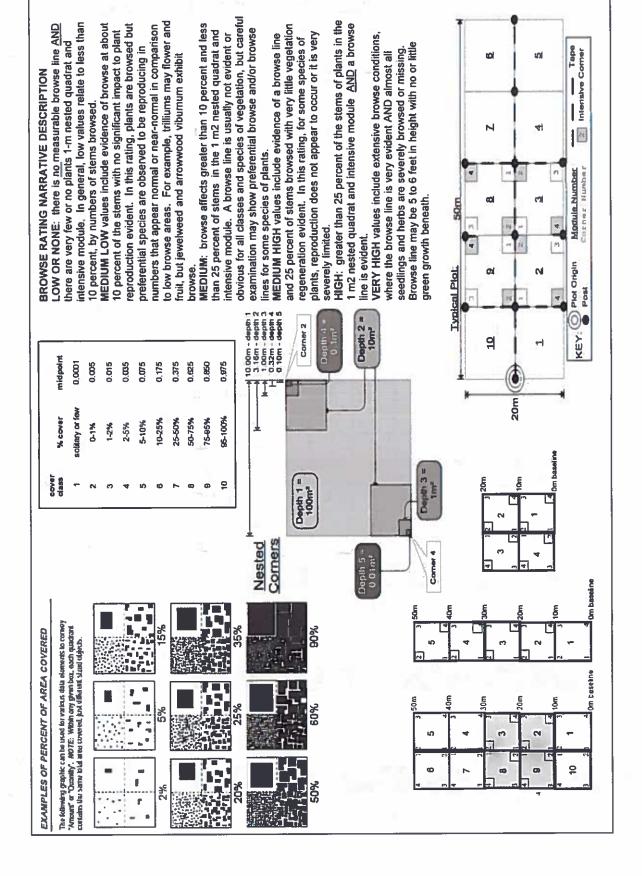
Comment required if item answer is NO rite details in Comments section below PLOS Very line and cross check with the Tree Cover Sheet At any changes from 2010 information
Pins Pins
PIOS Very line and cross check with the Tree Cover Sheet A
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CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	mmunity Assessment P	rogram - Backgrou	ind Data	Sheet			,	(Clumbund Mutruparts	3
Project Label:	PCAP	Project Name: O2 Wa 2015	02 W	S107 0		Plot No.:	3480	Page 2 of 2	f 2
MODIFIED NATURESERVE CLASS*			DISTU	DISTURBANCES					
CODE (on separate form):	Fit= Conf=		type*	severity**	yrs ago % of plot	of plot	description		
1977			Human		0	100	foolf course	es not south	- f
800			Natural					0	
COMMUNITY NAME:			Fire						\neg
			Cut						
Lottonwocel	Cottanuocal thin-let/Mood law	larel	Animal	Σ	٥	00/	Grante)	
			Other						_
HOMOGENEITY			**L=low	. ML=med low	M=med, N	¶-med h	**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	very high	_
Alomogeneous a Compositional	Compositional trend across the plot		Current	Current Land Use:	Park		:	;	
Conspicuous inclusions Conspicuous inclusions	m mosaic		Former	Former Land Use:			i		_
	HYDROLOGIC REGIME*	GIME*							
	Opland (seldom flooded)		□ Intermittently flooded	poped					
SALINITY*	□ Intermittently/seasonally saturated		Semipermanently flooded	y flooded					
D Saltwater	(seldom flooded)	a Pern	a Permanently flooded	oded					
D Brackish	n Permanently/Semipermanent saturated		☐ Tidal/Seiche flooded daily	oded daily					
o Figsh	(dry <1/yr, seldom flooded)		Weiche flo	n Tidal/Seiche flooded monthly					
Cupland (n/a)	□ Occasionally flooded (<1/yr)		J/Seiche flo	□ Tidal/Seiche flooded irregular					
	□ Temporarily flooded	(e.g	(e.g. wind, storms)	ms)					
(by default unless plot is a wetland)		n Unknown	nown						ſ
Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)	sess of plot to the stand, succes	sional status, maturity, et	lc.)						
- Doe and Fe	awn were hav	wing arour	ار ا	专					_
Aldragon TI	to find pins	2. Otto of	met	al do	march	7	SC/10		_
- New hore	d to walk or	round and	- W	A 0.00	2 5				_
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y and olymph	the wastering and the	the wilty							
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LEVELAND ME	LEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet	ent Program Specie	S Cove	er Dat	a She	2			?	;	-	- 1			Pag		Page of	اد	\vdash
Project Label:	PCAP	Project name: OLWo	200	1	· ·	ב ע	Plot	Plot no.: SYSU	₹ X	^၁ ြင်	÷		<u>0</u>	200	<u> </u>	7	3	7	ě i
Total modules:	۶	intensive modules:	9	<u>ا</u>	Plot configuration:	gura	non:		×		-	•	5	are)	a (na	b	Plot area (na): D. O.C	1	
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		Estimate for each		3	~	μ	ū	1				1	Т		H	╁-		L	22
3	Br = Browse Level. Use cover classes to	intensive module:	depth a	cov depth	8	depth		depth	8	depth	å-	depth	8	depth	9		depth	8	depth
Cleveland	describe amount of browse per species over	%open water	1	0		1			N A	_				_	H				
Netroparks	entire plot	%unvegetated open water	1 (0		1	0		10000	-1	600								
		%unveg. ground (bare soil)	- 0	7		1	۲		Day of	-					100	1900			
		%unveg. litter (bare litter)	_			-	2	27		-				_	-	-			
S H (F)(A) Br	Species	c Voucher#	3	w depth	SS	-	ğ	6 9 9	ş	depth	§.	depth	§	depth	ş	4	depth	ş	dapet
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Project Label: PCAP Project name: OZ U ~ 20 5 Plot no.: 3480			
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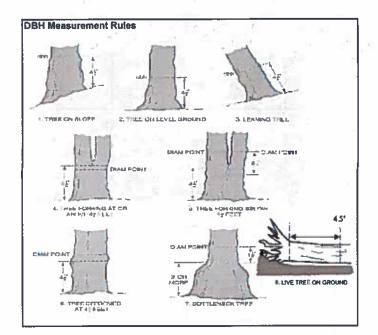
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ent Program Tr	Project name.	Prensence of tree	species (X)	Voucher #					٠											
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CLEVELAND METROPARKS Plant Community Assessment Program Tree Cover Data Sheet	PCAP			Species			i:													
LAND METROPAR	Project Label:	ÆR	Strata - Cov. entire plot	Br																:
CLEVE	Proje	% COVER	Strata - (⊢										:						

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Page

2010 10'd als as v.aerhvalls #2010 mis 10'd as avereus nubra

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Robinsh Morus Rhamous Prunus STANDING DEAD ACER PLATAMOIDES Explain subsample (additional room on back) Populus deltoides TO JACUS COLCUSUS Standing dead CONJUEER MARCELL RHAMNUS CATHARTICA Longer on muaching Hear CATALAN BIGNONIUDELS Vitis Ciparia Catalpa bignonod Morus alba Nitis FIDALIA Quarcus palustrik Dalans ofger alba apurban CUCUSUS pseudeac carlleti Project Label: PCAP 5 6 6 4 1 n # # stems On prowaed 0-1.4m or super % sub 8 50 Project Name: 04 WH 2015 dumps × shrub ĭ * size class (cm) woody stems >1.4m <u>2</u> • 10 . 1-<2.5 A. 2.5-<5 Plot No.: 3980 € 0 ም<u>ላ</u> 8 × 10 - <15 6 6 6 15 - <20 20 - <25 Page: 25 - < 30 30 - <35 잌 (P) Cleweland Metroparks 35 - <40 5 >40 (record each tree) =



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















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,
- 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 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

C

D

E

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: Stem still standing and tertiary main branches present.
- E: Central stem still standing.

Natural Resources Management FORM 2010-04a

25	24	23	22	21	20	19	100	17	16	15	14	13	12	=	10	9	8	7	3	υ ₀	4	ω	2		Tree Jule ID.
5		3	2	1	9			7	3	5			2										-	NONE P	Species
																								100	Dead
																1									c Voucher #
														- Constitution											DBH Ht @ Ash (cm) DBH condition
																									"Dead #
														84											#Exit Epicomic holes present
											В	nselic	ne												Woodpecker
				Map a					Ė	i	_							Ch Ch							
				all ash trees ≥10cm in each module using Tree ID number					N						•			*** Change intensive module numbers when necessary							
				dule using Tree ID number				[3						00			bers when necessary			,				

CLEVELAND WETROPARKS PE			8				, dy cievei	and Metroparks
Tier 1: Early detection	/ Rapid response			Pre	sence		GPS	
		-	NE	SE	SW	NW		Presence
Microstegium vimineum	Japanese stiltgrass						i .	X: yes
Ranunculus ficaria	Lesser Celandine							
Cynanchum louiseae (vine	Black Swallow-wort							
Butomus umbellatus (wetland	l) Flowering Rush							
Heracleum mantegazzianum	Giant Hogweed							
Tier 2: Assess	as Needed		a cons	# of	Plants		comments	
			NE	SE	SW	NW		# of Plants
Acer platanoides	Norway Maple			1				1: 1-10
Ailanthus altissima	Tree of Heaven							2: 11-50.
Lonicera japonica (vine)	Japanese Honeysuckle	2						3: 51-100
Lythrum salicaria (wetland)	Purple Loosestrife							4: 101-1,000
Aegopodium podagraria (G-cover	Bishop's Goutweed							5: >1,000
Celastrus orbiculatus (vine	Asian Bittersweet							
Torilis sp.	Hedgeparsley							
Conium maculatum	Poison Hemlock						,	
Rhamnus cathartica	Common Buckthorn	(shrub)	1	1		1		7
Berberis thunbergii	Japanese Barberry	(shrub)		Τ΄				7
Alnus glutinosa	European Alder	,						7
Dipsacus laciniatus	Cut-leaf Teasel							
Elaeagnus umbeliata	Autumn Olive	(shrub)						
Lonicera maackii	Amur Honeysuckle	(shrub)	a	12	12	2		
Euonymus fortunei	Wintercreeper	(511145)		 ^	 ^			
Tier 3: Presence		- 3		# of	Plants		comments	
			NE	SE	Isw	NW		# of Plants
Convallaria majalis (G-cover	Lily of the Valley						15mputch	1: 1-10
	Crown Vetch							2: 11-50
Eleutherococcus pentaphyllus	Five-leaf Aralia	(shrub)						3: 51-100
	Japanese Pachysandra							4: 101-1,000
Philadelphus coronarius	Mock Orange	(shrub)						5: >1,000
Pulmonaria officinalis (G-cover								
Rubus phoenicolasius	Wineberry							
Iris pseudacorus (wetland	The second secon			\top				
Ornithogalum umbellatum	Star of Bethlehem							
Viburnum opulus var. opulus	European Cranberry	(shrub)			1			
Viburnum plicatum	Doublefile Viburnum	(shrub)		1	1			
Tier 4: Widespread				Pre	sence		comments	
		missylvening	NE	SE	SW	NW		# of Plants
Alliaria petiolata	Garlic Mustard							1: 1-10
Ligustrum vulgare	Common Privet	(shrub)		\top		†		2: 11-50.
L. morrowii, L. tatarica	Bush Honeysuckles	(shrub)		1	1			3: 51-100
Phalaris arundinacea	Reed Canarygrass	(====,			\dagger			4: 101-1,000
Phragmites australis (wetland)	Phragmites							5: >1,000
Polygonum cuspidatum	Japanese Knotweed							<u> </u>
Frangula alnus	Glossy Buckthorn	(shrub)	\vdash	1	1			
Rosa multiflora	Multiflora Rose	(shrub)		1	1			_
Typha angustifolia, T. x.glauca	Cattails (wetland)		\vdash	+	+			\neg
Cirsium arvense	Canada thistle		 	+				\dashv
Dipsacus fullonum	Common Teasel			+-				\dashv
Hesperis matronalis	Dame's Rocket			+	+			7
Vinca minor (G-cover)	Periwinkle		1	+-		1	Smull on the bo	100
Autor timiot (A-coact)	To entransmise						CHIMIL WILLEY 100	ZA 1

10	တ	8	7	6	თ	4	ယ	2		mod #		CLEV
				A STATE OF THE STA					NUMB PREXIME	species		CLEVELAND METROPARKS Plant Community Assessment Program Forest Pest and Pathogens Data Sheet Project Label: PCAP Project Name (12 WH 2015 Plot No.:34
							,			voucher#		t Communit
										shrub clumps	#	nity Assessme
										0 ~	size class (cm) woody stems >1m	nt Program Projec
										2 1-<2.5	m) woody s	ogram Forest Pest and Patho Project Name (12 WH 2015
										3 2.5~<5	tems >1m	2WH;
	_									5-<10 1		Pathog 2015
										5 6 10-<15 15-<20		ens Da
												Plot No.: 3980
										7 20 - <25		980
										e 25 - <30		
										9 30 - <35		Page:
										10 35 - <40		Cloveler
										7 9 10 11 20 - <25 25 - <30 30 - <35 35 - <40 >40 (record each tree)		Gloveland Metroparks
										_	0462.2	-

Shrub Tree Strata (size class 3 or above) # of stem infected Severity (H,M, or

(size class 2 or below including shrub

* IF EVIDENCE OF PEST OR PATHOGEN RECORD TOTAL SPECIES POPULATION IN THE PLOT EVEN THE NOT INFECTED

NONE Walnut (Thousand Canker)	Hemlock (HWA)	Beech (Fungus)	* Write None Present if no evidence:
sand Canker)	VA)	us) NONE	vidence:
	Other Pest or Pathogen	Asian Longhorned Beetle	

Medium = Less than 50% of leaf/needle cover exhibiting symptoms High = more than 50% of leaffneedle cover exhibiting symptoms

Low = Only a few leaves or branches are exhibiting symptoms

Project Label: PCAP Project Name: 0 2 0 H 2015	PCAP	Pr	Project Name:	02 WH 2015	
STANDING BIOMASS (required for emergent wetlands) collected in 0.1m clip plots (32x32 cm) from corners 1 and 3 in each intensive module. Required for VIBI-E score calculation. C7=check when	ired for emerge our corners I and core calculation.	at wettan	is) collected intensive		
Wodule #	C7	Corner Corner	Comer	(FTT = excellent, g }	(FIT = excellent g Fit and Confidence
(Line			1	Hydrogenerah	Hydrogeomorphic class (WETLANDS C
100	1 4			o DEPRESSION	
1351				o IMPOUNDME	O IMPOUNDMENT to Beaver to Human

CLASSIFICATION			
(FIT = executent, g Fit and Confidence			
Hydroesomerahic class (WETLANDS ONLY):			
o DEPRESSION	7	Conf	
O IMPOUNDMENT to Beaver to Human	7	Confa	
o RIVERUNE o Headwater o Mainstern o Chunal	File	Conf	
O SLOPE (ground water hydrology or on a physical sloy)	3	Conf.	
o FRINGING to Reservoir to Natural Lake	7	Onf.	
ti COASTAL (specify subclass)	₽ 	Conf=	
a BOG (strongly, moderately, weekly embrotrophic)	Fit=	Confi	
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	CYTNO		
a FOREST a swamp forest a bog forest a forest seep		Conf.	
n EMENGENT o mash o wel meadow o open bog		Confr	

10 feature is present in moderate or greater amounts and of highest quality MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only imins for microhabitat feebures. Selectione or select two and everage the score,NDTE: If mod falls on a slope automatically gets ranked based on steepness (1-3) to begin + any feebures present feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality leature is present in the wetlend in very small emounts or if more common, of low quality testure is absent or functionally absent from the wedand ope 1 = slight elevational prade across module (NI) depth 3 lussocks (count) na. of E X uplands (Tip-Ups) 3.16x3.16m hummocks depth 2 no. of Slope 2 = falls on slope ~20* depressions no macro depth f 10x10m (yumos) (2-12 cm) depth I 6,8/.6 **C** 10x10m c.w.d. - count for pieces with minimum 1m length Slope 3 = maximum steepness that can be safely sampled -45° (12-J0cm) depth I ick Lom 0 Cw.d 0 depth I >40 cm 10110m D.W.G. (count) interspers. microhab. depth t 10x10m SLOPE microhab. 10210

McNAB INDICES (degrees) + for up - for down

Plot No.: 3980

Page: 1 of 1

IFILLED OUT USING OIS PROGRAM - DO NOT FILL OUT IN FIELD!

å-	3−	. .	<u>±</u>	<u>_</u>			_	
+315 degrees	+270 degrees	+225 degrees	+180 degrees	+135 degrees	90 degrees	45 degrees	Al aspect	
WW	W	SW	S	SE	m	NE NE	z	
								LM1
								TSI
	away	e) e of person	recorders eye to	TSI measure	angles formed by	horizon. TSI is	LFI is angle of	

* Landfortt Index (position within tandscape)
** Terrain Shape Index (site microtopographic shape)

CROWN COVER (DENSIOMETER): Make 4 readings per module facing N. S. E. W. Place dot count in confesonding space. (4 dots per grid square)

9	*	12	_	Module	
	,	Ø	Ø	2	
		-	Q	s	
		-	0	F	
		تو	Q	ŧ	1

MOTE: bussock and hummocks are counted in BOTH nested quadral corners but counts are aggregated.

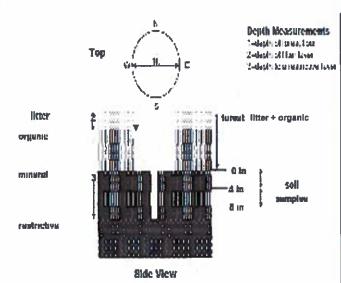
COV			

STRATUM	GENERAL FORM
Tree (generally >5 m)	Tree (overstory), very tall shrubs*, liana, epiphyte)
Shrub (generally 0.5 to 5 m)	Tree (sapling), shrub, liana, epiphyte)
Herb (Field)	Herb, dwarf-shrub**, tree (seedling***)
Floating	Floating
Aquatic (submerged)	Submerged

"Very tall shrubs are sometimes included in the tree stratum

**Can also include seedlings of shrubs, i.e. all shrubs <0.5m

**Tree seedlings are often defined as up to 1.4 m height or as <2.5 cm DBH in which case they would span the herb and shrub layers.



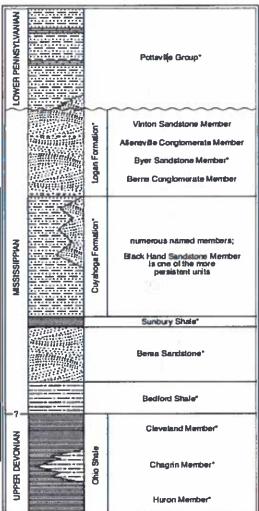


FIGURE 3-20.—Generalized section of Upper Devenian, Mississippian, and Lower Pannsylvanian formations in northeastern Ohio Austraka indicate units that are fossiliterous. This composite section represents about 400 meters of rock exposed across the area. The section is not to scale, but the thicknesses indicated are proportional. The term "Wavesty is used in the clider interature to refer to Mississippian rocks in Ohio. Some geologists use the European term "Carbonistrous," which excompanies the Mississippian and Pennsylvanian Periods of the U.S. Many intit have been named within the Cuyahoga Formation, but most units are local and cannot be traced over great distances. The Black Hand Member is a spectacular massive sandstone that is furly undergread but discontinuous. See Hyde (1953), Hoover (1960), and Colina (1978) for more information on Mississippian rocks in Ohio. See figure 3-18 for stylanstien of rock types.

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Blomass Data Sheet 6a
Project label: PCAP Project Name: 12 WH 305

(Citereland Metroparks

Page: 1 of 1

TRAIL INFORMATION: cord type and cover for each

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

Solt pit module # (one per entire piot)

					20 cm							6 carr
redox features**	texture*	oxid roots	%mottle	mottle color	matrix color	hydr cond ***	redox features**	lexture*	oxid roots	%mottle	mottle color	matrix color
٧		*	Ĺ			I S M	Y		4			
z	717	z				D	z		z			9

refer to texture classes on reverse side tydro. cond.*** I S M D

** c.g. hydrogen suifide odor, gleying, etc. Notes: include evidence of earthworms (worms, castings, middens) rindundated S-saturated M-moist D-dry

MOIDI: Name present.

Moda: None present.

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

Parent Material: Parent Material:	Landform type: Depth to rest. Layer:	Soil Series/Type: Soil Series Source. Ohio Soil Survey	Web Soil Survey Informations	Soil Collection Modul Herizan (A. R. C)
--------------------------------------	--------------------------------------	--	------------------------------	---

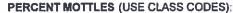
*** / 6		••Boulder => 10 m	• Gravel-Cobble = 1/16-10*	Bedrock	Boulder**	Gravel-Cobble*	Mineral Soil 100	Histosol	Guer - 100% percent	Underlying Earth Surface*	EARTH SURFACE & GROUND COVER
Contract south	RoadTrail	Bare Soil	Water	Bryophyte- Lichen	Duff (Ferm + Humus)	Litter	Fine Woody Debris****	Coarse Woody Debras***	£ach ≤ 100%	Ground Cover	DUND COVER
	17	7	0	0	0	90	KI	12	percent		

SEE BA					
···dus ··					
* rooted					
(Aquai	Ø	Ø	5	51	ع
(Floati	Q	Ø	S C	2.3	_
Shru	depth set soil (cm)	water depth (cm)	2 litter depth (cm)	l litter+ organic depth (cm)	mod#
Stra.	he nearest),5 cm,	deasure to tudes. If >30	REMENT: N	SOIL DEPTH MEASUREMENT: Measure to the nearest 0.1 cm in center of intensive modules. If >30.5 cm, record as >30	SOIL DEPTH 0.1 cm in cent record as >30

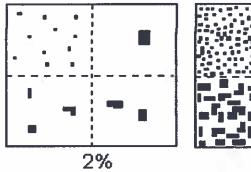
7.5.5	5.5 5.5	5	COVER BY STRATA estimate using midpol	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	x:3, 8, 13
No.	Tree 75 83 Shrub 5.5 78 Herb 6.5 3 (Floating)* 6.5 3	Strub	Stata	Height Rauge (m)	Total Cover (%)
No	Shrub #5.5 Herb #5.5 (Floating)* (Aquatic)* (Aqu	Strub #5.5 #1erb #5.5 (Floating)* (Aquatic)* *rooted and Boating or slightly emeraed *submersed, most plant mass below surface	Tree	200	83
T N	(Floating)* (Aquatic)* - rooted and loating or slightly emeraed	(Floating)* (Aquatic)* * rooted and floating or slightly emersed * submersed, most plant mass below surface	Shrub	.5.5	38
	(Aquatic)* - rooted and floating or slightly emeraed	(Aquatic)* - (Aquatic)* * rooted and floating or slightly emersed * submersed, most plant mass below surface	Herb	100	b
T	(Aquatic)* - rooted and floating or slightly emeraed	(Aquatic)* * rooted and floating or slightly emeraed * submersed, most plant mass below surface	(Floating)*	*	
	* rooted and floating or slightly emersed	* rooted and floating or slightly emersed ** submersed, most plant mass below surface	(Aquatic)*		

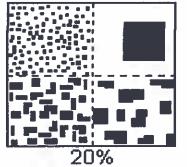
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STAND SIZE >600 x plot size > > 100 x plot size 10-100 x plot size 3-10 x plot size					
ZE size	2 Gravel	Bootleg unsanctioned	Bridle Hiking sanctioned	n All Purpose	Type
	12	ш	1		%Cover



Class	0	ode	Criteria: % of
	Conv.	NASIS	Surface Area Covered
Few	1	#	< 2
Common	С	#	2 to < 20
Many	m	#	≥ 20





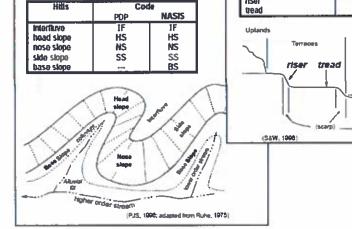
Terraces

SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but excess water does not freely flow from the sample when squeezed. Attempt to roll the sample into a ball. If the soil will not stay in a ball and has a grainy texture, the texture is either sandy or coarse sandy. If the soil does form a ball, squeeze the sample between your fingers and attempt to form a self-supporting ribbon. Samples which form both a ball and a ribbon should be coded as clayey; samples which form a ball but not a ribbon should be coded as loamy.

- 0= Organic
- 1= Loamy
- 2= Clayey
- 3= Sandy
- 4= Coarse Sand
- 9= Not measured make plot note

Geomorphic Component - Three-dimensional descriptors of parts of landforms or microleatures that are best applied to areas. Unique descriptors are available for Hills, Terraces. Mountains, and Flat Plains

e.g., (for Hills) nase slope or NS.



Hillslope - Profile Position (Hillslope Position in PDP) - Twodimensional descriptors of parts of line segments (i.e., slope position) along a transect that runs up and down the slope; e.g., backslope or BS. This is best applied to transects or points, not areas.

summit	SU
shoulder	SH
backslope	BS
footslope	FS
toeslope Sh	<u>TS</u>



HYDROLOGIC REGIME Modified from Grossman et al 1998. (Frequency and duration of flooding.)

UPLAND: Not a wetland. Very rarely flooded.

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

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

OCCASIONALLY FLOODED: Surface water can be present for brief periods during growing season, but not in most years. Often characterizes flood-plain upper terraces.

TEMPORARILY FLOODED: Surface water present for brief periods during growing season, but water table usually lies well below soil surface. Often characterizes flood-plain levees and lower terraces. Equivalent to Cowardin's Temporary modifier.

INTERMITTENTLY FLOODED: Substrate is usually exposed, but surface water can be present for variable periods without detectable seasonal periodicity. Inundation is not predictable to a given season and is dependent upon highly localized rain storms. This modifier was 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 the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's Intermittently Flooded modifier.

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

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

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

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					38			RM B-1:	BUFF	ER	SAI	MPL	E PI	LOT						(initial):			
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rellow Floating Heart	0	0	0	li di	Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
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Poison Hemlock	0	0	0		Chealgrass	0	0	0		Tamarisk	0	0	0	
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							FOF	RM B-1:	BUFF	ER	SAI	UPL	E PI	LOT		STATE AND DESCRIPTION OF THE PERSON NAMED IN			wed by			_ (
Site I	D:	30	18t)B	PI	10	N								DATE	09	I D a	<u>)</u> [1	٥.	1.	5	
Location	on:				. 8				FIII	in b	ubb	le(s)	if p	lot(s	s) cou	ld not be	sampl	ed a	nd fi	ag -	⇒ [- 1	
OAAC	enter	6	N	0	S	OE	0	W	OP	lot 1	1	9	Plot	2	Ø P	lot 3						J)	-
Fill in bubble	s for all th	at app	oly: Ca	пору	Туре:	D = D	eciduou	s: E = Everare	Buffer en, Leaf T	vpe: E	= Bn	oadlea	N = 1	Veedk	Leaf. A	bsent: No tree	в сапору.				_		
Strata Section	on: Fill in a	рргор	riate c	overc	-	17 11		n strata type fo	or each plo	t. 0 = .	Abser	it; 1 = \$	sparse	(<10%	6); 2=Mc	oderate(10-40	%); 3 = Hea	vy (40	J-75%)	; 4 = V	ery He	avy (>75%}
Buffer Plot 1	Canopy	y Typ f Typ	$\overline{}$		\leftarrow	sen	t: 🌚	Buffer Plot 2	Canop	· · ·	\rightarrow	$\stackrel{\sim}{=}$		seni		Buffer Plot 3	Canopy		$\stackrel{\succ}{=}$		Abs	sent	\sim
		-					Flag			f Typ	$\overline{}$			$\overline{}$	Flag			TÄ	e: ()	$\overline{}$		_	Flag
Big Trees (>		=	0	0	0	0		Big Trees (0	0	_	$\frac{\odot}{\odot}$		_	(>0.3m DBH	 \(\)	0		- 1	읽	
Small Trees (< Woody Shrubs		-	0	\odot	\odot	0		Small Trees (Woody Shrub			0		의	\odot		Small Trees	bs, Saplings	1		의	의	의	
(0.5m- Woody Shrubs	5m HIGH)	0	0	0	$\overline{0}$	0			-5m HIGH)	0	0	0		<u>0</u>			m-5m HIGH)			 +	엙	의	
. (<0.	5m HIGH) orbs and	(a)	0	0	0	0		(<(5m HIGH)	0	<u>O</u>	0	-	<u>O</u>		(<	0.5m HIGH)	0	0	-	_	의	
neius, r	Grasses	0	0	0	0	0	_		Grasses	0	0	0	=	0		FIBIUS,	Grasses	0	0	의		의	
	ground	0	0	0	<u>0</u>	0		-	ground	0	<u>O</u>	0	의	<u>O</u>			e ground	0	0	의	의	의	
Litt	ter, duff	6	0	<u>⊙</u>	$\overline{\mathbb{O}}$	0	_	Li	tter, duff	0	0	9		0		L	itter, duff	0	0	의	의	의	
	Rock	®	<u>Q</u>	<u>0</u>	0	0			Rock	0	0	0	<u> </u>	<u>0</u>			Rock	0	0	_	의	의	<i>/</i> ,=
	Water	0	0	0	0	0		6	Water	0	0	0	<u> </u>	<u>0</u>			Water	0	0	의	의	의	
V	bmerged egetation	0	0	\odot	<u>O</u>	0		\	ubmerged regetation	0	\odot	0	<u> </u>	<u> </u>			Submerged Vegetation	_	$ \Theta $	<u> </u>	<u> </u>	<u> </u>	
Stress	or Pres	sence	B/Ab	senc	:0 - (Confi	rm that	a filled data	bubble i	ndica	tes p	resend	e and	i an i	unfilled	bubble indic	cates abs	ence	by filli	ng thi:	s bub	ole. (9
Resi	dential	and	Urba	an Si	tress	ors			Hydrolo	gy S	tres	sors					Agricult	ural	& Ru	ral S	tress	ors	
Fill bubble	if pres	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	ent - f	Plot	1	2	3	Flag	Fili bubble	if prese	nt - P	lot	1	2	3	Flag
Road - gra	vel			0	0	0		Ditches, C				0	0	0		Pasture/Ha	ıy	Samo		0	_	의	
Road - two	lane			(3)	0	0	1-1	Dike/Dam/		l Bed	à.	0	0	0		Range				0	_	0	
Road - fou	ır lane			0	0	0		Water Lev	el Contro	Stru	cture	0	0	0		Row Crops				0	0	<u> </u>	
Parking Lo	ol/Paven	nent		0	0	0		Excavation	n, Dredgii	ng		0	0	0		Fallow Fiel ROW CROP FIEL	D)		ING	0		0	
Golf Cours	se			0	0	0		Fill/Spoil E		- I	1	0	0	0		Fallow Fiel SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park	(0	0	0		Freshly Do	ED)			0	0	0		Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/	Alberta Maria	osure		0	0	0	i	Dairy				0	0	0	
Urban/Mul	tifamily			0	0	0	i	Wall/Ripra				0	0	0		Orchard				0		0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A		eding		0	- i	0	
Dumping				0	0	0		(EFFLUENT (OR STORM			0	0	0		Rural Resid	genuai	_	_	0		의	
Trash				0	0	0		(SHEETFLOY		при		0	0	0		Gravel Pit				9	\rightarrow	의	
Other:	_			0	0	0		Other:				0	0	0		Irrigation				0		의	
Other:				0	0	0		Other:			-	0	0	0		Other:				0	0	이	
Indu	strial D	evel	opm	ent S	Stres	sor	8						Habit	at/V	egeta	tion Stress							.31
Fill bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if pres	ent -	Plot	1			Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	lse			0		9	
Gas Wells	3			0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Shi	rub Cuttin	9		0		0	
Mine (surf	ace)			0	0	0		Tree Planta				0	0	0		Trails				Q	0	0	
Mine (und	erground	d)		0	0	0		Tree Canor (INSECT)		Tri.		0	0	0		Soil Compa (ANIMAL OR H				0	0	0	
Military				0	0	0		Shrub Laye (WILD OR DO	MESTIC)			0	0	0		Offroad veh		•		0	0	0	
Other:				0	0	0		Highly Graz (OVERALL <3*	HIGH)			0	0	0		Soil erosion OR OVERUSE		ND, W	ATER,	0	0	0	
Other:			"[]	0	0	0		Recently Be Canopy				0	0	0		Other:				0	0	0	
Other:				0	0	0		Recently B		asslar	nd	0	0	0		Other:				0	0	0	-
● FI	ag codes	: K = I	No me	asure		mad	e, U = S	uspect meas	urement.,	F1,F2	2, etc.	= mis	c. flag	8 888	igned b	y each field c	rew.		2428	3168	304		7
В	uffer Sai	mple	Plots	05	/27/2	2011	nain all 1	lags in comm	ioni Sectio	on on	ine Di	SCK Of	unis 10	शास		tiu –		T b			11586	4	

Site ID:		39	80	BF	WaN_	DAT	E: _(5.	11_	0.21.2015				
@ Confirm	a fille	d da	ta bu	i elddi	ndicates presence and an unf	illed I	oubbl	e Ind	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
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
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	0		Chealgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0	0.00	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	
		7				00//4/17				Other:	0	0	0	
					PLOT COORI	DINA	TES							
				O E3	O W3 Nearest pra	Lor	ngitu	de V		g and comment below)	<u>.</u>		1	
							2.0000		-			1180		
Flag Comments														
1 Plot 2	an	₩	3		could not be	ح	an	4	led	- fell off pr	UP)	rt	پ	
6P	S	ot	40	Ler	at Plot 1	<u>3n</u>	m	OW	ud	lawn + APT	<u>'</u>		_	
												,		
														4
					· · · · · · · · · · · · · · · · · · ·	r								
										<u> </u>				
			de			7 =				79	6662	354	18	

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

						FOF	RM B-1:	BUFF	ER	SAN	IPL	E PI	.OT	S (F	ont)	R	eviewed by	(initial)	:	_ (
Site ID:	30	181	DE	SP	Me	JE.								DATE	0.9	1.0.7	1.2	0.	1.	5.	
Location:								FIII	in b	ubb	le(s)	if p	ot(s	s) cou	ld not be	sample	d and f	iag -	→		
O AA Center	С	N	0	S	6 E	0	W	OF	lot	1	Ø1	lot	2	Ø P	lot 3					\perp	
Fill in bubbles for all t	hat an	she Co	noov.	Time	D = D	acidum.		Buffer							hsent: No tree	e canony					н
Strata Section: Fill in	approp	riate d	cover	lass b	ubbie	for each	strata type fo	or each plo	t. 0 =	Absen	t; 1 = 5	parse	(<10%	6); 2=Mc	derate(10-40	%); 3 = Heav	y (40-75%); 4 = V	'ery He	avy (>75%)
Buffer Canop	у Тур	e: 🕙	9 @) At	sen	: O	Buffer	Canop	у Тур	e: 🕞) () At	sent	: 0	Buffer	Сапору	Type: 💿) ①	Ab	sent	0
Plot 1 Les	f Typ	e: (<u>(</u>	9 (,	Flag	Plot 2	Lea	f Typ	e: (E) (Flag	Plot 3	Leaf	Type: 🕞	<u>(</u>	<u>) </u>		Flag
Big Trees (>0.3m DBH	(0	0	0	0		Big Trees (•0.3m DBH)	0	0	0	0	0		Big Trees	(>0.3m DBH)	<u> </u>	0	<u> </u>	0	
Small Trees (<0.3m DBI	0	0	(0	0		Small Trees (<0.3m DBH	0	0	0	<u> </u>	<u>O</u>		Small Trees	(<0.3m DBH)	<u> </u>	0	<u> </u>	<u> </u>	
Woody Shrubs, Saplings (0.5m-5m HIGH)		0	0	0	\odot		Woody Shrub (0.5m	s, Saplings ⊢5m HIGH)	0	0	0	<u> </u>	<u>O</u>		(0.5	rbs, Saplings m-5m HIGH)	<u> </u>	0	<u> </u>	<u> </u>	
Woody Shrubs, Saplings (<0.5m HIGH)	0	0	0	0	0		Woody Shrub (<0	s, Sapilings).5m HIGH)	0	0	0	0	①		Woody Shru (<	bs, Saplings :0.5m HIGH)	<u> </u>	0	0	0	1
Herbs, Forbs and Grasses		0	0	0	0		Herbs, i	Forbs and Grasses	0	0	0	3	0		Herbs,	Forbs and Grasses	<u> </u>	0	0	0	
Bare ground	0	0	0	0	0		Bare	ground	0	0	0	0	0		Bar	e ground	00	0	0	<u> </u>	
Litter, duff	0	0	0	0	0		Li	tter, duff	0	0	0	<u> </u>	0		L	itter, duff	$0 \mid 0$	0	0	0	
Rock	0	0	0	0	0	_	-	Rock	0	0	0	0	0		•	Rock	00	0	0	0	
Water	(d)	0	0	0	0			Water	0	0	0	0	0			Water	00	0	0	0	
Submerged Vegetation		0	0	0	0			ubmerged /egetation	0	0	0	0	0			Submerged Vegetation	00	0	0	0	
Stressor Pre		e/Ab	send	e - (Confi	rm that			ndica	tes p	resend	e and	an i	unfilled	bubble indi	ates abser	nce by fill	ing thi	s bub	ble.	<u> </u>
Residentia	and	Urb	an S	tress	BOLS	ı i		Hydrold	gy S	tres	8018					Agricultu	ral & Ru	ıral 9	tres	BOLE	
Fill bubble If pres	ent -	Plot	1	2	3	Flag	Fill bubble	e if pres	ent -	Piot	1	2	3	Flag	Fili bubble	If present	t - Plot	1	2	3	Flag
Road - gravel			0	0	0		Ditches, C	hanneliz	ation		0	0	0	F 5	Pasture/Ha	у		0	0	0	
Road - two lane			0	0	0	-	Dike/Dam/		₹Bed		0	0	0		Range	11111	- II)	0	0	0	
Road - four lane			0	0	0		Water Lev	- V	ol Stru	oture	0	0	0		Row Crops		- 0	0	0	0	
Parking Lot/Pave	ment		0	0	0		Excavation	n, Dredgi	ng		0	0	0		Fallow Fiel	d (RECENT-R	ESTING	0	0	0	
Golf Course	10		0	0	0		Fill/Spoil E	S. ARTONAGO		NII.	0	0	0		Fallow Fiel SHRUBS, TRI	d (OLD - GRA ES)	SS,	0	0	0	
Lawn/Park			0	0	0		Freshly De		Sedir	nent	0	0	0	-11	Nursery	4		0	0	0	
Suburban Reside	ntial		0	0	0		Soil Loss/	Root Exp	osure		0	0	0		Dairy		and d	0	0	0	
Urban/Multifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard			0	0	0	
Landfill			0	0	0		Inlets, Out				0	0	0			Inimal Fee	ding	0	0	0	
Dumping			a	0	0		Point Sou (EFFLUENT	OR STORM	WATE	₹)	0	0	0		Rural Resi	dentiel		0		0	
Trash			10	0	0	_ ′	i imperviou						_		+1-11	uoi mu	-		400		
			1	I.O.	_		(SHEETFLOV				0	0	0	1 =	Gravel Pit	401101		0	0	0	
Other:			0	0	0		Other:	<u>w</u>			0	0	0		Irrigation			0	0	0	
Other:			1		_		(SHEETFLOV	<u>w</u>				0	0				and the state of t	0			
	Devel	opm	0	0	0	8	Other:	<u>w</u>			0	0 0	0 0	egeta	Irrigation			0	0	0	
Other:	-		0	0	0	s Flag	Other:	νη	inpu		0	0 0	0 0	egeta	Irrigation Other:		nt - Plot	0 0	0	0	Flag
Other:	-		O	O	0 0 sor		Other:	n if prese	inpu		0	O O Habii	0 0 0	_	Irrigation Other:	sors ble if prese	nt - Plot	0 0	0	0	Flag
Other: Industrial i	-		0 ent :	O O Stress	O Sor 3		Other: Other: Fill bubble	if prese	nnt -		0	O O O labit	O O 20 20 20 3	_	Other:tion Stress	sors ble if prese		0 0 0	0	0	Flag
Other: Industrial i Fill bubble if pres	-		0 0 ent:	O O Stress	0 0 sor 3 0		Other: Other: Fill bubble	if prese	nnt -		1 0	O O O labit	0 0 0 at/V 3 0	_	Other:tion Stress Fill bubb	sors ble if prese		0 0 0	0 0 2 0	0 0 3 0	Flag
Other: Industrial i Fill bubble if pres Oil Drilling Gas Wells	sent -		0 ent:	0 0 Stress 2 0	3 0		Other:	a If prese	inpu		1 0	0 0 0 1 abis 2 0	0 0 0 tat/V 3 0	_	Other: tion Stress Fill bubb Herbicide U Mowing/Sh Trails Soil Compa	sors ble if prese Jse rub Cutting		0 0 0	2 0 0	0 0 3 0	Flag
Other: Industrial i Fill bubble if pres Oil Drilling Gas Wells Mine (surface)	sent -		0 0 0 1 0 0 0	0 0 5tres 2 0 0 0	3 0 0		Other: Other: Fill bubble Forest Clear Forest Sele Tree Planta Tree Canor (INSECT) Shrub Laye	a if prese ar Cut active Cu ation by Herbiver Browse	ent -		0 0 1 0 0	0 0 0 1 abii 2 0 0	0 0 0 at/V 3 0 0	_	Irrigation Other: tion Stress Fill bubb Herbicide U Mowing/Sh Trails	sors Jse Tub Cutting Sction RUMAN)		0 0 0 0 0	2 0 0	0 0 3 0 0	Flag
Other: Industrial it Fill bubble if pres Oil Drilling Gas Wells Mine (surface) Mine (underground Military	sent -		0 0 ent: 1 0 0 0	0 0 0 2 0 0 0 0	3 0 0 0 0		Other:	a If present of the control of the c	ent -		1 0 0 0 0	0 0 0 Habiii 2 0 0 0	0 0 0 0 3 0 0 0	_	Irrigation Other: tion Stress Fill bubb Herbicide t Mowing/Sh Trails Soil Compa (ANIMAL OR I- Offroad vel Soil erosion	sors Jse Tub Cutting action RUMAN) nicle damag	ge ge	0 0 0 0 0 0	0 0 0 0 0 0	3 0 0 0 0	Flag
Other: Industrial i Fill bubble if pres Oil Drilling Gas Wells Mine (surface) Mine (undergrour Military Other:	sent -		0 0 0 1 0 0 0 0 0	0 0 0 3 5 1 2 0 0 0 0 0 0 0	3 0 0 0 0 0		Other: Other: Other: Forest Clear Forest Sele Tree Planta Tree Canor (INSECT) Shrub Laye (WILD OR DO) Highly Grat (OVERALL <3' Recently B	a if prese ar Cut active Cu ation by Herbit ar Browse MESTIC) ared Gray	ent -		1 0 0 0 0 0	0 0 0 1 2 0 0 0 0 0	0 0 0 3 0 0 0 0	_	Irrigation Other: tion Stress Fill bubb Herbicide L Mowing/Sh Trails Soil Comps (ANIMAL OR H Offroad vel	sors Jse Tub Cutting action RUMAN) nicle damag	ge ge	0 0 0 1 0 0 0 0 0	2 0 0 0 0	3 0 0 0 0 0	Flag
Other: Industrial i Fill bubble if pres Oil Drilling Gas Wells Mine (surface) Mine (undergrour Military Other: Other:	sent -		1 0 0 0 0 0 0 0 0	0 0 0 2 0 0 0 0 0	3 0 0 0 0 0 0		Other: Other: Other: Other: Fill bubble Forest Clea Forest Sele Tree Planta Tree Canor (INSECT) Shrub Laye (WILD OR DO Highly Graz (OVERALL <3') Recently B Canopy Recently B	a if prese ar Cut active Cu ation by Herbit ar Browse MESTIC) ared Grass Highl) urned Fo	t t t t t t t t t t t t t t t t t t t	Plot	1 0 0 0 0 0	0 0 0 0 2 0 0 0 0 0	3 0 0 0 0 0 0	_	Irrigation Other: tion Stress Fill bubb Herbicide t Mowing/Sh Trails Soil Comps (ANIMAL OR H Offroad vel Soil erosion OR OVERUSE	sors Jse Tub Cutting action RUMAN) nicle damag	ge ge	0 0 0 0 0 0 0 0 0	2 0 0 0 0 0	3 0 0 0 0 0	Flag
Other: Industrial i Fill bubble if pres Oil Drilling Gas Wells Mine (surface) Mine (undergrour Military Other: Other:	sent -	Plot	0 0 0 1 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0	3 0 0 0 0 0 0	Flag	Other: Other: Other: Fill bubble Forest Clea Forest Sele Tree Planta Tree Canop (INSECT) Shrub Laye (WILD OR DO Highly Graz (OVERALL <3)* RECENTRY Canopy	a if prese ar Cut active Cu ation by Herbiv or Browse MESTIC) and Grass HIGH) urned Gr	t t vory	Plot	1 0 0 0 0 0 0	0 0 0 0 1 2 0 0 0 0 0 0	0 0 0 0 3 0 0 0 0 0 0	Flag	Irrigation Other: tion Stress Fill bubb Herbicide t Mowing/Sh Trails Soil Compa (ANIMAL OR H Offroad vel Soil erosion OR OVERUSE Other: Other:	sors Jse rub Cutting action RUMAN) nicle damag	ge D, WATER,	0 0 0 1 0 0 0 0 0	2 0 0 0 0 0	3 0 0 0 0 0 0	Flag

FO	RM	B-1	: E	BUFF	ER SAMPLE PLOTS -	TAR	RGE	TEC	ALI	EN SPECIES (Back) Reviewed by	(initle):		
Site ID:		30	18	DB	PWaE	DAT	E: _	0.0	11.	0.21.20.15			7150	
O Confirm	a fille	ed da	ta b	ıbble i	ndicates presence and an unf	illed (oubbl	e ind	ilcates	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	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	- 3
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	6
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	200
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Olher:	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	
										Other:	0	0	0	
					PLOT COORI	DINA	TES							
Location of coordinat O AA CENTER O N Latitude	13	o s	3	O E3	O W3 So Nearest pra	Lor	ngitu	de V	ALC: NO	g and comment below)	8	[FI	
Flag Comments	•		- 1											
1 Plots 24	3 5	e t	ان	d n	in from Plot	fe 1		Dn	φ	rivata proper	0			
									72					
		nie is								79	5662	2354	18	•

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

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• Site I	D.	24	,,,	h	Δĺ	۸. ۱		RM B-1:	BUFF	ER	SAN	/PL	E PL		STATE OF	CONTRACTOR OF THE PARTY OF			ed by (i		1 0	-(
Site I		39	<u>لار</u>	15	PV	16	3 9		T				110 1			9						2,_	
Location				_		_							n pi Plot :			ld not be	sampi	ea ai	na ma	∍g –		1	
OAAC	enter	C	N	Ð	8	O	<u> </u>	W	OP Buffer	lot 1						lot 3				1		/	
Fill in bubble Strata Section	s for all th on: Fill in a	at app	ply: Ca priate o	nopy cover	Type: class l	D = C	eciduou for eact	s; E = Evergre s strata type fo	en. Leaf T	voe: B	= Bro	adleaf	N = N	leedle	Leaf. A	bsent: No tre derate(10-40	e canopy. %); 3 = Hea	ıvy (40	-75%),	4 = V	ery He	avy (75%)
Buffer	Canopy	у Тур	e: 🤨) () AI	bsen	t: O	Buffer	Canopy	у Тур	e: 🕞) () Ab	sent	: 0	Buffer	Canopy	/ Туре	e: (b)	0	Ab	sent:	0
Plot 1	Lea	f Typ	e: () (Flag	Plot 2	Lea	f Typ	e: 🕒) ()		Flag	Plot 3	Leaf	Туре	: ①	0			Flag
Big Trees (>	0.3m DBH)	0	0	1	0	0		Big Trees (>	0.3m DBH)	0	0	0	0	0		Big Trees	(>0.3m DBH)	0	0	②	0	0	
Small Trees (<	0.3m DBH)	0	0	6	0	0		Small Trees (<0.3m DBH)	0	0	0	0	0		Small Trees	(<0.3m DBH	0	0	0	0	0	
Woody Shrubs	, Saplings 5m HIGH)	0	8	0	0	0	=	Woody Shrub: (0.5m	s, Saplings -5m HIGH)	0	0	0	0	0			ubs, Saplings m-5m HIGH)		0	<u> </u>	0	0	-
Woody Shrubs		0	0	0	0	0		Woody Shrub		0	0	0	0	0			ibs, Saplings <0.5m HIGH)	0	0	0	0	0	
Herbs, F		0	0	0	(2)	0			orbs and Grasses	0	0	0	0	<u> </u>		Herbs	Forbs and	0	0	0	0	0	
-	ground	0	0	0	0	0		Bare	ground	0	0	0		0		Bai	re ground	0	0	o l	<u></u>	0	- 1
Liti	er, duff	Ō	0	0	0	Ō		Lit	ter, duff	Ō	0	0	0	o l		L	itter, duff.	0	0	<u>o</u> i	o	이	
72	Rock	6	0	0	0	0			Rock	0	Ō	(·)	0	0	_	_	Rock	0	0	a	0	0	
	Water	(b)	Ō	0	0	Ō			Water	0	\odot	<u>(1)</u>	0	Ō			Water	0	0	Ō	Ŏ	Ö	
	bmerged	0	ŏ	0	0	0			bmerged	0	Ö	0	ŏ	Ö			Submerged Vegetation		Ö	ळा	ॅ	ਗੋ	
	egetation or Pres		e/Ab			<u> </u>	rm that	a filled data	egetation bubble in	ndica	tes p	esen	e and	d an i	unfilled	bubble indi			oy fillin	ig this	s bub	ble. (9
	dential				17				Hydrolo			****					Agricult					de un tela	101
Fill bubble	1000	-	la referen	1	2	3	Flag	Fill bubble			40000	1	2	3	Flag	Fill bubble				1	2	3	Flag
Road - gra	Dan.			o	0	o		Ditches, C				0	0	0		Pasture/Ha	ev			0	0	0	
Road - two				ŏ	ō	ŏ		Dike/Dam/	Road/RF			ō	o	ō		Range		-		ठी	Ö	Ö	
Road - fou	ır lane	- 72		ō	0	ō		(IMPEDE FLO		l Stru	cture	- 1	0	Ō		Row Crops				o	0	o	
Parking Lo	ot/Paven	nent		O	O	ō	1046	Excavation	ı, Dredgir	ng		0	0	0		Fallow Fiel		-RESTI	NG	0	O	0	ПП
Golf Cours	50			0	0	0		Fill/Spoil B	anks			0	0	0		Fallow Fie	d (OLD - GF	ASS,		0	0	0	
Lawn/Parl	ŧ.		1-5	0	0	0	8	Freshly De		Sedin	nent	0	0	0	, 2	Nursery				0	0	0	181
Suburban	Resider	ntial		0	0	0		Soil Loss/		osure		0	0	0		Dairy				0	0	0	
Urban/Mu	ltifamily			0	0	0		Wall/Ripra	р	Ė.		0	0	0		Orchard			9	0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A	Animal Fe	eding		0	0	0	
Dumping				0	0	0		Point Sour	OR STORM			0	0	0		Rural Resi	dential			0	0	이	
Trash				0	0	0	-144	Impervious (SHEETFLOV		Inpu		0	0	0		Gravel Pit	h.,			0	0	0	
Other:				0	0	0		Other:				0	0	0	OX	Irrigation				0	0	0	
Other: _				0	0	0		Other:				0	0	0		Other:				0	0	0	
Indu	strial D	evel	opm	ent	Stre	BSOF	8	·	Transper C			- 1	labit	at/V	egeta	tion Stres	sors			Seleter.			
FIII bubble	if pres	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - i	Plot	1	2	3	Flag	Fill bubb	ole if pres	ent -	Plot	1	2	3	Flag
Oil Drilling		100		0	0	0		Forest Clea	r Cut			0	0	0	,	Herbicide l	Jse			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cuttin	g		0	0	0	
Mine (surf	ace)			O	0	0		Tree Planta	ition			0	0	0		Trails				@	0	0	1
Mine (und	erground	d)		0	0	0		Tree Canop	y Herbiv	ory		0	0	0		Soil Compa				0	0	0	П
Military			(cm)	0	0	0		Shrub Laye	r Browse	d		0	0	0		Offroad ve		ege		0	0	0	
Other:				0	0	ō		Highly Graz	ed Grass	ses	224	0	0	0		Soll erosio		NO, WA	ATER,	o	0	0	
Other:				0	0	o		Recently Bo		rest		0	0	0		Other:				0	0	0	
Other:				0	0	o		Canopy Recently Bu		assla	nd	0	0	0		Other:				o	O	ō	
	ag codes	: K =	No m	1		t mad	e, U = S	(BLACKENED) uspect meas	urement.,	F1,F	2, etc.	= mis	c. flag	S 835		- 53,000	rew.		L 2428		. ~ -		T
	uffer Sa					Ext	lls nisk	lags in comm	ent section	on on	the b	ack of	this fo	m				111 5-	<u> </u>	1100	, , , ,		

	RM	B-1	: E	BUFF	ER SAMPLE PLOTS -					Reviewed by	/ (initial): <u> </u>		•
Site ID:	ĺ	399	80	BP	Was	DAT	E: _ (0,9		0.21.20.15				
⊘ Confirm	a fille	d da	ta bı	ıbble i	ndicates presence and an unf	illed l	ubbl	e ind	licates	absence by filling in this bubi	bie			
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	0	0	0	-	Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	7
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		Himatayan Blackberry	0	0	0	2120
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	1
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	0	0	-	Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	1000
										Other:	0	0	0	
		.000			PLOT COOR	DINA	TES			Control of the state of the sta				1000
Location of coordinate O AA CENTER O N	es (c	hoo:	se 0	ne): O E3	O W3	ctica Lor	ble k	ocatio	on (fla	g and comment below) 6.8.1.6.6.0.7	.4.		Fla	3g
Flag Comments	3													
1 Plots V	4 PI	3 c	1	Je	not be san	rse	2	GY	loe 5 P	to golf course		USU	_	
				500 100										
le le														
					-									1000
			_		***					1.5000			-	
											-			
	-							16.5			-	170		
										79	6662	354	8	

05/27/2011

Buffer Sample Points - Targeted Alien Species

						3/4/	EO	RM B-1:	BITEE	FP	SAR	/DI	E DI	ОТ	'S /F:	ront)	n.	rviewed by	finisian		П	
Site II	D:	=	24	X D	R	01	Val	-	BUIT		الحرب	HT, C				0.9					<	4
Locatio			, ,	ט ע	1)	Y	V /A	~	T FIII	in b	ubb	le(s)	if p			ıld not be				_		
OAAC		О	N	0	s	OE	6	w	Cardo	lot 1			Plot			lot 3						
									Buffer	Nate	ıral											
Fill in bubbles Strata Section	s for all ti n: Fill in	hat app approp	oly: Ca oriate d	over c	Type: :lass b	D = D oubble	eciduou for eac	s; E = Evergre n strata type fo	en. Leaf T or each plo	ype: B t. 0 = /	= Bro Absen	adlea t; 1 = \$; N = N Sparse	Veedk (<10%	e Leaf. A 6); 2≃Mo	Absent: No tree oderate(10-40	e canopy. %); 3 = Heavy	(40-75%); 4 = V	'ery H	avy (2	75%)
Buffer	Сапор	у Тур	e: 🕝	<u>(</u>) At	sen	ti 🕣	Buffer	Canopy	у Тур	e: 🕝	<u> (</u>) Ab	sent	: 🙆	Buffer	Canopy 1			Ab	sent:	1
Plot 1	Lea	f Typ	e: 🖸	<u>(</u>	<u> </u>		Flag	Plot 2	Lea	f Typ	e: () (Flag	Plot 3	Leaf 1	ype: 🕒) () .	- 1	Flag
Big Trees (>0).3m DBH	0	0	0	0	0	1	Big Trees (-0.3m DBH)	0	0	0	-	<u> </u>			(>0.3m DBH)	-	0	<u> </u>	<u> </u>	
Small Trees (<0).3m DBH	0	0	0	0	0		Small Trees (<0.3m DBH)	0	0	0	<u> </u>	<u>O</u>			(<0.3m DBH)	_	0	<u> </u>	<u> </u>	
Woody Shrubs, (0.5m-5	Saplings im HIGH)		0	0	0	0			+5m HIGH)	0	0	0	<u> </u>	<u>O</u>		(0.5		◎	0	<u>O</u>	<u> </u>	
Woody Shrubs, (<0.5	Saplings 5m HIGH)		0	0	0	0		Woody Shrub (<0	s, Saplings).5m HIGH)	@	0	0	<u> </u>	<u>O</u>		(4			0	<u> </u>	0	
Herbs, Fo	orbs and Grasses		0	0	0	0	,	Herbs, I	Forbs and Grasses	0	0	0	0	(Herbs	Forbs and Grasses	<u>ତାତ</u>	0	0	(
Bare g	ground	0	0	0	0	0		Bare	ground	9	0	0	0	0		Bar	e ground (9 0	0	0	0	
Litte	er, duff	1	0	0	0	0		Li	tter, duff	0	0	0	0	Ō		L	itter, duff	3 0	0	0	<u> </u>	,
	Rock	0	0	0	0	0	=-1		Rock	0	0	0	0	<u>o</u>			Rock	<u>ම</u>	0	0	0	
	Water	0	0	0	0	0		-	Water	Ð	0	0	0	Ō			Water	1 0	0	0	0	
	bmerged	0	0	0	0	Õ			ubmerged regetation	0	Ō	0	তা	Ō			Submerged Vegetation	90	0	0	0	
	egetation or Pres		e/Ab		_	Confi	rm that					resen	ce and	dan	unfilled	bubble indi	, -3		1 - 1	s but	ble. (<u>a</u>
Resid	lential	and	Urb	an Si	tress	sors	7001		Hydrolo	av S	tres	sors					Agricultu	ral & R	ural S	tres	BOTS	
Fill bubble		1-21		1	2	3	Flag	FIII bubbi				1	2	3	Flag		if present		1	2	3	Flag
Road - grav	vel			О	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	зу		0	0	0	
Road - two	lane	ante:		ō	O	O		Dike/Dam/		R Bed		0	0	0		Range	-72		0	0	o	
Road - four	r lane			0	0	0	II	Water Lev		l Stru	cture	0	0	0		Row Crops	116		0	0	0	
Parking Lo	l/Paver	nent		0	0	0		Excavation	n, Dredgii	ng		0	0	0		Fallow Fiel	d (RECENT-R	ESTING	0	0	0	
Golf Cours	e			0	•	•		Fill/Spoil B				0	0	0			d (OLD - GRA	55,	0	0	0	
Lawn/Park	GIVE T		- 17	0	0	0	7.0	Freshly De	eposited S	Sedin	nent	0	0	0		Nursery		11/3	0	0	0	
Suburban I	Reside	ntial		0	0	0		Soil Loss/	Root Exp	osure		0	0	0		Dairy			0	0	0	
Urban/Mult	tifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard			0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0	144	Confined A	nimal Feed	ling	0	0	0	
Dumping				0	0	0		Point Sour	OR STORM	NATER	3)	0	0	0		Rural Resi	dential		0	0	0	
Trash				0	0	0		(SHEETFLOW		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	
Indus	strial C	evel	opm	ent S	Stres	son	8					H	Habit	at/V	egeta	tion Stres	sors					
Fill bubble	if pres	ent-	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if prese	nt - Plot	1	2	3	Flag
Oil Drilling			III W	0	0	0		Forest Clea	r Cut			0	0	0		Herbicide L	Jse		0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting		0	0	0	
Mine (surfa	ace)		-	0	0	0		Tree Planta	ition			0	0	0		Trails			0	0	0	
Mine (unde	ergroun	d)		0	0	0		Tree Canor	y Herbiv	огу	Ш	0	0	0		Soil Compa	ection (UMAN)		(1)	0	Q)
Military				o	0	O		Shrub Laye		d	opus!	0	0	0			nicle damag	e	0	0	0	-
Other:			Ţ	0	0	0		Highly Graz	zed Grass	ses		0	0	0	ì	Soil erosion	1 (FROM WINE	, WATER,	0	0	0	
Other:				0	0	0		Recently B	umed Fo	rest		ō	0	0	1	Other:	·		0	0	0	
Other:		Wi		0	0	0		Recently B		assla	nd	0	0	0		Other:			0	0	Ō	
	ig code	ı: K ≃	No me	-		mad	e, U=S	uspect meas	urement.,	F1,F2	2, etc.	= mis	c. flag	5 235	igned b	y each field c	rew.	240	816			
1 1 1 1 1 1	uffer Sa					Exo	tain all i	flags in comm	nent section	on on	the b	ack of	this fo	нт				242	. O ± O	, J () 4	11	

FO	RM	B-1	: E	UFF	ER SAMPLE PLOTS -	TAR	GE	TEC	ALI	EN SPECIES (Back) Reviewed by	(Initial):		•
Site ID:	3	31	SD	Be	! WaW	DAT	ک :=	0.9	_/_	0.21.20.15				
Confirm	a fille	d dat	ta bı	ıbble iı	ndicates presence and an unfi	lled t	ldduc	e ind	licates	absence by filling in this bubb	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	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
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		Himatayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		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	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
										Other:	0	0	0	
					PLOT COORI	DINA	TES	3						
Location of coordinate O AA CENTER O N Latitude	3	o s	3	O E3	W3 O Nearest pra	Lor	ngitu	de V		g and comment below)	0			
Flag Comments							TURN							
				***						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	- 00			
		_												
								-			- 10			
	-	_							77.			100		
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				-	*	9.17						_		
		_3%	76										_	
	_		-		1970	05.70								
					<u> </u>					A15 - 1/1/20 - 4/2				
	_	_												
Buffer Sample I	Points	s - Tai	rgete	ed Alier	n Species 05/27/2011					79	6662	2354	18	•