Project Label:	PCAP	Plot No:	1901	Date Sampled: 6-20-2012 Lead: }	كالمثالث
				Comment required if item answer is NO	
Parking/Access outsic	le of Park Boundaries:	Y (R)	If yes, wr	ite details in Comments section below	
Field journals comple	ted	(Y) N			
Site sketch made on 1	3000 map?	Ø N			
Check cover page	X-axis Bearing of plot recorded	Ƴ N			
	GPS coords. Recorded	N (V) N			
hook Ash =	North direction recorded	(Y) N			
	Photographs taken?	Ø N			
lot No., Date agreem	ent on all pages?	₹ N			
leader data complete	d all pages?	(Ý) N			
Cover classes recorde	d in all Intensive modules	Q N			
Browse Level By Spe	cies	Q) N			
Woody stem quality of	ontrol check	Ø N			
nvasive plant quality	control check	(v) N			
Ash trees mapped		₽ N		0	
Cover by Strata? (con	firm cover type)	(Y) N			
oil samples collected	with matching plot #.	(Y) N			
ouchers labeled on o	latasheet with initials and number	(Ý) N			
Vouchers labeled on o	collection bag	Ø N			
ink flags removed		₩ N			
Data sheet QA before	leaving site?	ØN.			
Common equipment r	eturned to tub.	Y N			
Data sheets scanned?		6/21/12	Enter date	e to left NB	
inal data sheets scan	ned?	n	Enter date	e to left	
Buffer Widths measur	red?	(Y) N	JEP		
Web Soil Survey		(Y) N	By ula	11/202	
Oucher Location	Refrigerator	(Y) N	6-6	20-2012	
# vouchers collected)	Press (#)		Enter nur	nber to left	
no2 ,	Drier	Y N			
SPE 519	Identified	CX N			
511- 21	Mounted	Y N			
	Thrown away	Y N			
GRTS point verifica	tion: Is plot sampleable?				
Yes	Original GRTS point is sampleable				
D No	Original GRTS point lands in a non-	sampleable area (fi	ll in categ	ory below)	
	D Point falls in a water (i.e river,				
	☐ Managed mowed area (i.e. golf	course, picnic area, righ	t-of-way)		
	Paved area (i.e. parkinglot, road)				
	Unsafe to sample (i.e. steep slope Other	·)			
Additional Carre					
Additional Commen	<u>us:</u>				

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet	nunity Assessment Pr	rogram - Backgrou	- Background Data Sheet				(PC)usulumdiffuirquetta
MODIFIED NATURESERVE CLASS*			DISTURBANCES	CES			
CODE (on separate form):	Fit=fall Conf= Lcw		type* severity**	y** yrs ag	o % of plot	description	
Ċ			Human /	1+5	100	trash	
			Natural				
COMMUNITY NAME:	ř		Fire				
			Cut				
* Plan Voru strong may in	Canaa ba saa		Animal MH	0	100	Doer Browse	
o character callity atypical planted	Callity atypical o	lanted	Other				
HOMOGENEITY	,		**L=low, ML=me	d low, M=m	ed, MH=med	**L=low, ML=med low, M=med, MH=med high, H=high, VH=very high	
Homogeneous Compositional trend across the plot	end across the plot		Current Land Use:	e Park			
☐ Conspicuous inclusions ☐ Irregular/pattern mosaic	nosaic		Former Land Use:	UZ	ス	A	
	HYDROLOGIC REGIME*	IME*					1
	Upland (seldom flooded)	□ Interr	□ Intermittently flooded				
SALINITY*	□ Intermittently/seasonally saturated		□ Semipermanently flooded	_			
🗅 Saltwater	(seldom flooded)	□ Perm	□ Permanently flooded				
□ Brackish	□ Permanently/Semipermanent. saturated		□ Tidal/Seiche flooded daily				
o Fresh	(dry <1/yr, seldom flooded)		☐ Tidal/Seiche flooded monthly	thly			
Depland (n/a)	□ Occasionally flooded (<1/yr)		Tidal/Seiche flooded irregular	gular			
	□ Temporarily flooded	(c.g.	(e.g. wind, storms)				
(by default unless plot is a wetland)		ם Unknown	юwп		II		
Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.	of plot to the stand, successi	ional status, maturity, etc	2.)				-
Plot was set up because only 10 m would stretch across the narrow disturbed	of the as	m would	Stretch	acros	s the	narrow chistu	ibel
So get. We could only o	to 40 monters	before a	more ma	ture	less a	isturbed Jurust	inergo
This is a mighty dis	turbed edge	, plot with	a Vario	J 9	hdans	6	
Thora was lots of exicle	nce of brows	e on the	Astars, F	Laxion	is seed	lings, Lowicero	. 100
Tens of ward chips in mod 3	Mod 3	Þ					
	かいしゃん						
Lots of invasives and disturbance species (prurella, taraxocum, dectylus, holius) Ash appear	disturbance	speciestpr	runalla, ta	UXOCV	س طعد	tylus, holous) x	Ish appear
to be declinating. Mod I was more open due to down Jugans and Suling Crutiago	J H was n	none apar	~ due to	de		wns we soul	ry Cruteagu

						ā		
Project Label:	Project Label: PCAP Project name: ○\&r ②\\ Broject name: ○\\ Broject name: ○\	nent Program Spec	rogram species Cover Data Project name: <u>⊘\ &_r </u>	R Sneet Za Plot no.:	no.: 120		Page 1 of	4
Total modules:	4	Intensive modules:	4	Plot configuration:	-×+	Plot a	Plot area (ha): ()	
•	Br = Browse Level. Use cover classes to	Estimate for each intensive module:	mod corner mod	comer mod comer cov depth cov	mod comer mod c	corner mod corner	mod comer mod comer 4 4 4 2 depth cov depth cov	r mod corner R R
Metroparks	entire plot	%unvegetated open water	- -	10		000	0	
Strata - Cov. entire plot	3	%unveg. litter (bare litter)	- - -	5) r		W Q	18	
T S H (F)(A)	Br Species	c Voucher#	depth cov depth	cov depth cov	depth cov depth	/ depth cav	depth cov depth cov	depth cov
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ا ا	Cornus Floride	,	- W		Q-			10.2
ع	٦		<u>-</u> ك	イメ			ا ا	
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ىع	Hamama (1's		353		223			
622	Rose multiflor		シェシ	36		H 9	131.	
<i>-</i>			2	نو	22	ر الا	2314	
	& Ulmus sp (seedlings)		رب دی ک		ı	نلا	222	
5 2	7 Crataggus sp.		ر س	<u>-</u>	Q)	J.	254	
نع	Prunus sproting		- ىو	e) (5)				
e V	Tara-xacum officinale		エピ	W	2	<u>د</u>	1 1	
2	1_		9				23	
6	Parthenocissu	E1-5C-8 7	(V)	N	L W	4	2214	
W	7 Ager Elateriflorus	1691-67	とめる	\ \ \ \	(V)	2 2	222	
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	Borberis thunbergi		<u>۔</u> پی					
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9	Quercus rubri		لع نع) <u>4</u>	セト	D TH	\Box		
7 7	6 Runus coresus		نو 2		W		-) 3	
<i>ا</i>	Circion (ital) and		にた		-	<u>၂</u>		

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harp wide CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Strata - Cov. entire plot Cleveland Metroparks Project Label: Total modules: S H (F)(A) Br ى 2 تع T 5 W Platage Potontilla Rubus sp. Rhampus Prunella Rubus Sp Carux & Danden Ego D Oxalis stricts 1 buchum apulus S 113 ACAR HIN DIVOX SOSEA careta Hotrox anthum ANTIMO SOCIUM Arisaema مح جراريام SAUDIONS Pronuca describe amount of browse per species over OXI Spared Con Br = Browse Level. Use cover classes to vacus tenuis SAWA orata Slabia Vulgaris Spoolling Larougha Species NYSTAX Surphy entire plot PCAP I Trangula TION Simplex no fruit or flo Octoration 200 raculananders ou 3 SOD triph 1364 Sag C Intensive modules: %unveg. ground (bare soil) %unvegetated open water Estimate for each intensive module: %unveg. litter (bare litter) 386 (2-)(50 SRE 512 Project name: Ol Br 2012 3 Voucher # U %open water 9 9 W φ ىو W mod corner mod 2 UR U N W 0 (J cov | depth I **Q** 5 cov | depth تع (_U D حوا Plot configuration: l COV 000 نو 2 2-0 1 COV Plot no.: [20] T I mod XY 2 8 60 RU S) depth pott N W 4 ש رو COV T. CDV 2 depth depth T 6 I (1) Plot area (ha): O _ COV 5 4 1 1 Page d of ک 6 2 e 2 4 COV cov | depth 9 depth 1 mod comer 2 COV depth depth mod Z comer COV COV Z

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Natural Resource Management FORM NR/2010-02a

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	ω _		Acur scelling		
cov depth cov depth cov depth cov	cov depth	-	Br Species	Т S H (F)(A) Вr	
		%unveg. ground (bare soil) %unveg. litter (bare litter)		Strata - Cov. entire plot	
		%unvegetated open water	entire plot	Metroparks	
comer mod corner mod corner, mod corner \[\frac{2}{2} \] \[\fra	mod comer, mod comer mod comer, mod co	Estimate for each intensive module:	Br = Browse Level. Use cover classes to describe amount of browse per species over		
/ <u>X</u>	니 Plot configuration: /×	Intensive modules: 1	F	Total modules:	
1201	<u> </u>	Project name: <u>()</u> <u>3,6 201</u> 2	Project Label: PCAP Project name: O 35 2012	Project Label:	

Corner Bumber Module Number

Intensive Corner

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Project Label:	PCAP PCAP	Project Label: PCAP Project name: 0) 80 2012 Plot no.: 120	Page 7 of 7
Total modules:		Intensive modules: 4 Plot configuration: 1×4	Plot area (ha): 🔘,)
Cleveland	Br = Browse Level. Use cover classes to describe amount of browse per species over entire plot	Estimate for each intensive module: Med corner mod cor	correr mod correr mod correr mod correr 4 3 2 4 4 9 2 R R cov depth cov depth cov depth cov
ala-		%unveg. litter (bare litter)	
T S H (F)(A) Br	Species	C Voucher# depth cov depth cov depth cov depth cov depth cov	ov depth cov depth cov depth cov
_	Solonum dulcamers	90	
20	Vitis sp.	*	12
	Viburnum dentation		
	to labium coloretum		
5	1		2 -
الع	Harus		25
	Tilia america		- 4
	Sistinchation Marshifalia	SKE BAD III	X
	the second		

LOW OR NONE: there is no measurable browse line **BROWSE RATING NARRATIVE DESCRIPTION**

EXAMPLES OF PERCENT OF AREA COVERED

class cover

% cover

midpoin

example, trilliums may flower and fruit, but jewelweed and arrowwood viburnum exhibit browse. reproducing in numbers that appear normal or nearto plant reproduction evident. In this rating, plants are AND there are very few or no plants 1-m nested quadrat normal in comparison to low browse areas. For browsed but preferential species are observed to be about 10 percent of the stems with no significant impact MEDIUM LOW values include evidence of browse at less than 10 percent, by numbers of stems browsed. and intensive module. In general, low values relate to

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

species of plants, reproduction does not appear to occur and 25 percent of stems browsed with very little HIGH: greater than 25 percent of the stems of plants in or it is very severely limited. vegetation regeneration evident. In this rating, for some MEDIUM HIGH values include evidence of a browse line

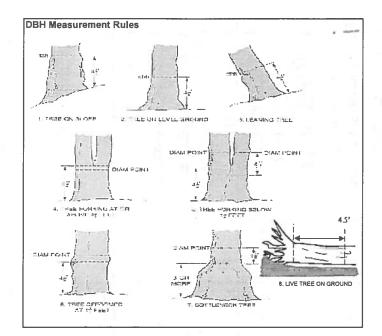
the 1 m2 nested quadrat and intensive module AND a seedlings and herbs are severely browsed or missing where the browse line is very evident AND almost all VERY HIGH values include extensive browse conditions browse line is evident

Browse line may be 5 to 6 feet in height with no or little

KEY: O Plot Origin Typical Plot green growth beneath. Ю N Module Number ۵. N 44 N Intensive Corner KIT O

	27	Project Label: PCAP Project Name: 0164 2013 Plot No.:	E	PCAP	ASSESSI	Projec	Project Name: 0164 2012	O) & C	Bloe A	Stem Da	Plot No.: 1201	1901	•	Page:	_	of	Contract Contract	Oleveland Metropaits
	=	Explain subsample (additional room on back):	on ba	ck):				19										
					# stems 0-1.4m	% sub	#	size class	size class (cm) woody stems >1.4m	dy stems >	1.4m	on .	6	7	8	9	10	1
	mod #	species	n	voucher#	browsed	sample	clumps	0-41	1-<2.5	2.5-<5	5-<10	10 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	>40 (record each
	T	for nigrum	\pm															
2	1	Carya ovata						•										
<	-	P .				ı	-		9	0	0 0							
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2		PINUS MIGRE														0		
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200		Lonicera mocrowii					18	4										
-	-	Rosa multiflora					16									To the	E 58	
<		Lonicera maackii					&			11			1					
<		Ligustium vulgace					29											
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5	2	2	_						٥	9 8	9							
<	2								•		4		94	0 4				
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-		5	6															
5	12	avercus rubra									•							46.9
<	-	aleditsia triacanthos	8													•		
	4	Par Houroci																
5	2	•				Ziver in the second										The same of	Name of the least of	

L loxicodendron radicans



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.
- 3. Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.
- 5. Dead canopy: No 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.



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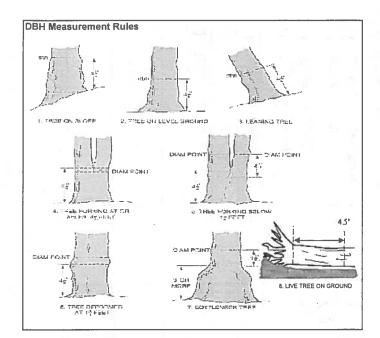
E

ASH CANOPY BREAKUP CONDITION (for dead trees):

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0 11 11 < 40 >40 (record each tree	9 10 30 - <35 35 - <40	8 25 - <30	7 20 - <25	6 15 - <20	5 10 - <15	5-1.4m 6 5-<10	ody stems	size class (cm) woody stems >1.4m 1 2 3 4 0-<1 1-<2.5 2.5-<5 5-<		ar shrub	% sub or super	# stems 0-1.4m browsed	voucher#	species	mod #
	11	p	5,7										ack):	Explain subsample (additional room on back):	Exp
Cleveland Metropaiks	<u>ಿಕೆ</u> ಕ	2	Page:	I	Plot No.: 120	Plot No	I.	Project Name: 0 6 2 2012	016	ect Name	Proj	1	PCAP	Project Label:	
	•				et	ata She	Stem L	/ Woody	Natura	rogram	ment P	Assess	Communit	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet	CLEVEL



Woody Stem Deer Browse

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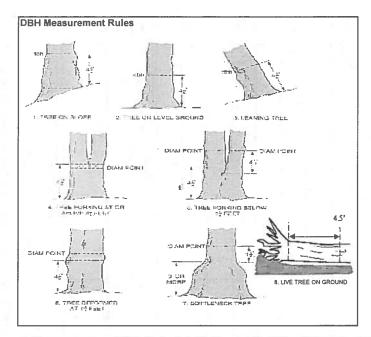
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CLE	CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Project Label: PCAP Project Name: の1 名に 3013 Plot No.: Explain subsample (additional room on back):	t Co.	PCAP	Assessn	nent Pro	gram I Name:	nt Program Natural Woody S Project Name: <u>の) みん みの) る</u>	Woody S	Stem Da	ta Sheet Plot No.: 1201	1301		Page:	N E	10	(A) Clewela	Ocieveland Metropairs
				# stems 0-1.4m	% sub	#	size class (cm) woody stems >1.4m	(cm) wood	dy stems >	1.4m	St.	6	7	œ	9	i	=
rpod #	species	ი	voucher#	browsed		clumps	0-<1	1-<2.5	2.5-<5	5-<10	10 - <15	15 - <20	20 - <25	25 - <30	30 - <35	35 - <40	>40 (record each tree)
N	Lindera benzoin	_		00	_	51		= **	=1V.					8			
N	-	2		0						X							
7	Ulmus americana			ø			11	a a		0							
ㅁ	Crategous sp.						9 2	9 4	9			0					
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M	Vitos sp.						0										
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エ	Liquistrum vulgare					Q											
7	Rosa multiflora					=											
14	Julians ricra																
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Woody Stem Deer Browse

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									71	12							131		Γ				4	3	w	Module	1
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* If A Coun Wood	Г																						T	Fa			
\sh Co ≀EAB e dpecke																							Fraxinus	faxinus	Frakinus		
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ead) pro .5m irked p															_											Dead	Project Label: PCAP
* If Ash Condition scores 5 (dead) provide breakup score (A-E) Count EAB exit holes 1.25m≥ x ≥1.5m Woodpecker and epicormic marked present (1) or absent (0)			-																				N I			c Vouc	م ا
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	19:				1		Į.		WAY														0	0	0	$\overline{}$	ASA
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			-																				_	1	0	: Woodpecker	0:: 1910
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					h modu			ŀ				/		_					numbe				_				
	1				Map all ash trees≥10cm in each module using Tree ID number		2.7						/	\					*** Change intensive module numbers when necessary								Pag
•					Tree !				٥	.		Ibel		\	V.	20		12	n neces								Page: 1 of 2
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CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



Tier 1: Early detection	/ Rapid response	JAPA 3	1300	Pre	sence		GPS	
			NE	SE	SW	NW		Presence
Microstegium vimineum	Japanese stiltgrass							X: yes
Ranunculus ficaria	Lesser Celandine							
Cynanchum Iouiseae (vine)	Black Swallow-wort							
Butomus umbeliatus (wetland) Flowering Rush]
Heracleum mantegazzianum	Giant Hogweed]
Tier 2: Assess a	is Needed			# of	Plants		comments	
			NE	SE	SW	NW		# of Plants
Acer platanoides	Norway Maple							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							1
Conium maculatum	Poison Hemlock			1	1			1
Rhamnus cathartica	Common Buckthorn	(shrub)		17	×	\Box		1
Berberis thunbergii	Japanese Barberry	(shrub)	1	1	1	2		1
Alnus glutinosa	European Alder		1	1				1
Dipsacus laciniatus	Cut-leaf Teasel							
Elaeagnus umbellata	Autumn Olive	(shrub)		1	1			
Lonicera maackii	Amur Honeysuckle	(shrub)	2	17	1	2 =		
Euonymus fortunei	Wintercreeper	(-			
Tier 3: Presence i		The Post of	12.00	# of	Plants	WIND ST	comments	
		data las	NE	SE	sw	NW		# of Plants
Convallaria majalis (G-cover)	Lily of the Valley		- Marian	and an and	100000000000000000000000000000000000000	WATER THE		1: 1-10
Coronilla varia (G-cover)				†				2: 11-50.
Eleutherococcus pentaphyllus	Five-leaf Aralia	(shrub)	 			П		3: 51-100
	Japanese Pachysandra	<u> </u>		 	 			4: 101-1,000
Philadelphus coronarius	Mock Orange	(shrub)					10 1	5: >1,000
Pulmonaria officinalis (G-cover)	<u> </u>	(=::::)			<u> </u>			
Rubus phoenicolasius	Wineberry							ĺ
Iris pseudacorus (wetland)								
Ornithogalum umbellatum	Star of Bethlehem			<u> </u>				
Viburnum opulus var. opulus	European Cranberry	(shrub)						
Viburnum plicatum	Doublefile Viburnum	(shrub)		†				
Tier 4: Widespread				Pres	ence	30230	comments	
			NE	SE	sw	NW		Presence
Alliaria petiolata	Garlic Mustard		3	2	7			X: yes
Ligustrum vulgare	Common Privet	(shrub)		7	2	3°		1 7.55
L. morrowii, L. tatarica	Bush Honeysuckles	(shrub)	d	1	18	2-		
Phalaris arundinacea	Reed Canarygrass	(0 0.0)	17	 		-		
Phragmites australis (wetland)	Phragmites			 	†			
Polygonum cuspidatum	Japanese Knotweed			t	 			\$11 ==
Frangula alnus	Glossy Buckthorn	(shrub)			1	23		
Rosa multiflora	Multiflora Rose	(shrub)	3	3	3	20		
Typha angustifolia, T. x.glauca	Cattails (wetland)	(3111 010)		Ι -	OX.		9	
Cirsium arvense	Canada thistle		 	 	†			
Dipsacus fullonum	Common Teasel			 	 			
Hesperis matronalis	Dame's Rocket		 	 	 	 		
Vinca minor (G-cover)	Periwinkle		-	 			<u></u>	
vinca rinnor (G-cover)	Ti ci iwijikie	. 4. 1.1	. 	10	<u></u>			I

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

Page: 1 of 1

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

Soil pit module # \$\frac{1}{1-\sqrt{1}} \tag{one per entire plot}

						20 cm							5 cm
hydro cond ***	redox features**	texture*	oxid roots	omottle	mottle color	matrix color 107R	hydr cond ***	redox features**	texture*	oxid roots	%mottle	mottle color	matrix color 10
1 S M D	3) z	4	z Z	0	7	R473	I S M D	Z Z	۲۰(Z Z	0	2 4	R 3/2

refer to texture classes on reverse side

e g. hydrogen sulfide odor, gleying, etc.

*** Circle one:
I=indundated S=saturated M=moist D=dry
Notes: include evidence of earthworms (worms,
castings, middens)

sail pit earthworms within Soil pit, cashing

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

A. yarm 6/20/12013 Impermeable surface

Well drained

Moderately well dr. Very poorly dr.

Somewhat poorly dr.

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

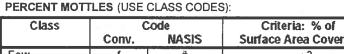
		3.		
H	B	2	_	mod#
0.1	1,0	8.1	0.3	1 litter+ organic depth (cm)
0.1	0.2	1.8	0.3	2 litter depth (cm)
0	0	0	0	water depth (cm)
06<	>30	061	730	depth sat

EARTH SURFACE & GROUND COVER	E & GROUN	VD COVER	
Underlying Earth Surface*	Surface*	Ground Cover	
(Sum = 100%)	percent	(Each ≤ 100%)	percent
Histosol	Ø	Coarse Woody Debris***	51
Mineral Soil	たり	Fine Woody Debris***	S
Gravel-Cobble*	83	Litter	55
Boulder**	≫	Duff (Ferm.+ Humus)	Ø
Bedrock	Ø	Bryophyte- Lichen	_
* Gravel-Cobble = 1/16-10*	1/16-10"	Water	Ø
**Boulder = > 10 in	n	Bare Soil	IJ
*** >5 cm in diameter	eter	Road/Epail	Q
**** <5 cm in diameter	neter	Other	,

COVER BY STRATA estimate using midpol	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	,ex:3, 8, 13 %
Strata	Height Range (m)	Total Cover (%)
Tree	>5	88
Shrub	₈ 5 - 5	63
Herb	0-5	84
 (Floating)*	-	
(Aquatic)*	-	
* rooted and fic	* rooted and floating or slightly emersed	sed
** submersed,	** submersed, most plant mass below surface	w surface
SEE BACK OF	SEE BACK OF PAGE FOR 'TYPICAL'STRATA DESCRIPTIONS. STRATA CAN VARY BY CO	SEE BACK OF PAGE FOR "TYPICAL"STRATA DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE.

TRAIL INFORMATION:	
record type and cover for each	ach
Туре	%Cover
□ All Purpose	
□ Bridle	
□ Hiking sanctioned	
□ Bootleg unsanctioned	
D Gravel	
o Deer	
,	11

No trails

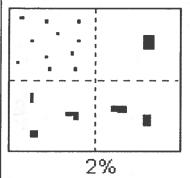


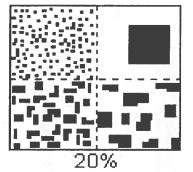
 Conv.
 NASIS
 Surface Area Covered

 Few
 f
 #
 < 2</td>

 Common
 c
 #
 2 to < 20</td>

 Many
 m
 #
 ≥ 20





Terraces

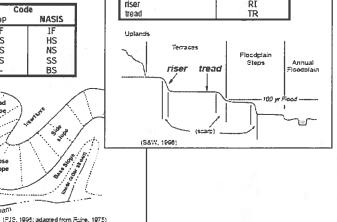
SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but 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 microfeatures that are best applied to areas. Unique descriptors are available for Hills, Terraces, Mountains, and Fiat Plains: e.g., (for Hills) nose slope or NS.

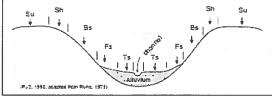
Hills	Cod	le
	PDP	NASIS
interfluve	IF	IF
head slope	HS	HS
nose slope	NS	N\$
side slope	SS	SS
base slope		BS
	Head slope	

higher order stream



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.

Position	Code
summit	SU
shoulder	SH
backslope	BS
footslope	FS
toeslope	TS



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.

CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface

Project Label: PCAP Project Name: 0 | 0 | 200 2

Plot No.:

(A) Discontinual Metroparton Page: 1 of 1

McNAB INDICES (degrees) + for up - for down

FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD]

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

		Module # C? Corner Corner
	 	Corner
		Corner

CLASSIFICATION		
(FIT = excellent, g Fit and Confidence		
Hydrogeomorphic class (WETLANDS ONLY):		
DEPRESSION	Fit=	Conf=
a IMPOUNDMENT a Beaver a Human	Fi	Conf=
D RIVERINE D Headwater D Mainstern D Channel	1	Conf=
□ SLOPE (ground water hydrology or on a physical slop)	1	Conf=
□ FRINGING □ Reservoir □ Natural Lake	FIF	Conf=
COASTAL (specify subclass)	-	Conf=
□ BOG (strongly, moderately, weekly ombrotrophic)	File	Conf≂
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	Ë	
□ FOREST □ swamp forest □ bog forest □ forest seep	Fil=	Conf=
□ EMERGENT □ marsh □ wet meadow □ open bog	1	Conf=
a SHRUB a shrub swamp a tall sh. bog a tall sh. fen	Fit=	Conf≖

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

Slope 1 = slight elevational grade across module (hill) tanks for microhabital features. Select one or select two and everage the score.NOTE: If mod falls on a slope automatically gets ranked based on steepness (1-3) to begin + any features present Slope 2 " falls on slope ~20 " Slope 3 = maximum sleepness that can be safely sampled ~45°

- feature is absent or functionally absent from the wetland
- feature is present in the wetland in very small amounts or if more common, of low quality
- feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality
- 10 feature is present in moderate or greater amounts and of highest quality

					c.w.d coun	t for pieces with n	c.w.d count for pieces with minimum 1m length		
		no of	no of	по, тасто.	c.w.d	c.w.d	c.w.d	microhab.	microhab.
		lussocks	hummocks	depressions	(2-12 cm)	(12-40cm)	>40 cm	interspers.	
			uplands (Tip-Ups)					10	
		depth 3	depth 2	depth 1	depth 1	depth 1	depth 1	depth 1	SLOPE
		lxlm	3.16x3.16m	10x10m	10x10m	10x10m	10x10m	10x10m	10x10m
mod#	corner	(count)	(count)	(count)	(count)	(count)	(count)	(rank)	(rank)
_		0	0		15	0	0	_	0
2		0	0	0	ーナ	+2	0	12	_
Ç		0	0	_	18	23	O		
ح		0	0	0	16	3	0)	_
.2						,			

corresonding space. (4 dols per grid square) CROWN COVER (DENSIONIETER) Make 4 readings per module facing N, S. E, W. Place dot count in

** Terrain Shape Index (site microtopographic shape)

Landform Index (position within landscape)

+315 degrees

N.W

+270 degrees

€

away. standing ~10 m

+225 degrees

SW

eye of person

angle from

+135 degrees +180 degrees

SE

+90 degrees

+45 degrees

ΝE

plot to the horizon. TSI is angles formed by local slopes. For TSI measure

At aspect

z

LFI is angle of

24	ري س	+2	-	Nodule	t
Ŧ	6	Ŋ	7	Z	0 -
15	٦	4	5	s	
15	5	8	6	E	
پر	3	(3)	W	W	L
	SI SI H	4 15 18	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	5 2 2 4 5 6 6 5 5 6 6 6 6 6 6 6 6 6 6 6 6 6 6	2 4 4 4 0 0 x

6 -	e d
5 R	6 4
2 2	V V
- w	26

5 51

 ω ω

22

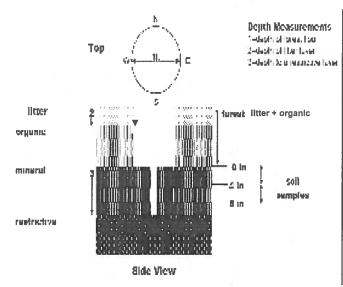
V3

COVER BY STRATA

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

^{***}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.



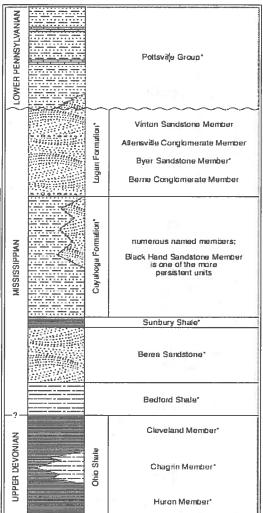


FIGURE 3-20.—Generalized section of Upper Devonian, Missistippian, and Lower Pennsylvanian formations in northeastern Ofrio Asterisks indicate units that are fossiliferous. This composite section represents about 400 meters of rock exposed across the area. The section is nit to scale, but the inclinesses indicated are proportional. The term "Waverly" is used in the older literature to refer to Missistippian rocks in Orio. Some geologists uses the European term "Carboniferous," which encompasses the Missisppian and Pennsylvanian Petrods of the U.S. Many units have been named within the Cuyahoga Formation, out most units are local and cannot be traced over great distances. The Black Hand Member is a spectarillar massive sandstone that is fairly widespread four discontinuous. See Hyde (1933), Horver (1950), and Collins (293) for more information on Mississippian rocks in Ohio. See figure 3-15 for explanation of took types.

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

								1															
			ules P			Эď	FO	RM B-1:										Review				_ (
Site I	D: P	CAL	031	312	101										DATE	් <u>උ ර</u> ild not be	120	_/	2.	0	1 ,	2	
Locati	on:	III S						NI TES	Fill	in b	ubb	le(s)	if p	lot(s	s) cou	ıld not be	sample	d an	nd fla	ag -	→		
@ AA C	Center	C	N	0	S	01	0	W	OP	lot 1		01	Plot	2	OF	Plot 3							
Fill in bubble Strata Section	es for all thon: Fill in a	nat app	oly: Ca oriate d	nopy over o	Type:	D = C	eciduou for eac	s; E = Evergre n strata type fo	Buffer een. Leaf T or each plo	voe: B	= Bro	adleaf	: N = 1	Veedle	Leaf. A	Absent: No tree oderate(10-409	e canopy. %); 3 = Hea	vy (40-	75%);	4 = V	ery He	eavy (>75%)
Buffer	Canop	у Тур	e: 🚰	() AI	bsen	t: O	Buffer	Canopy	у Тур	e: (•) () Ab	sent	: O	Buffer	Canopy	Туре	: (0)	(£)	Ab	sent	0
Plot 1	Lea	f Typ	e: 6) (Flag	Plot 2	Lea	f Тур	e: (6	<u> </u>)		Flag	Plot 3	Leaf	Туре	: 💿	(v)			Flag
Big Trees (>	0.3m DBH)	0	0	0	(3)	0		Big Trees (>0.3m DBH)	0	0	0	<u> </u>	0		Big Trees	(>0.3m DBH)	0	0	0	0	0	
mall Trees (<	:0.3m DBH)	0	0	<u>③</u>	0	0		Small Trees (<0.3m DBH)	0	0	0	0	0		Small Trees	(<0.3m DBH)	0	0	0	0	0	
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	0	0	②	•	0		Woody Shrub (0.5n	s, Saplings n-5m HIGH)	0	0	0	0	0	e,		bs, Saplings m-5m HIGH)	0	0	0	0	0	
Woody Shrubs (<0.	s, Saplings .5m HIGH)	0	0	0	3	0		Woody Shrub	s, Saplings 0.5m HIGH)	0	0	0	0	0		Woody Shru (<	bs, Saplings 0.5m HIGH)	0	0	0	0	0	
Herbs, F	orbs and Grasses	0	0	②		0		Herbs,	Forbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	0	0	0	7.7
Bare	ground	0	0	0	3	0		Bare	ground	0	0	0	0	0		Bar	e ground	0	0	0	0	0	
Lit	ter, duff	0	0	②	•	0		Li	tter, duff	0	0	0	0	0		L	itter, duff	0	0	0	0	0	
	Rock	0	0	②	3	0			Rock	0	0	0	0	0			Rock	0	0	②	0	0	
	Water	0	0	(1)	0	0			Water	0	0	0	0	0			Water	0	0	②	0	0	
	bmerged egetation	0	0	②	0	0			ubmerged /egetation	0	0	(2)	0	0			Submerged Vegetation	0	0	0	0	0	
		sence	e/Ab	senc	e - (Confi	rm that			ndicat	es pr	esen	e and	d an ı	unfilled	bubble indic		nce b	y fillir	g this	s bub	ble.	0
Resi	dential	and	Urba	an Si	tress	sors			Hydrolo	gy S	tres	sors	Mil				Agricultu	ıral 8	k Rui	al S	tres	sors	
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubbl	e if prese	ent - F	Plot	1	2	3	Flag	Fill bubble	if presen	t - Pl	ot	1	2	3	Flag
Road - gra	avel	The		0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ıy			0	0	0	W. C. L
Road - two	lane	III.		0	0	0		Dike/Dam/		Bed		0	0	0		Range		214		0	0	0	J.
Road - fou	ır lane			0	0	0		Water Lev		Stru	cture	0	0	0		Row Crops				0	0	0	ħ.
Parking Lo	ot/Pavem	nent		0	0	0		Excavation	n, Dredgir	ng	mş/	0	0	0		Fallow Field		RESTIN	IG	0	0	0	1
Golf Cours	se			0	0	0		Fill/Spoil E				0	0	0		Fallow Field SHRUBS, TRE		ASS,		0	0	0	
Lawn/Park	(Į D		0	0	0		Freshly De		Sedim	ent	0	0	0		Nursery				0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/I	Root Expo	osure		0	0	0		Dairy				0	0	0	
Urban/Mul	ltifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard				0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A	nimal Fee	ding		0	0	0	
Dumping				0	0	0		Point Sour	OR STORMV	VATER)	0	0	0		Rural Resid	dential			0	0	0	
Trash				0	0	0		Impervious (SHEETFLOV		input		0	0	0	\perp	Gravel Pit				0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation				0	0	0	
Other:		2.44		0	0	0		Other:		-		0	0	0		Other:	VEN - LEE			0	0	0	
Indu	strial D	evel	opmo	ent S	Stres	sor	S					1	labit	at/V	egeta	tion Stress	sors						
Fill bubble	if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	lot	1	2	3	Flag	Fill bubb	le if prese	ent - F	Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	ır Cut			0	0	0		Herbicide U	lse			0	0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	,		0	0	0	
Mine (surf	ace)			0	0	0		Tree Planta	ition			0	0	0		Trails				0	0	0	
Mine (und	erground	i)		0	0	0		Tree Canor	y Herbivo	огу		0	0	0		Soil Compa (ANIMAL OR H				0	0	0	
Military				0	0	0		Shrub Laye		d		0	0	0		Offroad veh	icle dama	ge		0	0	0	
Other:				0	0	0		Highly Graz	ed Grass	ses		0	0	0		Soil erosion		D, WA	TER,	0	0	0	
Other:		Live Was	7	0	0	0		Recently B	urned For	rest	TV.	0	0	0		Other:				0	0	0	
Other:				0	0	0		Recently B		asslar	d	0	0	0		Other:				0	0	0	
	ag codes:	K=1	ome	B.754					urement.,			= mis		s assi		y each field c	rew.						7
	uffer Sar				/27/2	Exp		lags in comn											2428	TOE	JU4		

FO	RM	B-1	1: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEI) ALI	EN SPECIES (Back) Reviewed by	y (initia	t):		
Site ID:	PC	A	BR	120		DAT	E: _	0.4	ه اره	20,1,2,0,1,2				
Confirm	a fille	ed da	ıta bı	ubble i	ndicates presence and an uni	filled I	bubb	le inc	licates	absence by filling in this bub	ble	mp		110
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	
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	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	
			1							Other:	0	0	0	
	MARIE	1889		MASS	PLOT COOR	DINA	TES				503			
flag box, and describe where	the c cente es (c	oordi er of F	inate Plot 3 se o	s were as pos	taken and why in the comment ssible or at the center of the las	section t acce	n bel ssible	ow. T	he coo fer Plot	ill in the "nearest practicable loc rdinates of the nearest practicat g and comment below)				be
Latitude f	Norti	h	1.	. 3	Use Decimal Deg				Vest	081.6190	.2.			
Flor Comments														
Flag Comments			4.4					_						
1 d love	03	ph	rlt	15.	ed proximal (<u> </u>	0 m)	fr	on AA centa				
		_=												
												15	- 1200	
										GE W				io.v
					5									1,61
														oller I.
Telfa :					1 1 0 0					7				
					0.0									
			127						e: 111					
	· -	n= ==		16.0	a' gardena.	IA.	1							1011
			W.						ne y					
Buffer Sample P	oints	- Tar	gete	d Alien	Species 05/27/2011					796	5662	354	8	

	_	_						1								-						
							FOI	RM B-1:	BUFF	ER	SAI	IPL	E PI	LOT	S (F	ront)	Rev	iewed by	(initial)	:	_ (
Site I	D: _ P	CP	PF	3R	12	01									DATE	:06	120	I_{a}	0	/ .	3_	
Location	on:			36	BUL!				Fill	in b	ubb	le(s)	if p	lot(s	s) cor	ıld not be	sampled	and f	lag -	→		
OAAC	Center	0	N	0	S	O	= 0	W		lot		100.00	Plot			Plot 3		RESIL				
								s; E = Evergre		ype: E	B = Bro	adlea	f; N = I	Needle	Leaf. A	Absent No tree oderate(10-40	e canopy. %); 3 = Heavy	(40-75%)	; 4 = V	ery He	eavy (>75%)
Buffer	Canopy	у Тур	e: 🕝) () AI	bsen	t: @	Buffer	Canopy	у Тур	e: 🕞) () At	sent	: 🔴	Buffer	Canopy Ty	/pe: 🕞	0	Ab	sent:	
Plot 1	Lea	f Typ	e: 🕒) (Flag	Plot 2	Lea	f Typ	e: 🕝) ()		Flag	Plot 3	Leaf Ty	/pe: 🕒	0			Flag
Big Trees (>	0.3m DBH)	•	0	2	0	0		Big Trees (>	•0.3m DBH)	(1)	0	2	0	0		Big Trees	(>0.3m DBH)	0	0	0	0	
mall Trees (<	0.3m DBH)	0	0	0	0	0		Small Trees (<0.3m DBH)		0	2	0	0		Small Trees	(<0.3m DBH)		0	0	0	
Woody Shrubs (0.5m-	, Saplings 5m HIGH)	(1)	0	2	0	0		Woody Shrub (0.5m	s, Saplings i-5m HIGH)	0	0	2	0	0		Woody Shru (0.5	bs, Saplings m-5m HIGH)		2	0	0	
Voody Shrubs (<0.	, Saplings .5m HIGH)	0	0	2	0	0		Woody Shrub (<0	s, Saplings).5m HIGH)	0	0	2	0	0		Woody Shru	bs, Saplings :0.5m HIGH)		0	0	0	
Herbs, F	orbs and Grasses	0	0	0	0	6		Herbs, I	Forbs and Grasses	0	0	(2)	0	6		Herbs,	Forbs and Grasses	00	2	0	@	
Bare	ground	0	0	0	<u></u>	0		Bare	ground	@	0	2	0	0		Bar	e ground		0	0	0	
Litt	ter, duff	0	0	0	3	0		Lif	tter, duff	0	0	0	0	0		L	itter, duff		0	0	0	
,,	Rock	(0	0	<u>(1)</u>	0			Rock	0	0	0	0	0			Rock (- 1	0	<u> </u>	0	
	Water	(0	0	0	0			Water	0	0	0	0	0			Water	0	\rightarrow	0	0	
	ibmerged egetation	(4)	0	0	<u> </u>	0			ubmerged egetation	6	0	0	0	0			Submerged Vegetation	0	0	0	0	
		_	e/Ab	send	_	Confi	rm that		and the second second	ndica	tes pi	esen	ce an	d an i	unfilled	CHICAGO LONG CONTRACTOR CONTRACTO	ates absence	e by filli	ng thi	s bub	ble. (0
Resi	dential	and	Urba	an Si	res	sors			Hydrolo	gy S	tres	sors			A H		Agricultura	al & Ru	ıral S	tres	sors	
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	e If prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if present -	Plot	1	2	3	Flag
Road - gra	ivel			0	0	0		Ditches, C	hanneliza	ation		0	0	0	Sea-renners and emission	Pasture/Ha	ıy		0	0	0	
Road - two	lane			0	0	0		Dike/Dam/		Bed		0	0	0		Range	Supplied in		0	0	0	
Road - fou	ır lane			0	0	0		Water Lev		Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	ot/Pavem	nent		0	0	0		Excavation	n, Dredgir	ng		0	0	0		Fallow Fiel	d (RECENT-RE	STING	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil B			500-0	0	0	0		Fallow Fiel SHRUBS, TRE	d (OLD - GRASS ES)	3,	0	0	0	
Lawn/Park				•	0	0		Freshly De (UNVEGETAT		Sedin	ent	0	0	0		Nursery			0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/F	Root Expo	osure		0	0	0		Dairy			0	0	0	
Urban/Mul	itifamily			0	0	0		Wall/Ripra	р			0	0	0	_	Orchard			0	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A	nimal Feedir	ng	0	0	0	
Dumping	ALC: YE			0	0	0		Point Sour	OR STORM	VATER	()	0	0	0		Rural Resid	dential		0	0	0	
Trash				0	0	0		Impervious (SHEETFLOV		ınpuı		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 D	evel	opm	ent S	tres	SOF	S					ı	labit	tat/V	egeta	tion Stress	sors		- 9			
ill bubble	if prese	ent - l	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				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	lse		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	tion		198	0	0	0		Trails			0	0	0	
Mine (unde	erground	1)		0	0	0		Tree Canop	y Herbivo	ory		0	0	0		Soil Compa (ANIMAL OR H			0	0	0	
Military				0	0	0		Shrub Laye		d		0	0	0			nicle damage		0	0	0	
Other:		L VEI		0	0	0		Highly Graz	ed Grass	ses		0	0	0		Soil erosion	(FROM WIND,	WATER,	0	0	0	
Other:				0	0	0		Recently Bu		est		0	0	0	***	Other:			0	0	0	
Other:				0	0	0		Canopy Recently Bu (BLACKENED)	ırned Gra	asslar	nd	0	0	0		Other:			0	0	0	
	ag codes:	K=1	No me			made		uspect meas				= mis	c. flag	s ass	igned b	y each field c	rew.	242	8168		10	T
	uffer Sar				1 1120			lags in comm										242	от 06	304		

	a fille	ed da	ta bı	ıbble i	ndicates presence and an unf	illed I	oubbi	e ind	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	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		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				541	Tille	370	
O AA CENTER		O S:		O E3	O W3 O Nearest pra					and comment below)	6			
Flag Comments					Use Decimal Deg									
riag Comments														
					13						-100	000000	-375.5	
	-										_			145.00
				-										
														ам
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											10			- hi
	7										n			

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

																N (mm)						
				18	30	4	FO	RM B-1:	BUFF	ER	SAI	IPL	ΕP	LOT	S (F	ront)	R	eviewed	oy (initia	1):	(
Site	ID: P	CA	PB	RF	20)									DATE	:. <u>0</u> .6.	120	1 2	20	1 =	2	
Locati									Fill	in b	ubb	le(s) if p			ıld not be						
OAA	Center	C	N	•	S	01	E 0	W	OF	Plot	1	0	Plot	2	O F	Plot 3						
70 to b. A.L.	11 41	4	-1 0-		-	D - F	S = -1-4		Buffer							Nh Nh - 4						
																Absent: No tree oderate(10-40°		y (40-75	%); 4 = '	Very H	eavy (>75%)
Buffer	Canop	у Тур	e: (0) AI	bsen	t: ()	Buffer	Canop	у Тур	e: G	(E) AI	bsent	: 0	Buffer	Canopy	Туре: () At	sent	: 0
Plot 1	Lea	f Typ	e: (0			Flag	Plot 2	Lea	f Typ	e: 🌀) (Flag	Plot 3	Leaf '	Туре: (Flag
Big Trees (>	>0.3m DBH)	0	0	2		0		Big Trees (0.3m DBH)	0	0	0	(0		Big Trees	(>0.3m DBH)	00) (2	0	0	
mall Trees (<0.3m DBH)	0	0	0	0	0		Small Trees (<0.3m DBH	0	0	2		0		Small Trees	(<0.3m DBH)	0 0	0		0	
Voody Shrub: (0.5m	s, Saplings -5m HIGH)	0	0	1	0	0		Woody Shrub (0.5n	s, Saplings 1-5m HIGH)	0	0	@	3	0			ubs, Saplings im-5m HIGH)	00		0	0	
Voody Shrub: (<0	s, Saplings .5m HIGH)	0	0	0	0	0		Woody Shrub (<(s, Saplings).5m HIGH)		•	2	0	0			lbs, Saplings <0.5m HIGH)	0 6	0	0	0	
Herbs, F	orbs and Grasses	0	0	1	0	0		Herbs,	Forbs and Grasses		0		0	0		Herbs,	Forbs and Grasses	0 6	0	0	0	
Bare	ground	0	0	0	0	0		Bare	ground	0	0	2	0	0		Bar	e ground	0	0	0	0	
Lit	ter, duff	0	0	0	0	0		Li	tter, duff	0	0	2	0	0		L	itter, duff.	0 0	0	0	0	
	Rock	0	9	0	0	0			Rock	0	0	2	0	0			Rock	① @) (2)	0	0	
	Water	1	0	2	0	0			Water	0	0	3	0	0			Water		0	0	0	
	ubmerged egetation	0	0	0	0	0			ubmerged egetation	(0	2	0	0			Submerged Vegetation) (2)	0	0	
Stress	or Pres	senc	e/Ab	send	e - (Confi	rm that	a filled data	bubble i	ndica	tes pi	esen	ce an	d an i	unfilled	bubble indic	cates abser	nce by	illing th	is but	ble.	0
Resi	dential	and	Urba	an S	tress	sors			Hydrolo	gy S	tres	sors					Agricultu	ral & F	tural S	Stres	sors	
ili bubbi	e if prese	ent -	Plot	1	2	3	Flag	Fill bubble	e if prese	ent - l	Plot	1	2	3	Flag	Fill bubble	e if presen	t - Plot	1	2	3	Flag
Road - gra	avel			0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	зу		0	0	0	
Road - tw	o lane			0	0	0	3	Dike/Dam/		R Bed		0	0	0		Range			0	0	0	
Road - foo	ur lane		The second	0	0	0		Water Lev	el Contro	l Stru	cture	0	0	0		Row Crops			0	0	0	
Parking Lo	ot/Pavem	nent		0	0	0		Excavation	n, Dredgii	ng		0	0	0		Fallow Fiel	D)		0	0	0	
Golf Cour	se			0	0	0		Fill/Spoil E		<u> </u>	W.Yes	0	0	0		Fallow Fiel SHRUBS, TRE		SS,	0	0	0	
Lawn/Parl	k			0	0	0		Freshly De		Seain	nent	0	0	0		Nursery			0	0	0	
Suburban	Residen	tial		0	0	0		Soil Loss/I	Root Exp	osure		0	0	0	_ \	Dairy		100	0	0	0	
Urban/Mu	Itifamily			0	0	0		Wall/Ripra	p			0	0	0		Orchard			0	0	0	
Landfill				0	0	0		Inlets, Out Point Sour				0	0	0	\ I I	Confined A		ling	0	0	0	
Dumping	22 - W 41.			0	0	0		(EFFLUENT (OR STORM	WATER	R)	0	9	0	34	Rural Resid	dential		0	0	0	
Trash				0	0	0		(SHEETFLOV		при		0	0	0		Gravel Pit			0	0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation			0	0	0	
Other:				10	0	0		Other:				0	0	0		Other:			10	0	0	
Indu	strial D	evel	opm	ent S	Stres	sor	8						Habi	tat/V	egeta	tion Stress	sors	-89				
III bubble	e if prese	ent -	Plot	1	2	3	Flag	Fill bubble	if prese	nt - I	Plot	1	2	3	Flag	Fill bubb	le if prese	nt - Pic	t 1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	Jse		0	0	0	
Gas Wells	3			0	0	0		Forest Sele	ctive Cut) Versione		0	0	0		Mowing/Sha	rub Cutting		9	0	0	2
Mine (surf	ace)			0	0	0		Tree Planta				0	0	0		Trails			0	0	0	
Mine (und	erground	i)		0	0	0		Tree Canor (INSECT)	y Herbiv	ory		0	0	0		Soil Compa (ANIMAL OR H			0	0	0	
Military				0	0	0		Shrub Laye		d		0	(1)	0		Offroad veh	nicle damag	ge	0	0	0	
Other:				0	0	0		Highly Graz (OVERALL <3**	ed Grass	ses	400	0	0	0		Soil erosion OR OVERUSE		O, WATER	0	0	(3)	4,5
Other:			Tal	0	0	0		Recently Bu		rest		0	0	0		Other:	100.0		0	0	0	1
Other:	SE 18 - 28		78	0	0	0		Recently Bi (BLACKENED)	ımed Gra	asslaı	nd	0	0	0		Other:			0	0	0	
	ag codes:	: K = I	No me			made		uspect meas				= mis	c. flag	s assi	igned b	y each field c	rew.	2.4	2816			
В	uffer Sar	nple	Plots	05	/27/2		lain ail f	lags in comm	ent section	on on	the ba	ick of	this fo	orm				24	~ 0 T Q	0304		

• FO	RM	B-1	l: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEC	ALI	EN SPECIES (Back) Reviewed by	/ (initial):		
Site ID:	PC	AP	BR	1120)\	DAT	E: _(3,6	212	2012012				
@ Confirm	a fille	ed da	ta bı	ıbble iı	ndicates presence and an un	filled	bubb	le ind	dicates	absence by filling in this bubl	ble		12	
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	TE	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	1
Garlic Mustard	0	9	0		Giant Reed	0	0	0		Himalayan 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	
	1					Sec.				Other:	0	0	0	
					PLOT COOR	DINA	TES	3						
	es (c	hoo:	Plot 3 se o	ne):	O W3 O Nearest pra	actica	ble lo	e Buff ocatio	on (flag	g and comment below)			Fla	
					Use Decimal Deg	rees	NAL	763						
Flag Comments								SW				H		
1 010+11 (2 11	<	0	n	a slope /2	0 -	30	0)					- 1	
2 plo+1 fa	11		DY		margin of a		oa	1	17	2 lane, pavec	1			
3 0 0 + 2	_	ء اام		10	. 0	on	<u> </u>		ive	1 = 1	ad			
4 010-#2		\overline{C}	115	1	5 m from c		er	7	au	11	to	4	1.1	_
5 plat #3	F	all	<u> </u>	6n	a steep / =	45	-61	`` /-	14.00	10103 110	-	P	0	
J 101 3		DOLL	7	<u>or</u>	a step				10pe					
						F								-
			-											
								-	10.11					
								615						
				-				1						
									11					
		20-0				E-3.01	318							
Buffer Sample P	oints	s - Tar	gete	d Alien	Species 05/27/2011					796	5662	354	8	•

•			Wit	8	83		FOI	RM B-1:	BUFF	ER	SAN	NPL	E P	LOT	rs (F	ront)	Re	eviewed b	y (initial):	_	•
Site I	D: P	CA	PB	RI	20										DATE	: 06	120	1 0	7.0.	1 6	3	
Location		H)	The second		1 = 1		1,5	200	Fill	in b	ubb	le(s)	if p	lot(s		ıld not be						
OAAC	enter	С	N	0	S	0	≡ 0	W	OP	lot 1	1	0	Plot	2	OF	Plot 3	el acord					
								s; E = Evergre		уре: В	B = Bro	oadlea	f; N = I	Needle	e Leaf. A	Absent: No tree oderate(10-40		y (40-75%	(a); 4 = \	/ery H	eavy (>75%)
Buffer	Canop	у Тур	e: @	([) A	bsen	t: ()	Buffer	Canopy	у Тур	e: () () At	sent	:: (Buffer	Canopy 1	Гуре: () (E) At	sent	: ()
Plot 1			e: (0			Flag	Plot 2		f Typ) (1	Flag	Plot 3		Гуре: ($\stackrel{\smile}{\sim}$	\rightarrow		Flag
Big Trees (>	0.3m DBH)	0	0	2	0	0		Big Trees (•0.3m DBH)	0	0	•	0	0		Big Trees	(>0.3m DBH)	0 0	0	0	0	
imall Trees (<	0.3m DBH	1	0	2	0	0		Small Trees (<0.3m DBH)	•	0	2	0	0		Small Trees	(<0.3m DBH)		0	①	0	
Woody Shrubs	, Saplings 5m HIGH)	0	0	2	3	0		Woody Shrub	s, Saplings -5m HIGH)	0	0	②	0	0			ibs, Saplings im-5m HIGH)		2	0	0	
Noody Shrubs		0	0	2	0	0		Woody Shrub		1	0	3	0	0		Woody Shru			0	0	0	
	orbs and Grasses	0	0	2	0	0			Forbs and Grasses	0	0	0		0			Factor and	0 0	0	0	0	
Bare	ground	0	•	2	0	0		Bare	ground		0	②	0	0		Bar	-		0	0	0	
Litt	ter, duff	•	0	2	<u> </u>	0		Li	tter, duff	(1)	0	0	0	0	,	L	itter, duff (9 (0	0	0	
-	Rock	6	0	②	0	0			Rock	(0	①	0	0			Rock (2	0	0	
	Water	0	0	0	0	Ō			Water	®	0	0	0	0		-	Water	0 C	0	0	0	_
	bmerged egetation	0	0	2	0	0			ubmerged egetation	0	0	2	0	0			Submerged Vegetation		2	<u>(1)</u>	0	
		1	e/Ab	senc	:e -	Confi	rm that				tes pr	esen	ce an	d an	unfilled	bubble indi		ice by fi	lling th	is but	ble.	0
Resi	dential	and	Urba	ın Si	tres	sors			Hydrolo	gy S	tres	sors				TO COMPA	Agricultu	ral & R	ural S	tres	sors	
Fill bubble	If prese	ent - l	Plot	1	2	3	Flag	Fill bubble	e if prese	nt - F	Plot	1	2	3	Flag	Fill bubble	e if present	- Plot	1	2	3	Flag
Road - gra	vei	d H	1120	0	0	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ıy	graphs	0	0	0	
Road - two	lane			0	0	0		Dike/Dam/		Bed	24	0	0	0		Range		- AIRTY	0	0	0	
Road - fou	ır lane			0	0	0	!	Water Lev		Stru	cture	0	0	0		Row Crops		- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	0	0	0	
Parking Lo	t/Paven	nent		0	0	0		Excavation	, Dredgir	ng		0	0	0		ROW CROP FIEL			0	0	0	
Golf Cours	e			0	0	0		Fill/Spoil B				0	0	0		Fallow Fiel SHRUBS, TRE	d (OLD - GRAS ES)	SS,	0	0	0	
Lawn/Park			11th	0	•	0		Freshly De (UNVEGETAT		Sedim	nent	0	0	0		Nursery			0	0	0	
Suburban		tial		0	0	0		Soil Loss/I		osure		0	0	0		Dairy			0	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard			0	0	0	
Landfill				0	0	0		Inlets, Out Point Sour				0	0	0			nimal Feed	ling	0	0	0	
Dumping				0	0	0		(EFFLUENT O	OR STORMV			0	0	0		Rural Resi	dential		0	0	0	
Trash				0	0	0		(SHEETFLOV		ii ipat		9	0	0		Gravel Pit			0	0	0	
Other:	on and a second			0	0	0		Other:	-		=	0	0	0		Irrigation			0	0	0	
Other:				0	0	0		Other:				0	0	0	21 1.50	Other:			0	0	0	
Indus	strial D	evel	opmo	ent S	Stres	sor	S						labit	tat/V	egeta	tion Stress	sors					
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le if preser	nt - Plot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut			0	0	0		Herbicide U	lse		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	and the same of th			0	0	0		Trails			0	0	0	
Mine (unde	erground	l)		0	0	0		Tree Canop (INSECT)	y Herbivo	ory		0	0	0		Soil Compa (ANIMAL OR H			0	0	0	
Military				0	0	0		Shrub Laye		d		0	0	0		Offroad veh	icle damag	е	0	0	0	
Other:				0	0	0		Highly Graz (OVERALL <3**		es		0	0	0		Soil erosion OR OVERUSE		, WATER	0	0	0	
Other:		200		0	0	0		Recently Bu		est		0	0	0		Other:			0	0	0	
Other:				0	0	0		Recently Bu	ırned Gra	sslar	nd	0	0	0		Other:	***************************************		0	0	0	
Fla	ag codes:	K = 1	No me	asure	ment	made	a, U = S	uspect meas				= mis			igned b	y each field c	rew.	242	816			
В	uffer Sar	nple	Plots	05	/27/:		iain all f	lags in comm	ent sectio	n on	the ba	ick of	this fo	orm				236			4	

@ Confirm	a fille	d da	ta bu	bble in	dicates presence and an unfi	lled b	ubbl	e ind	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	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	W.
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	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	
				M. A.		UAT .	FA.			Other:	0	0	0	
	Sel Co	25000			10.07340.00									
cation of the plot coordinate Buffer Plot 3 can not be ac Plots are centered on the Bu ag box, and describe where	cesses ffer Ti the c cente	filling ed, ta ranse oordi er of F	ke the ects a nates Plot 3	e appro e coordi nd the o s were to as poss	priate bubble. inates at the nearest practicabl coordinates will indicate the loc aken and why in the comment sible or at the center of the last	Buffe e loca ation sectio acce	er Tra tion / of the n bek ssible	ALON transow. T	IG THE sect. Fi he coo er Plot.	or the Buffer Plot at the AA CEN TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practical	becau	se al	l Buff le, fil	er I in the
ocation of the plot coordinate f Buffer Plot 3 can not be ac Plots are centered on the Bu lag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N	cesses by cesses fer Ti the cente cente ces (c	filling ed, tal ranse oordi er of F hoos	ke the cts a nates Plot 3	e appro e coordi nd the c s were to as poss ne):	Plot (#3) at the far end of each opriate bubble. inates at the nearest practicabl coordinates will indicate the loc aken and why in the comment sible or at the center of the last	Buffer local action access ctical	er Tra	ALON: transow. To Bufff	IG THE sect. Fi he coo er Plot. on (flag	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practical	becau ation" lie loc	se al bubb ation	l Buff le, fill can l	er I in the
ocation of the plot coordinate f Buffer Plot 3 can not be ac Plots are centered on the Bu lag box, and describe where either placed as close to the Location of coordinate O AA CENTER O N Latitude	cesses by cesses fer To the content center (cesses (ce	filling ed, tal ranse oordi er of F hoos	ke the cts a nates Plot 3	e appro e coordi nd the c s were to as poss ne):	Plot (#3) at the far end of each opriate bubble. inates at the nearest practicable coordinates will indicate the locaken and why in the comment sible or at the center of the last O W3 O Nearest pra	Buffer local action access ctical	er Tra	ALON: transow. To Bufff	IG THE sect. Fi he coo er Plot. on (flag	TRANSECT. This is important ill in the "nearest practicable loc rdinates of the nearest practicat and and comment below)	becau ation" lie loc	se al bubb ation	l Buff le, fill can l	er I in the
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FORM B-1: BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back)

			Į da		e de la	03	FO	RM B-1:	BUFF	ER	SAI	MPL	ΕP	LOT	S (F	ront)	4.01	Reviewe	d by (in	tial):			
Site I	D: _{	CF	P	BR	12	101																,	
Location			n less		101		, id.		Fill	in b	ubb	le(s) if p	lot(s	s) cou	ild not be	sample	ed an	d fla	g —	+		
OAAC	enter	C	N	0	S	01	E 0	w	- and	lot			Plot			Plot 3							- 1
									Buffer														
Fill in bubble Strata Sectio	s for all thon: Fill in	hat apı approp	ply: Ca priate d	nopy cover	Type:	D = D	Deciduou e for eac	s; E = Evergre h strata type fo	en. Leaf T or each plo	ype: E t. 0 =	Abser	padlea it; 1 =	f; N = Sparse	Needle e(<10%	e Leaf. <i>A</i> %); 2=Mo	Absent: No tre oderate(10-40	e canopy. %); 3 = Hea	ıvy (40-7	75%); 4	= Ve	гу Не	eavy (>	75%)
Buffer	Canop	у Тур	e: () @) A	bsen	t: ()	Buffer	Canop	у Тур	e: (1) AI	sent	: ()	Buffer	Canopy	Type:	(3)	(1)	Ab	sent:	
Plot 1		f Typ	_		0		Flag	Plot 2	Lea	f Typ	e: (Flag	Plot 3	Leaf	Type:	(4)	$\overline{\odot}$	ηΔ		Flag
Big Trees (>	0.3m DBH)	0	(3)	(1)	0	0		Big Trees (>	•0.3m DBH)	0	1	0	3	0		Big Trees	(>0.3m DBH)	0	0) (3	0	
mall 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) (9	0	
Woody Shrubs	, Saplings 5m HIGH)		0		0	0		Woody Shrub	s, Saplings 1-5m HIGH)		0	0	0	0			ubs, Saplings im-5m HIGH)		0 () (<u>ا</u>	0	
Voody Shrubs		0	0	9	0	0		Woody Shrub		0	0	(a)	3	0		Woody Shru	ibs, Saplings <0.5m HIGH)	-	_		3	Ō	
Herbs, F	orbs and Grasses		0	②	0	0			Forbs and Grasses	0	0	②	3	(3)			Forbs and Grasses	0		_	3	0	
	ground	0	0	(2)	0	0		Bare	ground	0	•	②	3	0		Bar	e ground	1 = 1	0	9 (3	0	
Litt	er, duff	0	0	0	0	0		Lit	tter, duff	0	0	(4)	3	0		L	itter, duff	+		_	9	0	
	Rock	0	0	(2)	0	0			Rock	0	0	2	0	0			Rock	0			3	0	
	Water	0	Ō	<u>3</u>	0	Ō			Water	1	0	3	3	0		100	Water	1 -		_	<u> </u>	O	
	bmerged	(1)	0	(2)	0	0			ubmerged egetation	0	0	(2)	(2)	$\overline{\odot}$			Submerged Vegetation	A		_	<u>3</u>	$\overline{\odot}$	
		_		send		_	rm that	a filled data	Married States	_	tes p	resen	ce an	d an	ı unfilled				/ filling	this	bub	ble. (O
Resi	dential	and	Urba	an S	tres	sors	11-144		Hydrolo	av S	tres	sors					Agricult	ural &	Rura	l St	ress	sors	
ill bubble				1	2	3	Flag	Fill bubble		-		1	2	3	Flag	Fill bubble					2	-	Flag
Road - gra				0	0	0		Ditches, C				0	0	0		Pasture/Ha	av		(0	0	0	
Road - two			33	9	0	0	(Dike/Dam/	Road/RR			0	0	0		Range					o	0	
Road - fou	r lane			0	0	O		Water Lev		l Stru	cture	-	0	O	- 1	Row Crops	Barra.			_	o	0	
Parking Lo	t/Paven	nent	3	O	O	Ō		Excavation	n, Dredgir	ng		0	0	0	- 7	Fallow Fiel		RESTING		_	0	0	
Golf Cours	e	TSVE		0	0	0	1	Fill/Spoil B	anks			0	0	0		Fallow Fiel	d (OLD - GR	ASS,	(5	0	0	
Lawn/Park	220			0	0	0		Freshly De		Sedin	ent	0	0	0	4	Nursery			()	0	0	X. 1
Suburban	Residen	itial		0	0	0		Soil Loss/F		osure		0	0	0	3	Dairy)	0	0	
Urban/Mul	tifamily			0	0	0		Wall/Ripra	р			0	0	0		Orchard			()	0	0	
Landfill				0	0	0		Inlets, Out				0	0	0		Confined A	nimal Fee	eding)	0	0	
Dumping				0	0	0		Point Sour (EFFLUENT C	OR STORM			0	0	0		Rural Resi	dential		()	0	0	
Trash			84	0	0	0		Impervious (SHEETFLOW		input		9	0	0	i	Gravel Pit			(0	0	
Other:				0	0	0		Other:				0	0	0		Irrigation			()	0	0	
Other:				0	0	0		Other:				0	0	0		Other:			()	0	0	
Indus	strial D	evel	opmo	ent S	Stres	ssor	S						Habit	tat/V	egeta	tion Stress	sors						
ill bubble	if pres	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le if pres	ent - Pl	lot	1	2	3	Flag
Oil Drilling				0	0	0		Forest Clea	r Cut		<u> </u>	0	0	0		Herbicide U	lse		(0	0	
Gas Wells				0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	g	(9	0	0	1
Mine (surfa	ace)			0	0	0		Tree Planta	tion		ů.	0	0	0		Trails					Ø	0	2
Mine (unde	erground	1)	EX.	0	0	0		Tree Canop		огу	H.E.	0	0	0		Soil Compa					@	0	2
Military				0	0	0	· · ·	(INSECT) Shrub Laye		d		0	6	9		(ANIMAL OR H		ne		_	0	0	
			-					(WILD OR DON Highly Graz	ed Grass	ses						Soil erosion		-	ED	_	5	0	3
Other:				0	0	0		(OVERALL <3" Recently Bu		rest		0	0	0		OR OVERUSE)		_		_		
Other:			- 188	0	0	0		Canopy Recently Bu			nd	0	0	0		Other:		-	=		의	0	
Other:			1988	O	O	0	- 11. 0	(BLACKENED)				0	0	0		Other:				ונ	O	0	
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© Confirm	a fille	d da	ta bu	bble ir	ndicates presence and an unfi	illed b	oubbl	e ind	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	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		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	
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