		\circ	\bigcirc	0			Reck 💿 🕕	$ \underline{0} $	0	0	
	Water	0	0	0	0	0			Water	$ \mathbf{\Theta} $	0	0	<u> </u>			Water ① ①	$ \mathcal{Q} $	Q	0	
	ibmerged egetation	8	0	\odot	0	0			ubmerged /egetation		0	\odot	0			Submerged Vegetation 0	$ \odot $	$ \odot $	0	
Stress	or Pres	senc	e/Ab	senc	:e - 1	Confi	rm that	a filled data	bubble i	ndicates p	resen	ce an	d an	unfilled	bubble indi	cates absence by fill	ing thi	s but	ble i	6
Resi	dential	and	Urba	n S	tress	sors			Hydrolo	gy Stres	sors					Agricultural & Ru	ıral S	tres	sors	
Fill bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubbl	e if preso	ent - Plot	1	2	3	Flag	Fill bubble	if present - Plot	1	2	3	Flag
Road - gra	avel			0	0	0	,,,,	Ditches, C	hanneliz	ation	0	0	0		Pasture/Ha	ıy.	0	0	0	
Road twe	o lane			0	0	0		Dike/Dam		₹ Bed	0	0	0		Range		0	0	0	
Road - fou	ır lane		and of our to I had broad	0	0	0		Water Lev		l Structure	0	0	0		Row Crops		0	0	0	
Parking Lo	ot/Paven	nent		0	0	0		Excavatio	n, Dredgii	ng	0	0	0		Fallow Fiel	d (RECENT-RUSTING	0	0	0	
Galf Cour	se	·*	ja seessa sa	0	0	0		Fill/Spoil E	Banks		0	0	0			d (OFD - GRASS,	0	0	0	
Lawn/Park	<			0	0	0		Freshly De		Sediment	0	0	0		Nursery	* .	Ö	0	Ö	
Suburban	Resider	tial		0	0	0		Soil Loss/		osure	0	0	0		Dairy		0	0	0	
Urban/Mu	Itifamily			0	0	0		Wall/Ripra	ıp		0	0	0		Orchard		0	0	0	
Landfill				0	0	0		inlets, Out			0	0	0		Confined A	nimal Feeding	0	0	0	
Dumping				0	0	0		Point Sou (EFFLUENT	OR STORM	WATEE)	0	0	0		Rural Resi	dential	0	0	0	
Trash				0	0	0		Imperviou (SHFETFLO)	s surface	input	0	0	0		Gravel Pit		0	0	0	
Other:				0	0	0	-	Other:			0	0	0		Irrigation		0	0	0	
Other:	,			0	0	0		Other:			0	0	0		Other:		0	0	0	
Indu	strial D	evel	opm	ent S	Stres	son	\$				ļ	labi	tat/V	egeta	tion Stress	ors				
Fill bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - Plot	1	2	3	Flag	Fill bubb	le if present - Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	ar Guf		0	0	0		Herbicide U	Jse	0	0	0	.,,
Gas Wells	 }			0	0	0		Forest Sele			0	0	0		Mowing/Sh		•	0	0	
Mine (surf	acel			0	0	0		Tree Planta			O	0	0		Trails		0	Õ	Ŏ	
Mine (und					4	0		Tree Cano		ory	0	0	0		Soil Compa		0	0	0	
	Sistomic	-,		0	0			(INSECT) Shrub Laye	er Browse	ed	1				(ANIMAL OR I					
Military	,			0	0	0		(WILD OR DO	MESTIC)		•	•	0			ticle damage	0	0	0	
Other:				0	0	О		(OVERALL <3' Recently B	'HIGH)		0	0	0		OR OVERUSE)	0	0	0	
Other:	,,,			0	0	0		Canopy			0	0	0	magazina e e e e e e e e e e e e e e e e e e e	Other:		0	0	0	
Other:			_	0	0	0		Recently B (BLACKENED)		assiand	0	0	0		Other:		0	0	0	<u> </u>
● FI	ag codes	: K = I	No me	asure	ment			uspoct meas lags in comm						igned b	y each field c	rew. 242	8168	304		
В	uffer Sar	nnie	Plots	0.5	/27/:	2011														

FO	RM	B-1	1: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEE) ALI	EN SPECIES (Back) Reviewed by	/ {initial):		
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Eurasian Watermiltoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	O	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	(D)	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	0		Cheatgrass	0	0	0		Tamarisk	0	O	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	Martin of the second
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	O		Other:	0	0	0	
Canada Thistle	0	O	0		Leafy Spurge	0	0	Ö		Other:	0	0	0	*************
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lag box, and describe where ofther placed as close to the Location of coordinate O AA CENTER O N Latitude I	the confe	hoo	inate Plot 3 se o	s were as pos ne): O E3	taken and why in the comment sable or at the center of the last O W3 Nearest pra	sectic acce ctical Lor	n beli ssible ole la	ow. T Buff catio	he coo er Plot. on (flaç	ill in the "nearest practicable locardinates of the nearest practical grand comment below)	ole loc			be
Flag Comments	·											•		
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Buffer Sample P	oints	Tar	gete	d Alien	Species 05/27/2011					796	5662	354	8	

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Lit	ter. duff	0		0	\odot	0		Li	fter. duff	0	\odot	O	O	0		Lit	lier. duff	$\mathbb{O}[\mathbb{C}]$	O	O	0	
	Rock	(3)	0	0	3	0			Rock	0	\odot	O	O	0			Rock	O C	O	0	0	
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Stress	or Pre	senc	e/Ab	senc	e - (Confi	rm that	a filled data	bubble in	adicat	tes pr	esen	ce an	d an i	unfilled	bubble indica	ates absend	e by fill	ing thi	s bub	ble. (Ø
Resi	dential	and	Urba	an St	tress	ors			Hydrolo	gy S	tres	sors				Α	gricultura	al & Ru	ıral S	tres	sors	
iii bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	≥nt - F	Plot	1	2	3	Flag	Fill bubble	if present -	Plot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Hay	<i>f</i>		0	0	0	
Road - two	o lane			0	0	0		Dike/Dam/ (IMPEDE FLO		Bed		0	0	0		Range			0	0	0	
Road - fou	ır lane		p,	0	0	0		. Water Lev	el Cantro	I Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	nt/Paven	nent		0	0	0		Excavation	ı, Dredgir	ng .		0	0	0		Fallow Field ROWCROPFIFLD)		0	0	0	
Golf Cour	sei			0	0	0		Fill/Spoil E		~		0	0	0		Fallow Field SHRUBS, TRLE		S,	0	0	0	
Lawn/Parl	k			0	0	0		Freshly De (UNVEGETA)	ŒD)			0	0	0		Nursery			0	0	Q	
Suburban	Resider	ntial	**********	0	0	0		Soil Loss/I	₹pot Expo	osure ——		0	0	0		Dairy			0	0	0	
Urban/Mu	ltifamily			0	0	0		Wall/Ripra	þ			0	0	0		Orchard			0		0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined Ar	···	ng	0	0	0	
Dumping				0	0	0		(EFFLUENT C Impervious	DR STÖRMV	VATER intvit)	0	0	0		Rural Resid	ential 		0	0	0	
Trash				0	0	0		(SHFETFLOV	V)			0	0	0		Gravel Pit			0	0	0	
Other:				0	0	0		Other:				0	O	0		Irrigation			0	0	0	
Other:		innani/ansi	awanamara	Ο	0	O		Other:				0	0	0		Other:			0	0	0	
Indu	strial D	evel	opm	ent S	Stres	sors	>			.· 			labit	at/V	egeta	tion Stress	ors		· · · · ·			
ill bubble	e if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if preser	nt - F	Plot	1	2	3	Flag	Fill bubble	e if presen	t - Plot	1	2	3	Flag
Oil Drilling) <u></u>			0	0	0		Forest Clea	r Cut			0	0	О		Herbicide Us	se		0	0	0	
Gas Welts	\$			0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shru	ub Cutting		0	0	0	
Mine (surf	ace)			0	0	0		Tree Planta				0	0	0		Trails				0	0	
Mine (und	erground	d)	.,	0	0	0		Tree Canor	y Herbivo	ory		0	0	0		Soil Compac (ANIMAL OR HU			0	0	0	
Military				0	0	0		Shrub Laye		d		•	•	0		Offroad vehic		·	0	0	0	
Other:				0	0	0		Highly Graz (OVERALL <3"	ed Grass	ses		0	0	0		Soil erosion OR OVERUSE)		WATER	0	0	0	
Other:				0	0	0		Recently Bu		est		0	0	0	,	Other:			0	0	Ō	
Other:				0	0	0		Canopy Recently Bu		asslar	nd	0	0	0		Other:				0	0	
	ag codes	K =	— No mo	1	<u> </u>		. U = S	(BLACKENED) uspect meas		F1.F2	2. etc.	L	L	Ll	ianed b	y each field cre	9W.			LL		
	uffer Sai					Expl		lags in comm							-			242	8.L68	3304		

FO	RM	B-1	l: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEI) ALI	EN SPECIES (Back) Reviewed by	/ (initial	I):		
Site ID:	RC	AF)	<u>01)</u>	6 RK	DAT	E: _{) (ີ. ງ.	1512011				
O Confirm	a fille	ed da	ta bi	ıbble ii	ndicates presence and an unf	illed l	oubbl	e inc	licates	absence by filling in this bub	ble			
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
Furasian Watermilfoil	0	0	0		Purple Loosestrile	0	0	0		Johnson Grass	0	0	0	
Water hyacinfh	0	О	0	\.	Knotweed	0	0	0		Kudzu	O	0	0	
Yellow Floating Deart	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	O	0		Cheatgrass	О	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	O	0	0		Reed Canary Grass	0	0	О	yrş.c. x.15011	Other:	0	0	0	*
Birdsfoot Trefoil	0	0	O		Common Reed	0	0	0	L 1-7-11-1-11-11-11-11-1-1-1-1-1-1-1-1-1-	Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
		1	1	1		1	i	1	J	Other:	0	0	0	
Annial Marian					PLOT COORI	TINA	TES				1	1		
O AA CENTER O N Latitude I		0 S		о E3		Lor	gítu	de V	<u></u>	g and comment below)	4		1	<u>Z</u>
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Flag Comments											:			
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Z LAPS COOK	٠		NO.	+ C	ompiered acal	<u>cc</u>	1-3	F 10	·	d outside par	r K	p_0	` ∩Ma	tury
4 GPS COOY	Crin	n 65	+4.2	+c.	row top out Br)tte		$b_{J^{c}}$	÷;	2 ple blot 3 1	ez/A	ممار	, O	vtsic
of park	P	riq	XX	ty _	BABILUPAN PERINTINAN WARAN UPANGUN BERTARAN PERINTINAN PERINTINAN PERINTINAN PERINTINAN PERINTINAN PERINTINAN				-A	***************************************				
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TOTAL TRANSPORT OF THE PROPERTY OF THE PROPERT	*****		· · · · · · · · · · · · · · · · · · ·	***************************************										

05/27/2011

Buffer Sample Points - Targeted Alien Species

CLEVELAND METROPARKS Plant Community A	Assessment Progran	ssessment Program - Background Data Sheet	Sheet	elovola 🔷	C cleveland Metroparks
Project Label:	PCAP	Project Name:	1	Plot No.:	Page 2 of 2
CLASSIFICATION		STAND SIZE	DISTURBANCES	_	
(FIT = excellent, good, fair, poor; CONF = high, med, low)	Fit and Confidence	= >1,000 x plot size	type* severity** yrs ago %	% of plot description	
Hydrogeomorphic class (WETLANDS ONLY):		= 100 x plot size	Human		
= DEPRESSION	FiteConf=	= 10-100 x plot size	Natural		
□ IMPOUNDMENT ⊑ Beaver □ Human	Fit- Conf-	⊏ 3-10 x piot size	Fire		
□ RIVERINE □ Headwater □ Mainstem □ Channel	Fit=Conf=	□ 1-3 x plot size	Cut		
□ SLOPE (ground water hydrology or on a physical slope)	Fit=Conf=	⊏ < piot size	Anımal		
□ FRINGING □ Reservoir □ Natural Lake	FiteConf=	DRAINAGE*	Other		
□ COASTAL (specify subclass)	Fit=Conf=	= Excessively drained	**L=low, Mt=med low, M=med, MH=med high, H=high, VH=very high	H=med high, H=high, VH=very hi	zh
a BOG (strongly, moderately, weekly ombrotrophic)	Fit= Conf=	= Somewhat excessively	Current Land Use:		
Ohio EPA VIBI Plant Community Class (WETLANDS ONI	NLY);	⊃ Well drained	Former Land Use:		
☐ FOREST = swamp forest □ bog forest □ forest seep	Fit=Conf=	□ Moderately well dr.	HYDROLOGIC REGIME		
□ EMERGENT □ marsh □ wet meadow □ open bog	Fir=Conf=	☐ Somewhat poorly dr.	ם Upland (seldom flooded)	□ Intermittently flooded	
□ SHRUB □ shrub swamp □ tall sh. bog □ tall sh. fen	Fit= Conf=	ם Very poorly dr.	□ Internuttently/seasonally saturated	□ Semipermanently flooded	Ţ.
MODIFIED NATURESERVE CLASS*		i Impermeable surface	(seldom flooded)	□ Permanently flooded	•
CODE (on separate form):	FireCont=	SALINITY*	□ Permanently/Semipermanent, saturated	rated 🗀 Tidal/Serche flooded daily	λĵ
COMMUNITY NAME:		□ Saltwater	(dry <1/yr, seldom flooded)	⊂ Tidal/Seiche flooded monthly	nthly
		□ Brackish	□ Occasionally flooded (<1/yr)	⊏ Tidal/Seiche flooded irregular	egular
LANDFORM TYPE*;		□ Fresh	🖻 Temporarily flooded	(e.g. wind, storms)	
		Upland (n/a)		= Unknown	
HOMOGENEITY	Additional notes & diag	ams: (Representativeness	dditional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)	s, maturity, etc.)	
= Homogeneous					
ದ Compositional trend across the plot					
= Conspicuous inclusions					
⊃ Irregular}pattern mosaic					

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