

CLEVELAND METROPARKS Plant Community Assessment Program: Quality Control Form



Project Label:

PCAP

Plot No: 1355

Date Sampled: 07/17/13

Lead: SJC

Comment required if item answer is NO

Parking/Access outside of Park Boundaries:	Y <input checked="" type="radio"/> N <input type="radio"/>	If yes, write details in Comments section below
Field journals completed	Y <input checked="" type="radio"/> N <input type="radio"/>	
Site sketch made on 1:3000 map?	Y <input checked="" type="radio"/> N <input type="radio"/>	
Check cover page	X-axis Bearing of plot recorded	Y <input checked="" type="radio"/> N <input type="radio"/>
	GPS coords. Recorded	Y <input checked="" type="radio"/> N <input type="radio"/>
	North direction recorded	Y <input checked="" type="radio"/> N <input type="radio"/>
	Photographs taken?	Y <input checked="" type="radio"/> N <input type="radio"/>
Plot No., Date agreement on all pages?	Y <input checked="" type="radio"/> N <input type="radio"/>	
Header data completed all pages?	Y <input checked="" type="radio"/> N <input type="radio"/>	
Cover classes recorded in all Intensive modules	Y <input checked="" type="radio"/> N <input type="radio"/>	
Browse Level By Species	Y <input checked="" type="radio"/> N <input type="radio"/>	
Woody stem quality control check	Y <input checked="" type="radio"/> N <input type="radio"/>	
Invasive plant quality control check	Y <input checked="" type="radio"/> N <input type="radio"/>	
Ash trees mapped	Y <input checked="" type="radio"/> N <input type="radio"/>	
Cover by Strata? (confirm cover type)	Y <input checked="" type="radio"/> N <input type="radio"/>	
Soil samples collected with matching plot #.	Y <input checked="" type="radio"/> N <input type="radio"/>	
Vouchers labeled on datasheet with initials and number	Y <input checked="" type="radio"/> N <input type="radio"/>	
Vouchers labeled on collection bag	Y <input checked="" type="radio"/> N <input type="radio"/>	
Pink flags removed	Y <input checked="" type="radio"/> N <input type="radio"/>	
Data sheet QA before leaving site?	Y <input checked="" type="radio"/> N <input type="radio"/>	
Common equipment returned to tub.	Y <input checked="" type="radio"/> N <input type="radio"/>	
Data sheets scanned?	7/19/13	Enter date to left <i>cmd</i>
Final data sheets scanned?		Enter date to left
Buffer Widths measured?	Y <input checked="" type="radio"/> N <input type="radio"/>	BB 6-28-13
Web Soil Survey	Y <input checked="" type="radio"/> N <input type="radio"/>	cmd 7/19/13
Voucher Location	Refrigerator	Y <input checked="" type="radio"/> N <input type="radio"/>
(# vouchers collected)	Press (#)	Enter number to left
SGC-093 107	Drier	Y <input checked="" type="radio"/> N <input type="radio"/>
	Identified	Y <input checked="" type="radio"/> N <input type="radio"/>
	Mounted	Y <input checked="" type="radio"/> N <input type="radio"/>
	Thrown away	Y <input checked="" type="radio"/> N <input type="radio"/>

GRTS point verification: Is plot sampleable?

<input checked="" type="checkbox"/> Yes	Original GRTS point is sampleable
<input type="checkbox"/> No	Original GRTS point lands in a non-sampleable area (fill in category below)
	<input type="checkbox"/> Point falls in a water (i.e. river, lake)
	<input type="checkbox"/> Managed mowed area (i.e. golf course, picnic area, right-of-way)
	<input type="checkbox"/> Paved area (i.e. parkinglot, road)
	<input type="checkbox"/> Unsafe to sample (i.e. steep slope)
	<input type="checkbox"/> Other

Additional Comments:



CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION

Project Label: PCAP

Project Name: 01 MS 2013

Plot Name: Timmice Smackdown

Plot No: 1355

Level 4 (no nested corners sampled)
 Level 5 (nested corners sampled)

Date (mm/dd/yy): 07/16/2013
End date (if > 1 day): 07/17/2013

Party: S. Catella Role**: Plot leader
R. Eagle ASSIST
C. Lemmo WOODY
R. Chesa WOODY

Reason: If data not public why?

Source of coordinates: MAP GPS

Coordinate system: Lat/Long UTM StatePlane
 Other (specify) m ft in

Datum: NAD83/WGS84 NAD27

GPS location in plot x=0 to 5, y=-1.0,+1:
x = 0, y = 0 (base of plot x=0, y=0)

Latitude: N 41° 33' 28.92"
Longitude: W 081° 82' 12.67"

Effort Level: subjective evaluation of how much effort put into sampling. Hurried plots may still provide good data

SAMPLING QUALITY*

PLOT NOT SAMPLED:
 Other
 Perm. water
 Paved
 Slope
 Safety

TAXONOMIC ACCURACY

Depth: (1-5): 4

Intensive modules: 2,3,8,9,1,2,3,4 (EDIT IF MODIFIED)

Camera No: CS

Photo Nos.: 2501

Plot Placement: GRTS Representative

Random Stratified Random Transect component
 Systematic (grid) Capture specific feature Other

TAXONOMIC STANDARD

Authority: G&C Pub Date: 1998

Minimum required fields in Bold and Underlined

*Definitions and values in CIV PCAP FOM v. 1.0 and CIVS Field Guide
mostly mackii, rosa, frax, and a mix of Polygonum, Geum, and Eryngium villosa.

OVER

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

Project Label: PCAP

Project Name: OMMSA013

Plot No.: 1355

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Page 2 of 2

MODIFIED NATURESERVE CLASS*		Project Name: <u>OMMSA013</u>		Plot No.: <u>1355</u>	Page 2 of 2				
CODE (on separate form): <u>L01</u> = L01		Fit: <u>—</u>	Conf: <u>—</u>	DISTURBANCES					
				type*	severity**	yrs ago	% of plot	description	
				Human	ML	0	100	<u>trash</u>	
				Natural					
				Fire					
				Cut					
				Animal	M	0	100	<u>deer-trail & browse</u>	
				Other					
				*L=low, ML=med low, M=med, MH=med high, H=high, VH=very high					
HOMOGENEITY		<input type="checkbox"/> Compositional trend across the plot				Current Land Use: <u>CNE</u>			
<input type="checkbox"/> Homogeneous		<input type="checkbox"/> Irregular/pattern mosaic				Former Land Use: <u>UKN</u>			
<input type="checkbox"/> Conspicuous inclusions									
		HYDROLOGIC REGIME*							
SALINITY*		<input type="checkbox"/> Upland (seldom flooded)				<input type="checkbox"/> Intermittently flooded			
		<input type="checkbox"/> Saltwater				<input type="checkbox"/> Semipermanently flooded			
		<input type="checkbox"/> Brackish				<input type="checkbox"/> Permanently flooded			
		<input checked="" type="checkbox"/> Fresh				<input type="checkbox"/> Tidal/Seiche flooded daily			
		<input type="checkbox"/> Upland (n/a)				<input type="checkbox"/> Tidal/Seiche flooded monthly			
						<input type="checkbox"/> Temporarily flooded			
						<input type="checkbox"/> (e.g. wind, storms)			
						<input type="checkbox"/> Unknown			
(by default unless plot is a wetland)									
Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)									
<p><i>There were little pockets of wet spots where deer trails merged with the floodplain. Vegetation was somewhat different within these. Browse wasn't bad considering what was available.</i></p>									

Left one pink flag in the Rose where we couldn't gain. The rest were pulled.

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a

Project Label: PCAP

Project name: DMS2013

Page 1 of 4

Total modules:

5

Intensive modules: 4

Plot configuration: 1x5

Plot area (ha): .05



Cleveland
Metroparks

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

%unveg. ground (bare soil)

%unveg. litter (bare litter)

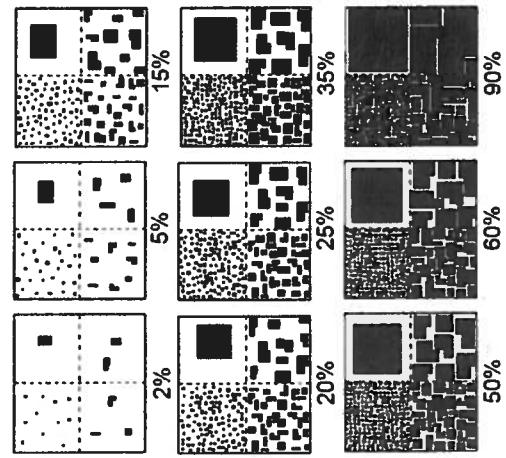
Strata - Cov. entire plot

T	S	H	(F)	(A)	Br	Species	c	Estimate for each intensive module:												
								mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod
depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth
2	1	4	1	2	2	Toxicodendron radicans	4	3	2	3	2	4	4	4	2	R	R			
6	6	9	1	0	0	Lonicera maackii	4	3	3	2	2	4	4	2						
2	2	2	1	4	4	Euonymous obvovatus	4	2	2	3	2	3	2							
7	1	Tilia americana	4	6	4		4	4	4	5	6	4	7	2						
6	1	Carya cordiformis	4	7	4		4	4	4	7	4	7	4	2	6					
3	3	Carya cordiformis	3	3	1		4	2	4	2	4	2	4	2	7	2				
4	2	Lindera benzoin	3	2	4		4	2	4	2	4	2	4	3	4					
2	2	Fraxinus sp. (seedling)	3	2	2		3	2	2	2	2	2	2	2	2	2	2	2	2	2
8	2	Quercus sp. (seedling)	3	2	2		3	2	4	4	9	4	3	8	2	4	9	4		
5	2	Rosa multiflora	3	7	4		4	2	4	2	4	3	3	4	1	2				
2	2	Carpinus caroliniana	2	6	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	Elymus villosa	CS-2502	2	2		3	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	Renanthus sp.	2	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2
6	6	Carex sp. ^{imp}	2	2	4		3	7	4	9	4	9	4	3	2	7	2			
2	2	Comptonia sp. (seedling)	-100	2	2		2	2	2	2	2	2	2	2	2	2	2	2	2	2
2	2	Agromyia sp. subsp. ^{subsp.}	X	SJC-092	2		1	2	4	3	2	3	2	4	3	2	3	2	3	2
1	1	Carya sp. (seedling)	2	1	1		1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	2	Oxalis stricta	2	1	1		1	2	2	1	2	1	2	1	2	1	2	1	2	1
2	2	Parthenocissus quinquefolia	2	2	3		2	2	4	3	2	2	3	2	2	2	2	2	2	2
2	2	Leersia virginica	2	2	1		2	2	4	3	2	2	3	2	2	2	2	2	2	2
2	2	Geum urbanum	2	2	4		2	2	4	4	1	2	2	2	2	2	2	2	2	2
6	2	Acer saccharum	2	2	4		2	2	3	4	2	3	2	3	2	2	2	2	2	2
2	2	Potentilla simplex	2	2	1		1	6	1	6	1	6	1	6	1	6	1	6	1	6
6	2	Asimina triloba	16	6	2		2	6	3	2	6	4	4	4	4	4	4	4	4	4

fuzzy
hus
med.
ur.
mod.
seedling
fuzz

EXAMPLES OF PERCENT OF AREA COVERED

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



BROWSE RATING NARRATIVE DESCRIPTION

LOW OR NONE: there is no measurable browse line

AND there are very few or no plants 1-m nested quadrat and intensive module. In general, low values relate to less than 10 percent, by numbers of stems browsed.

MEDIUM LOW values include evidence of browse at about 10 percent of the stems with no significant impact to plant reproduction evident. In this rating, plants are browsed but preferential species are observed to be reproducing in numbers that appear normal or near-normal in comparison to low browse areas. For example, trilliums may flower and fruit, but jewelweed and arrowwood viburnum exhibit browse.

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

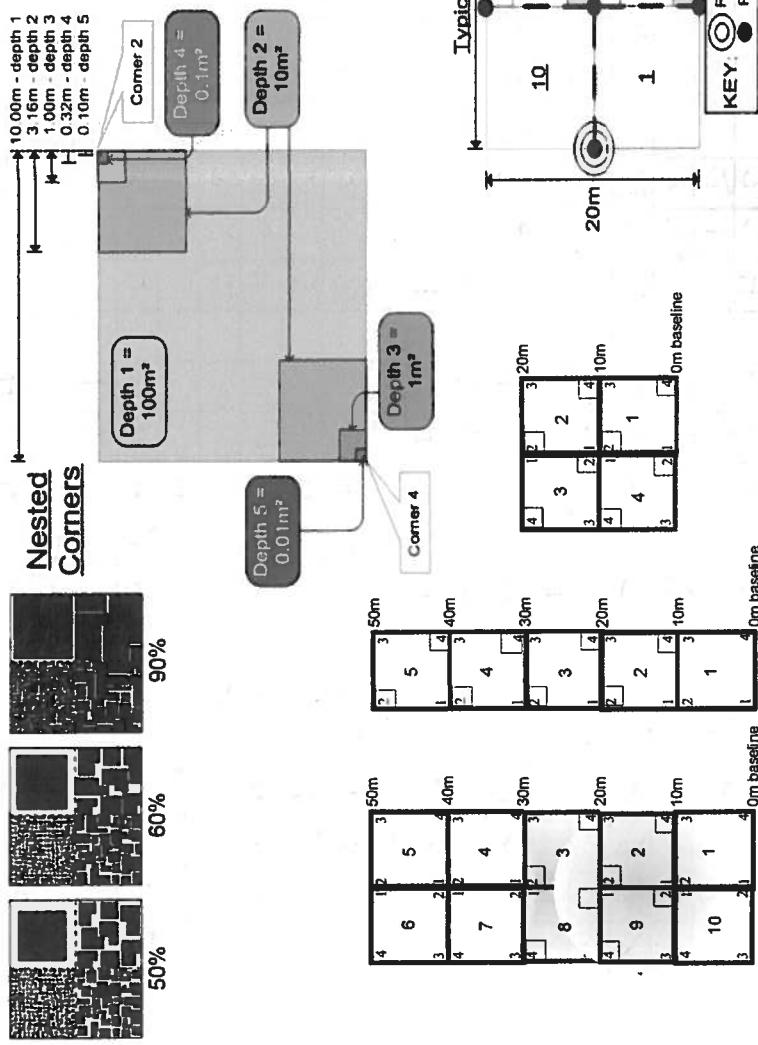
MEDIUM HIGH values include evidence of a browse line and 25 percent of stems browsed with very little vegetation regeneration evident. In this rating, for some species of plants, reproduction does not appear to occur or it is very severely limited.

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

VERY HIGH values include extensive browse conditions, where the browse line is very evident **AND** almost all seedlings and herbs are severely browsed or missing.

Browse line may be 5 to 6 feet in height with no or little green growth beneath.

cover class	% cover	midpoint
1	solitary or few	0.0001
2	0-1%	0.005
3	1-2%	0.015
4	2-5%	0.035
5	5-10%	0.075
6	10-25%	0.175
7	25-50%	0.375
8	50-75%	0.625
9	75-95%	0.850
10	95-100%	0.975



CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a

Project Label: PCAP

Project name: QMS2013

Plot no.: 1355 Page 2 of 4

Total modules: 5

Intensive modules: 4

Plot configuration: 1x5

Plot area (ha): 0.05

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

Estimate for each intensive module:	mod corner mod corner															
	depth	cov	depth	cov												
%unvegetated open water	1		1		1		1		1		1		1		1	
%unveg. litter (bare soil)	1		1		1		1		1		1		1		1	
%unveg. litter (bare litter)	1		1		1		1		1		1		1		1	

Strata - Cov. entire plot		Species		C		Voucher #		mod depth		cov depth		mod depth		cov depth		mod depth	
T	S	H	(F)	(A)	Br												
1	2	2	2	2	2	Juglans nigra		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Acer negundo		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Fraxinus sp.		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Ulmus Aster sp. #1		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	R. Viola sp.		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Allium canadense		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Z. Aster sp. #2		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Viburnum dentatum		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Pyrus sp.		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Impatiens sp.		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Gaultheria sp. trilobum		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Polygonum virginianum		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Mtg. sp.		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Eupatorium rugosum		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Ligustrum vulgare		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Corinus ssp. florid		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Glehnia hederacea		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Packera sp. (Senecio sp. in database #27)		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Circala luetetiana		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Verbena alternifolia		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Unk d: #1		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Prunus serotina		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Quercus rubra		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Acer sp. (seedling)		1	2	2	3	4	3	2	4	4	2
1	2	2	2	2	2	Q. clasp. stem		1	2	2	3	4	3	2	4	4	2

CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a

Project Label: PCAP

Project name: OLMS2013

Page 3 of 4

Total modules: 5

Intensive modules: 4

Plot configuration: 1x5

Plot area (ha): 0.005



**Cleveland
Metroparks**

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

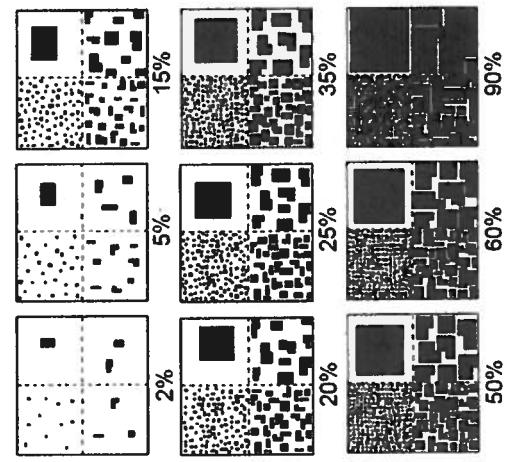
mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner
1	4	1	2	2	4	2	2	3	4	3	2	4	4	4	2	R	R		
depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov
1	-	-	-	1	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-
%unvegetated open water	1	-	-	1	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-
%unveg. ground (bare soil)	1	-	-	1	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-
%unveg. litter (bare litter)	1	-	-	1	-	-	1	-	1	-	-	1	-	-	-	-	-	-	-

Strata - Cov. entire plot

T	S	H (F)(A)	Br	Species	c	Voucher #	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth	cov	depth
5	2			<i>Crataegus</i> sp.	1	6	1	3	1	3	2	6	3	1	6				
5	-			<i>Carya laciniosa</i>	1	7	4	2											
2				<i>Platanus occidentalis</i>	1	5													
6	4			<i>Ulmus americana</i>			4	2											
	1			<i>Sedum</i> sp.	1	1													
	2			<i>Arisaema triphyllum</i>			2	2	2	2	2	2	2	2	2	2	2	2	
	2			<i>Rubus</i> sp. (Seedling)			4	2											
				<i>Carya</i> sp.			4	6											
				<i>Vitis</i> sp.			SR# 11-14-12	1	1	3	4	1	6	1	5				
				<i>Carex</i> sp. #2 (rose)			X	STC-095		3	3	1	42	1	2				
				<i>Ulm. mon</i> #2 (gr. 13)			X	STC-2508		3	2			2	1				
				<i>Fragninus</i> sp.															
				<i>Populus tremuloides</i> sp. #3 (10-11-13)															
				<i>Carex</i> sp. #3 (Ind repro)															
				<i>Fagus grandifolia</i>															
				<i>Fagus</i> sp.															
				<i>Ulmus</i> sp.															
				<i>Solidago</i> sp.															
				<i>Solidago flexicaulis</i>															
				<i>Ulm. mon</i> #1 (gr. 13)															
				<i>Ulm. mon</i> #2 (gr. 13)															
				<i>Sanguinaria canadensis</i>															
				<i>Lysimachia nummularia</i>															
				<i>Viburnum opulus</i> var. <i>opulus</i> (gr. 13)															
				<i>Parthenocissus</i> sp.															
				<i>Ulm. mon</i> #3 (gr. 13)															
				<i>Onoclea sensibilis</i>															
				<i>Sanicula</i> sp.															
				CS-2509															

EXAMPLES OF PERCENT OF AREA COVERED

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



BROWSE RATING NARRATIVE DESCRIPTION

LOW OR NONE: there is no measurable browse line AND there are very few or no plants 1-m nested quadrat and intensive module. In general, low values relate to less than 10 percent, by numbers of stems browsed.

MEDIUM LOW values include evidence of browse at about 10 percent of the stems with no significant impact to plant reproduction evident. In this rating, plants are browsed but preferential species are observed to be reproducing in numbers that appear normal or near-normal in comparison to low browse areas. For example, trilliums may flower and fruit, but jewelweed and arrowwood viburnum exhibit browse.

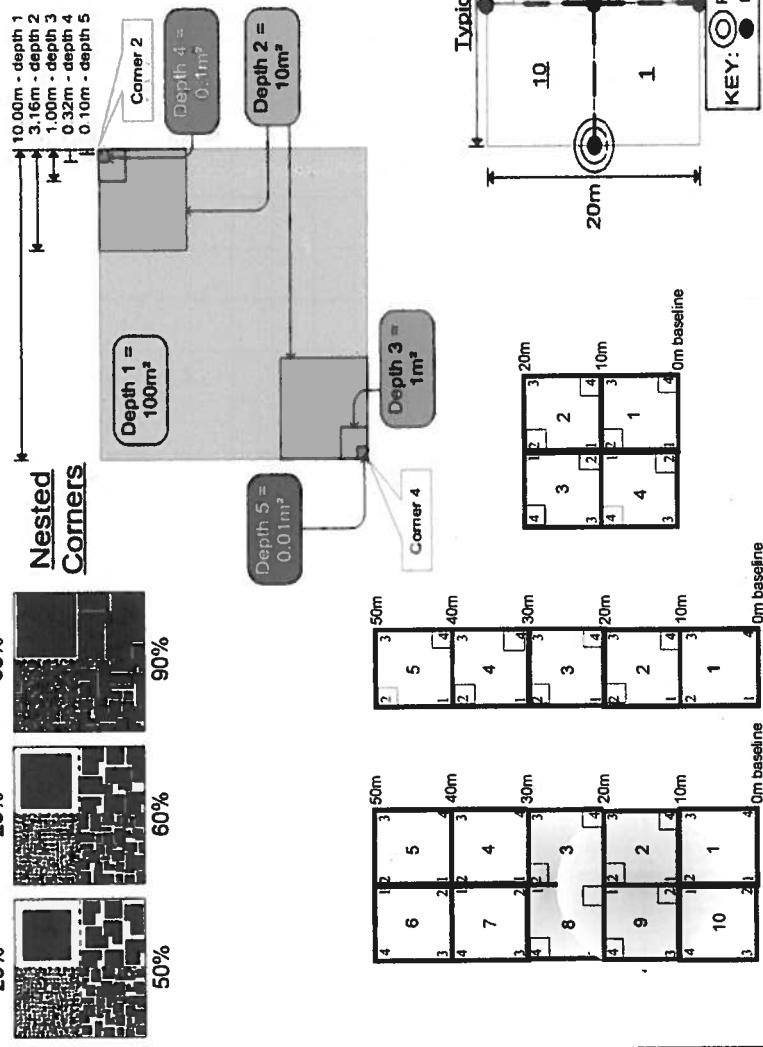
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HIGH: greater than 25 percent of the stems of plants in the 1 m² nested quadrat and intensive module AND a browse line is evident.

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

cover class	% cover	midpoint
1	solitary or few	0.0001
2	0-1%	0.005
3	1-2%	0.015
4	2-5%	0.035
5	5-10%	0.075
6	10-25%	0.175
7	25-50%	0.375
8	50-75%	0.625
9	75-95%	0.850
10	95-100%	0.975



CLEVELAND METROPARKS Plant Community Assessment Program Species Guide

Project Label:

PCAP

Project name: -

Page 4 of 4

Total modules: 5

111

Plot configuration:

Visual less 26 digital Water entire site:

Visual test %unveg.o.w. entire site:

Visual est. 9/1995 9:37:55 AM

1. lululata (la).



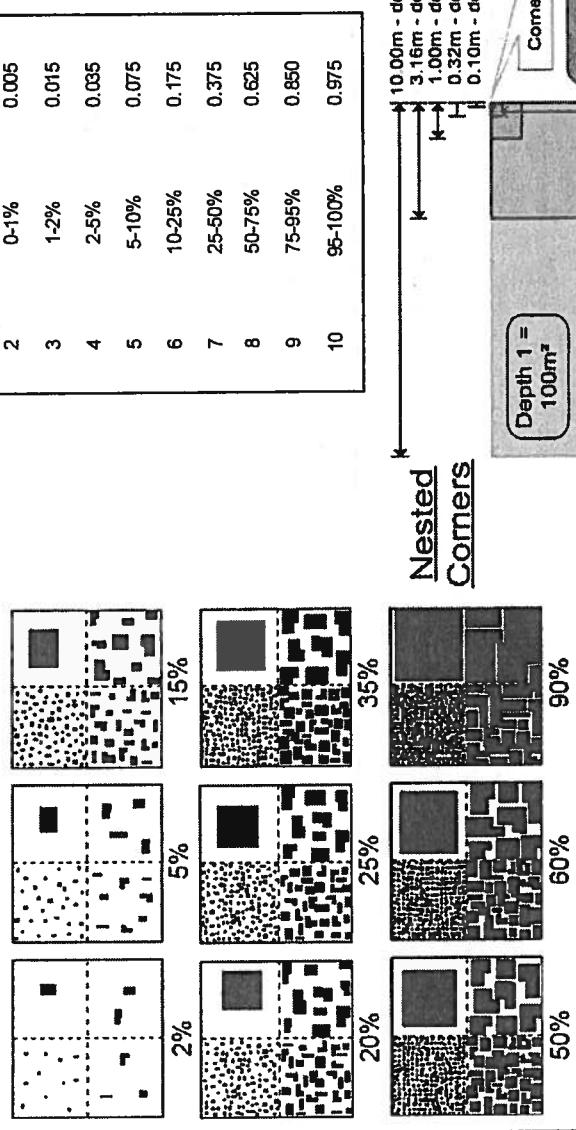
Cleveland
Metroparks

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

T S H (F)(A) Br		Species	Estimate for the each intensive module:																				
			mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	mod	corner	
2	2	<i>Cryptaria canadensis</i>	SCC-11-12-13												2	2	2	2	2	2	2	2	2
2	2	<i>Erythronium</i> sp. <i>virginicus</i>	SCC-098												2	2	2	2	2	2	2	2	2
2	2	<i>Gaultheria</i> sp. #2	SCC-099												2	2	2	2	2	2	2	2	2
2	2	<i>Carex</i> sp. #3	SCC-100												2	2	2	2	2	2	2	2	2
2	2	<i>Poa</i> sp. #1	SCC-101												2	2	2	2	2	2	2	2	2
2	2	<i>Linnaea</i> canadensis	SCC-102												2	2	2	2	2	2	2	2	2
2	2	<i>Ulmus</i> di. #2	SCC-103												2	2	2	2	2	2	2	2	2
2	2	<i>Officinalis</i>	SCC-104												2	2	2	2	2	2	2	2	2
2	2	<i>Lytta</i> sp. #3	SCC-2510												2	2	2	2	2	2	2	2	2
2	2	<i>Carex</i> sp. #4 (10 repro)	SCC-105												2	2	2	2	2	2	2	2	2
2	2	<i>Liriodendron tulipifera</i>	SCC-106												2	2	2	2	2	2	2	2	2
2	2	<i>Rubus allegheniensis</i>	SCC-107												2	2	2	2	2	2	2	2	2
2	2	<i>Llnk.</i> dicot #4	SCC-108												2	2	2	2	2	2	2	2	2
2	2	<i>Carex vulpinoidea</i>	SCC-109												2	2	2	2	2	2	2	2	2
2	2	<i>Solidago caesia</i>	SCC-110												2	2	2	2	2	2	2	2	2
2	2	<i>Quercus palustris</i>	SCC-111												2	2	2	2	2	2	2	2	2
2	2	<i>Sirpus</i> sp. <i>stratiformis</i>	SCC-112												2	2	2	2	2	2	2	2	2
2	2	<i>Ostrya virginiana</i>	SCC-113												2	2	2	2	2	2	2	2	2
2	2	<i>Glucina</i> sp. <i>spicata</i>	SCC-114												2	2	2	2	2	2	2	2	2
2	2	<i>Cadex</i> sp. <i>swartzii</i>	SCC-115												2	2	2	2	2	2	2	2	2
2	2	<i>Polygonatum</i> sp. <i>olatum</i>	SCC-116												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>oxyloba</i>	SCC-117												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-118												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-119												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-120												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-121												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-122												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-123												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-124												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-125												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-126												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-127												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-128												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-129												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-130												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-131												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-132												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-133												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-134												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-135												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-136												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-137												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-138												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-139												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-140												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-141												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-142												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-143												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-144												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-145												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-146												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-147												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-148												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-149												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-150												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-151												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-152												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-153												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-154												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-155												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-156												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-157												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-158												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-159												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-160												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-161												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-162												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-163												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-164												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-165												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-166												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-167												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-168												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-169												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-170												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-171												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-172												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>	SCC-173												2	2	2	2	2	2	2	2	2
2	2	<i>Fraxinus</i> sp. <i>pepsylvanica</i>																					

EXAMPLES OF PERCENT OF AREA COVERED

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



cover class	% cover	midpoint
1	solitary or few	0.0001
2	0-1%	0.005
3	1-2%	0.015
4	2-5%	0.035
5	5-10%	0.075
6	10-25%	0.175
7	25-50%	0.375
8	50-75%	0.625
9	75-95%	0.850
10	95-100%	0.975

BROWSE RATING NARRATIVE DESCRIPTION

LOW OR NONE: there is no measurable browse line AND there are very few or no plants 1-m nested quadrat and intensive module. In general, low values relate to less than 10 percent, by numbers of stems browsed.

MEDIUM LOW values include evidence of browse at about 10 percent of the stems with no significant impact to plant reproduction evident. In this rating, plants are browsed but preferential species are observed to be reproducing in numbers that appear normal or near-normal in comparison to low browse areas. For example, trilliums may flower and fruit, but jewelweed and arrowwood viburnum exhibit browse.

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

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

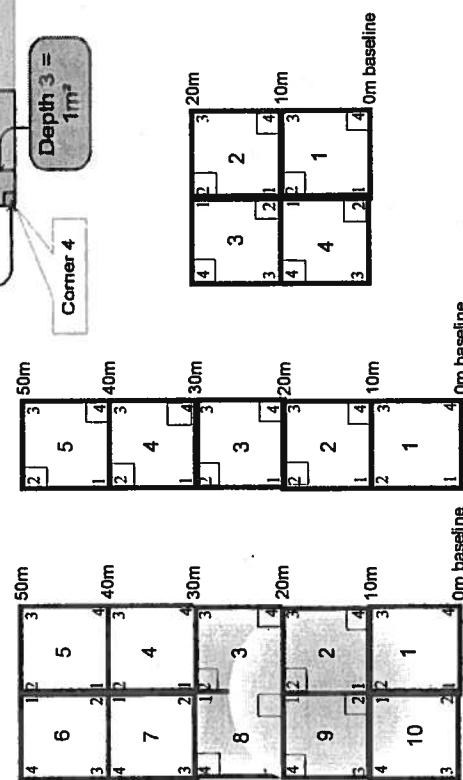
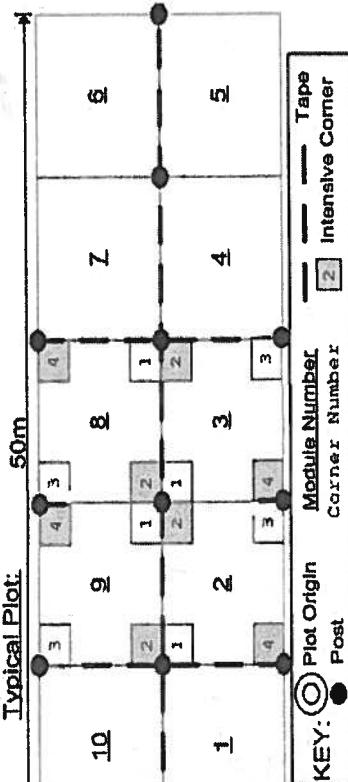
HIGH: greater than 25 percent of the stems of plants in the 1 m² nested quadrat and intensive module AND a browse line is evident.

VERY HIGH values include extensive browse conditions,

where the browse line is very evident AND almost all

seedlings and herbs are severely browsed or missing.

Browse line may be 5 to 6 feet in height with no or little green growth beneath.



CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP

Project Name: 01MS2013

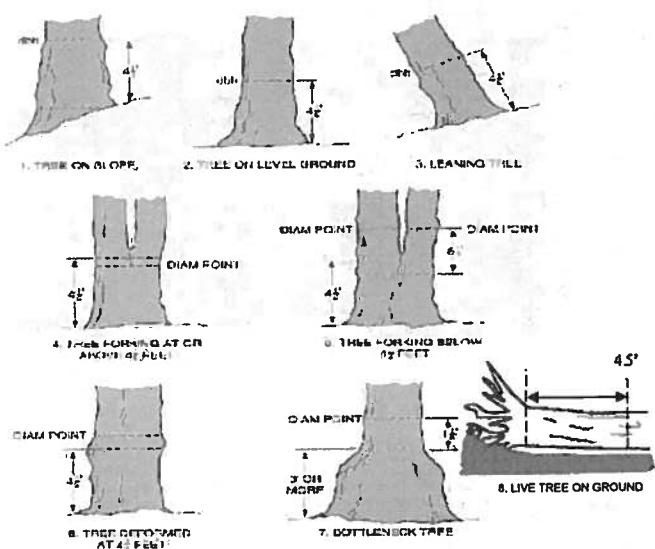
Plot No.: 1355

Page: 1 of 3

Explain subsample (additional room on back):

mod #	species	c	voucher#	browsed	# sub sample	# shrub clumps	size class (cm) woody stems > 1.4m										# stems 0-1.4m	% sub sample
							0-1	2	3	4	5	6	7	8	9	10		
1	<i>Carpinus caroliniana</i>																	
1	<i>Fraxinus sp.</i>																	
1	<i>Crataegus sp.</i>																	
1	Standing dead																	
1	<i>Carya cordiformis</i>																	
1	<i>Lonicera maackii</i>																	
1	<i>Asimina triloba</i>																	
1	<i>Prunus serotina</i>																	
1	<i>Rosa multiflora</i>																	
1	<i>Acer saccharum</i>																	
1	<i>Vitis riparia</i> SET	2-3-13																
1	<i>Acer negundo</i>																	
1	<i>Fraxinus pennsylvanica</i>																	
1	<i>Berroeria thunbergii</i>																	
2	<i>Asimina triloba</i>																	
2	<i>Rosa multiflora</i>																	
2	<i>Lonicera maackii</i>																	
2	Standing dead																	
2	<i>Parthenocissus quinquefolia</i>																	
2	<i>Fraxinus sp.</i>																	
2	<i>Vitis sp.</i>																	
2	<i>Acer saccharum</i>																	
2	<i>Tilia americana</i>																	
2	<i>Quercus rubra</i>																	
																		42.0

DBH Measurement Rules



Woody Stem Deer Browse

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

Record using the tally system from 1 to 10



1



2



3



4



5

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.



A

B

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.

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP

Project Name: DM/MS2013

Plot No.: 1355

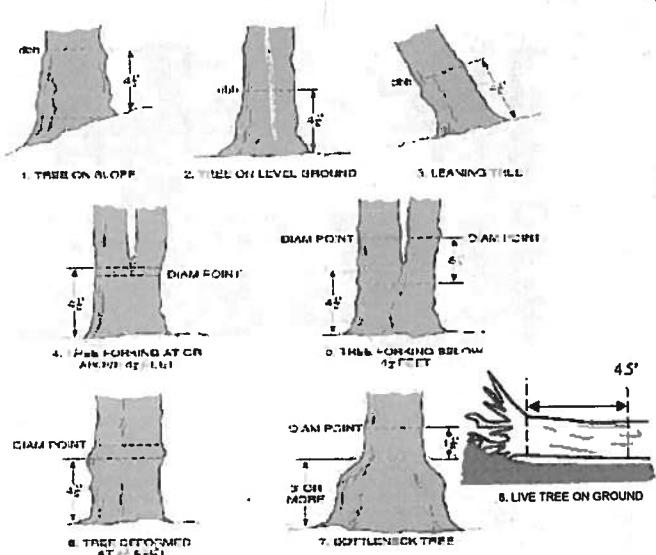
Page: 3 of 3

Explain subsample (additional room on back):

© Cleveland Metroparks

mod #	species	c	voucher#	# stems 0-14m browsed	% sub sample	# shrub clumps	size class (cm) woody stems >1.4m									
							1	2	3	4	5	6	7	8	9	10
2	Prunus Secotina															11
2	Lindera Cedrela sp.															
2	Cassinia caroliniana															
2	Carya cordifolia															
2	Carya sp.															
2	Lindera benzoin															
3	Lindera benzoin															
3	Carya cordiformis															
3	Crataegus sp.															
3	Asimina triloba															
3	Vitis sp.															
3	LONICERA/MACKIEI															
3	Ulmus americana															
3	ROSA Multiflora															
3	Tilia americana															
4	Cornus florida															
4	LONICERA/MACKIEI															
4	Carya cordiformis															
4	Asimina triloba															
4	Scandia dead															
4	Vitis sp.															
4	Lindera benzoin															
4	Ulmus americana															
4	Fraxinus pennsylvanica															

DBH Measurement Rules



Woody Stem Deer Browse

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

Record using the tally system from 1 to 10



1



2



3



4



5

ASH CANOPY CONDITION

1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.
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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.
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A

B

C

D

E

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- E: Central stem still standing.

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Project Label: PCAP

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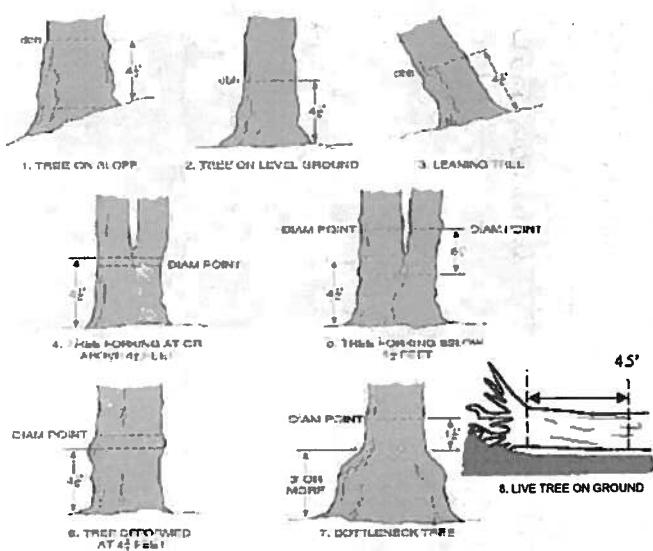
2

ପ୍ରଦେଶୀଜାଗରଣ ମନ୍ଦିରମାର୍ଗ

Explain subsample (additional room on back):

Page: 3 of 3

DBH Measurement Rules



Woody Stem Deer Browse

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

Record using the tally system from 1 to 10



1



2



3



4



5

ASH CANOPY CONDITION

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A

B

C

D

E

ASH CANOPY BREAKUP CONDITION (for dead trees):

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- C: Less than 50% of main branches have fine twigs.
- D: Stem still standing and tertiary main branches present.
- E: Central stem still standing.

CLEVELAND METROPARKS Emerald Ash Borer - *Fraxinus* Sheet

Project Label: PCAP

Project Name: 01MS2013

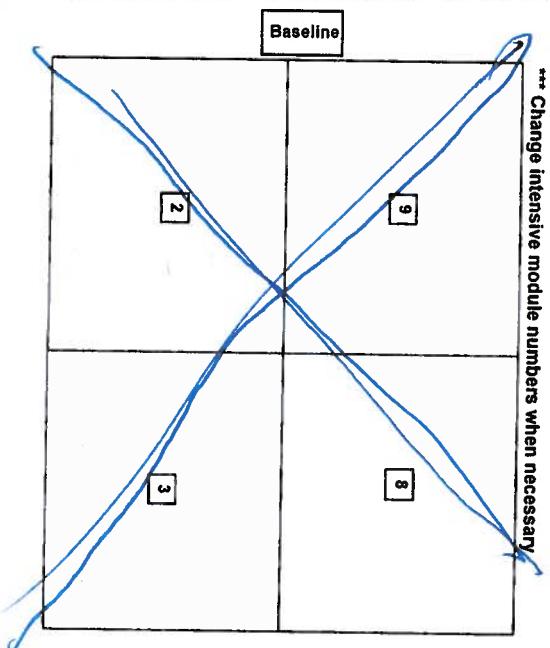
Plot No.: 1355

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

Page: 1 of 2

Page: 1 of 2

Module	Tree ID.	Species	Dead c	Voucher #	DBH (cm)	Ht @ DBH	Ash condition	Dead holes	ASH Only		
									SKT	9-5-13	# Exit holes
1	1	<i>Fraxinus sp.</i>			11.4		1	0	0	0	0
4	2	<i>Fraxinus sp.</i>			16.0		2	0	0	0	0
4	3	<i>Fraxinus pennsylvanica</i>			21.3		4	0	0	0	0
4	4	<i>Fraxinus sp.</i>			10.6		3	0	0	0	0
5									07	01	1
6											
7											
8											
9											
10											
11											
12											
13											
14											
15											
16											
17											
18											
19											
20											
21											
22											
23											
24											
25											



*** Change intensive module numbers when necessary

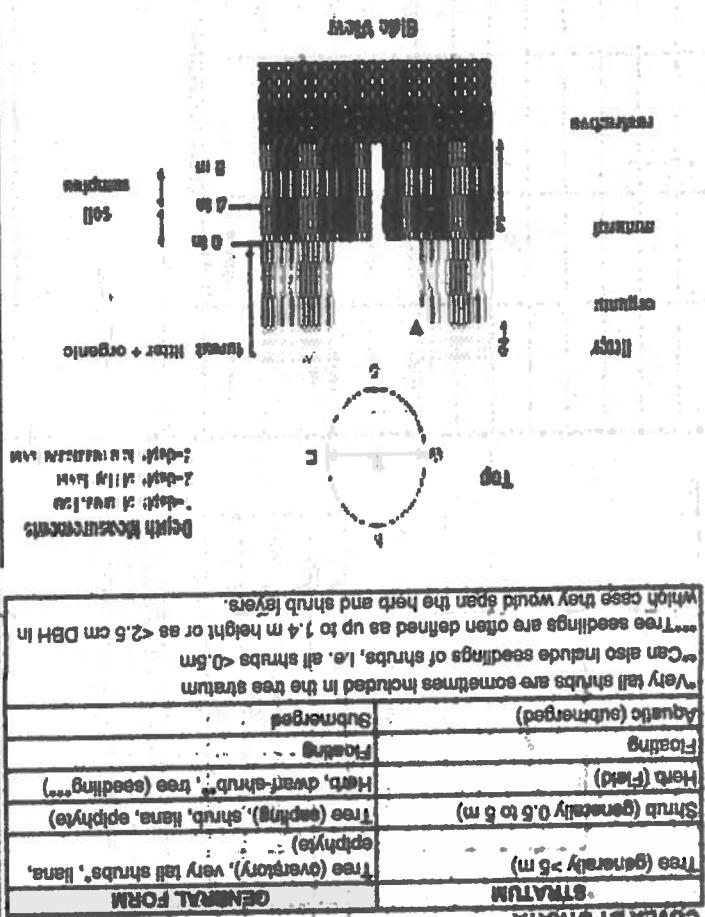
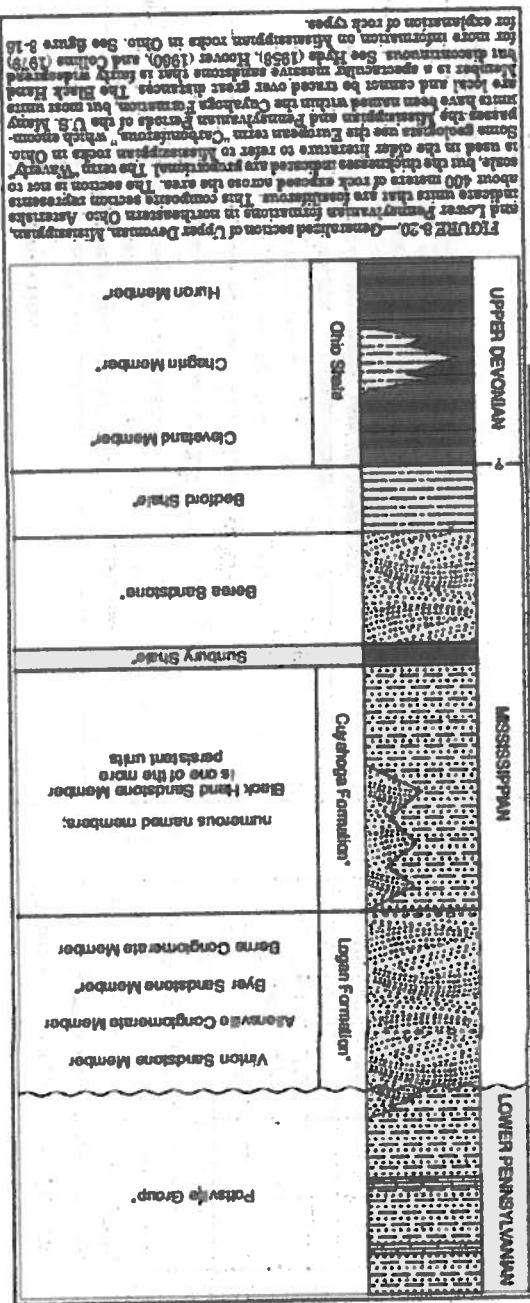
- * If Ash Condition scores 5 (dead) provide breakup score (A-E)
- Count EAB exit holes $1.25\text{cm}^2 \times 21.5\text{m}$
- Woodpecker and epicormic marked present (1) or absent (0)

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey



Tier 1: Early detection/ Rapid response		Presence				GPS	Presence
		NE	SE	SW	NW		
<i>Microstegium vimineum</i>	Japanese stiltgrass						
<i>Ranunculus ficaria</i>	Lesser Celandine						
<i>Cynanchum louiseae</i> (vine)	Black Swallow-wort						
<i>Butomus umbellatus</i> (wetland)	Flowering Rush						
<i>Heracleum mantegazzianum</i>	Giant Hogweed						
Tier 2: Assess as Needed		# of Plants				comments	# of Plants
		NE	SE	SW	NW		
<i>Acer platanoides</i>	Norway Maple						
<i>Ailanthus altissima</i>	Tree of Heaven						
<i>Lonicera japonica</i> (vine)	Japanese Honeysuckle						
<i>Lythrum salicaria</i> (wetland)	Purple Loosestrife						
<i>Aegopodium podagraria</i> (G-cover)	Bishop's Goutweed						# of Plants
<i>Celastrus orbiculatus</i> (vine)	Asian Bittersweet			3	3		
<i>Torilis</i> sp.	Hedgeparsley						
<i>Conium maculatum</i>	Poison Hemlock						
<i>Rhamnus cathartica</i>	Common Buckthorn (shrub)						
<i>Berberis thunbergii</i>	Japanese Barberry (shrub)	1	2	2	2		
<i>Alnus glutinosa</i>	European Alder						
<i>Dipsacus laciniatus</i>	Cut-leaf Teasel						
<i>Elaeagnus umbellata</i>	Autumn Olive (shrub)						
<i>Lonicera maackii</i>	Amur Honeysuckle (shrub)	4	3	4	2		
<i>Euonymus fortunei</i>	Wintercreeper						
Tier 3: Presence is of Interest		# of Plants				comments	# of Plants
		NE	SE	SW	NW		
<i>Convallaria majalis</i> (G-cover)	Lily of the Valley						
<i>Coronilla varia</i> (G-cover)	Crown Vetch						
<i>Eleutherococcus pentaphyllus</i>	Five-leaf Aralia (shrub)						
<i>Pachysandra terminalis</i> (G-cover)	Japanese Pachysandra						
<i>Philadelphus coronarius</i>	Mock Orange (shrub)						
<i>Pulmonaria officinalis</i> (G-cover)	Lungwort						
<i>Rubus phoenicolasius</i>	Wineberry						
<i>Iris pseudacorus</i> (wetland)	Yellow Flag Iris						
<i>Ornithogalum umbellatum</i>	Star of Bethlehem						
<i>Viburnum opulus</i> var. <i>opulus</i>	European Cranberry (shrub)	1	1				# of Plants
<i>Viburnum plicatum</i>	Doublefile Viburnum (shrub)						
Tier 4: Widespread and abundant		Presence				comments	
		NE	SE	SW	NW		
<i>Alliaria petiolata</i>	Garlic Mustard	1	3	3			
<i>Ligustrum vulgare</i>	Common Privet (shrub)	1	2	3	1		
<i>L. morrowii</i> , <i>L. tatarica</i>	Bush Honeysuckles (shrub)						
<i>Phalaris arundinacea</i>	Reed Canarygrass			2	2		
<i>Phragmites australis</i> (wetland)	Phragmites						
<i>Polygonum cuspidatum</i>	Japanese Knotweed						
<i>Frangula alnus</i>	Glossy Buckthorn (shrub)						
<i>Rosa multiflora</i>	Multiflora Rose (shrub)	3	3	3	4		
<i>Typha angustifolia</i> , <i>T. x glauca</i>	Cattails (wetland)	4					
<i>Cirsium arvense</i>	Canada thistle	Bull		2	2		
<i>Dipsacus fullonum</i>	Common Teasel						
<i>Hesperis matronalis</i>	Dame's Rocket						
<i>Vinca minor</i> (G-cover)	Periwinkle						

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



卷之三

SOL. PIT DESCRIPTOR: Excavate 20 cm
pings with shovel. Describe using Minnelli chart,
visual exam, texture, and odor.

SOIL PIT DESCRIPTION: Excavate 20 cm plus w/ shovel. Describe using Munsell chart visual observation and character.

SQL SAMPLE3 Standard procedure: collect a soil sample of the top 10 cm of soil from center of each

SD1 SAMPLES Standard procedure: collect a sample of the top 10 cm of soil from center of each

EARTH SURFACE & GROUND WATER

111

102

1

Soil pH reading: 5.3, (cm per entire plot)
5 cm matrix color 104 R 3/1

Ball Collection Method: Electro (A, B, C)

Underlying Earth Surface	Ground Cover
Soil = 100% bare soil	Ground cover $R_{soil} < 100\%$

TRAIL INFORMATION:
Record type and cover for each

matrix color	N/A		13 3/4		
minerals	0		100% ^{calcareous}		
solid rocks	Y		0		
texture	a		Very fine		
mineralogy	Y		N		
depth, cont. top	I	S	0		
mineral color	3	5	3/3		
weather. color	N/A				
Soil Series/Type: B-F-Bucksville					
Soil Series Source: Ohio Soil Survey					
Landform type: D - <i>D</i> - <i>limestone</i>					
Depth to rock, Layer 1: 120-450 in <i>top cal</i> <i>lithic</i>					
Present Status: Residuum #7 <i>bedrock</i>					
DRAINAGE: Wet <i>theodolite</i> <i>soil</i>					
SIZE: 4 4 1 <i>76</i> <i>15 cm</i>					

Historical	0	Common Woody Debris***
Historical Soil	100	from Woody Debris ***
Common Oak	0	Leaves
Buckeye	0	Duff (Ferns + Rhizomes)
Betelroot	0	Brownish-Black
General Cobble - 1/16-10"	White	
Common Oak - > 10 in	Bare Soil	
Common Oak - > 25 cm in diameter	15	10

End 7/15/13

- Excessive dr.
- Spurred excessively
- Well drained
- Moderately well dr.
- Saturated poorly dr.
- Very poorly dr.
- Impenetrable surface

COVER BY STRATA
strata using midpoints of 5, 10, 15

1000

soil depth (cm)	10 cm in center of depression module. If >10 cm, record as >20
soil depth (cm)	10 cm in center of depression module. If >10 cm, record as >20
soil depth (cm)	10 cm in center of depression module. If >10 cm, record as >20
soil depth (cm)	10 cm in center of depression module. If >10 cm, record as >20
soil depth (cm)	10 cm in center of depression module. If >10 cm, record as >20

COVER BY STRATA	
Estimate using midpoints of Table 8-9	
Strata	Estimated Area (ft ²)
Tan	5
Shrub	.5 - .5
Herb	0 - .5
(Ground)	
Total estimated area = 1.5 ft ²	
Cover by Strata	
- unstratified, cover plant cover below surface	
SEE BACK OF PLATE FOR TYPICAL STRATA DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE.	

ACM SIGART 2000

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (Initial): _____

Site ID: PCAP MS 1355

DATE: 07/17/2013

Location:

● AA Center ON OS OE OW

Fill in bubble(s) if plot(s) could not be sampled and flag →

○ Plot 1 ○ Plot 2 ○ Plot 3

Buffer Natural Cover Strata

Fill in bubbles for all that apply. Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy.

Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2=Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%)

Buffer Plot 1	Canopy Type: <input checked="" type="radio"/> D <input type="radio"/> E		Absent: <input type="radio"/>	Buffer Plot 2	Canopy Type: <input type="radio"/> D <input checked="" type="radio"/> E		Absent: <input type="radio"/>	Buffer Plot 3	Canopy Type: <input type="radio"/> D <input checked="" type="radio"/> E		Absent: <input type="radio"/>
	Leaf Type: <input checked="" type="radio"/> B <input type="radio"/> N	Flag			Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N	Flag			Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N	Flag	
Big Trees (>0.3m DBH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Big Trees (>0.3m DBH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Big Trees (>0.3m DBH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>
Small Trees (<0.3m DBH)	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Small Trees (<0.3m DBH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Small Trees (<0.3m DBH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>
Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>
Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>
Herbs, Forbs and Grasses	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Herbs, Forbs and Grasses	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Herbs, Forbs and Grasses	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>
Bare ground	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Bare ground	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Bare ground	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>
Litter, duff	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Litter, duff	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Litter, duff	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>
Rock	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Rock	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Rock	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>
Water	<input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Water	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Water	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>
Submerged Vegetation	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Submerged Vegetation	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>	Submerged Vegetation	<input type="radio"/> <input type="radio"/> <input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>		<input type="radio"/>

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble.

Residential and Urban Stressors				Hydrology Stressors				Agricultural & Rural Stressors							
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	
Road - gravel	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Ditches, Channelization	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Pasture/Hay	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Road - two lane	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Dike/Dam/Road/RR Bed (IMPEDE FLOW)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Range	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Road - four lane	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Water Level Control Structure	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Row Crops	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Parking Lot/Pavement	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Excavation, Dredging	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Fallow Field (RECENT-RESTING ROW CROP FIELD)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Golf Course	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Fill/Spoil Banks	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Fallow Field (OLD - GRASS, SHRUBS, TREES)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Lawn/Park	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Freshly Deposited Sediment (UNVEGETATED)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Nursery	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Suburban Residential	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Soil Loss/Root Exposure	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Dairy	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Urban/Multifamily	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Wall/Riprap	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Orchard	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Landfill	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Inlets, Outlets	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Confined Animal Feeding	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Dumping	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Point Source/Pipe (EFFLUENT OR STORMWATER)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Rural Residential	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Trash	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Impervious surface input (SHEETFLOW)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Gravel Pit	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Irrigation	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	

Industrial Development Stressors

Habitat/Vegetation Stressors

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
Oil Drilling	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Forest Clear Cut	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Herbicide Use	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>
Gas Wells	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Forest Selective Cut	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Mowing/Shrub Cutting	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>
Mine (surface)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Tree Plantation	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Trails	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>
Mine (underground)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Tree Canopy Herbivory (INSECT)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Soil Compaction (ANIMAL OR HUMAN)	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>
Military	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Shrub Layer Browsed (WILD OR DOMESTIC)	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Offroad vehicle damage	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Highly Grazed Grasses (OVERALL <3" HIGH)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Soil erosion (FROM WIND, WATER, OR OVERUSE)	<input checked="" type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Recently Burned Forest Canopy	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Recently Burned Grassland (BLACKENED)	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>			<input type="radio"/>

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew.

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

2428168304

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

Reviewed by (initial): _____

Site ID: PCAPMS 1355

DATE: 07/17/2013

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

FIII bubble If present - Plot	1	2	3	Flag	FIII bubble If present - Plot	1	2	3	Flag	FIII bubble If present - Plot	1	2	3	Flag
Eurasian Watermilfoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Purple Loosestrife	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Johnson Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Water hyacinth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Kudzu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Yellow Floating Heart	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Japanese Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Multiflora Rose	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Giant Salvinia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Perennial Pepperweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Buckthorn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Garlic Mustard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Giant Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Himalayan Blackberry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Poison Hemlock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Cheatgrass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Tamarisk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mile-A-Minute Weed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Reed Canary Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Birdsfoot Trefoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Canada Thistle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Leafy Spurge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
										Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

PLOT COORDINATES

Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble.

If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.

Location of coordinates (choose one):

Flag

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

Latitude North 41.33274 Longitude West 081.87171

Use Decimal Degrees: NAD83

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (Initial): _____

Site ID:

PCAP MS 1355

DATE: 07/18/2013

Location:

○ AA Center

○ N

○ S

○ E

○ W

Fill in bubble(s) if plot(s) could not be sampled and flag →

○ Plot 1 ○ Plot 2 ○ Plot 3

Buffer Natural Cover Strata

Fill in bubbles for all that apply: Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy.

Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2 = Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%)

Buffer Plot 1	Canopy Type: <input type="radio"/> D <input checked="" type="radio"/> E		Absent: <input type="radio"/>	Buffer Plot 2	Canopy Type: <input type="radio"/> D <input checked="" type="radio"/> E		Absent: <input type="radio"/>	Buffer Plot 3	Canopy Type: <input type="radio"/> D <input checked="" type="radio"/> E		Absent: <input type="radio"/>
	Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N	Flag: <input type="radio"/>			Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N	Flag: <input type="radio"/>			Leaf Type: <input type="radio"/> B <input checked="" type="radio"/> N	Flag: <input type="radio"/>	
Big Trees (>0.3m DBH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Big Trees (>0.3m DBH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Big Trees (>0.3m DBH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>
Small Trees (<0.3m DBH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Small Trees (<0.3m DBH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Small Trees (<0.3m DBH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>
Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>
Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>
Herbs, Forbs and Grasses	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Herbs, Forbs and Grasses	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Herbs, Forbs and Grasses	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>
Bare ground	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Bare ground	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Bare ground	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>
Litter, duff	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Litter, duff	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Litter, duff	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input checked="" type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>
Rock	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Rock	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Rock	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>
Water	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Water	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Water	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>
Submerged Vegetation	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Submerged Vegetation	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>	Submerged Vegetation	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3 <input type="radio"/> 4	<input type="radio"/>	<input type="radio"/>

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble.

Residential and Urban Stressors				Hydrology Stressors				Agricultural & Rural Stressors							
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	
Road - gravel	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ditches, Channelization	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Pasture/Hay	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Road - two lane	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dike/Dam/Road/RR Bed (IMPEDE FLOW)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Range	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Road - four lane	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Water Level Control Structure	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Row Crops	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Parking Lot/Pavement	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excavation, Dredging	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Fallow Field (RECENT-RESTING ROW CROP FIELD)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Golf Course	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Fill/Spoil Banks	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Fallow Field (OLD - GRASS, SHRUBS, TREES)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Lawn/Park	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Freshly Deposited Sediment (UNVEGETATED)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Nursery	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Suburban Residential	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Soil Loss/Root Exposure	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dairy	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Urban/Multifamily	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Wall/Riprap	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Orchard	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Landfill	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Inlets, Outlets	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Confined Animal Feeding	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Dumping	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Point Source/Pipe (EFFLUENT OR STORMWATER)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Rural Residential	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Trash	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Impervious surface Input (SHEETFLOW)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Gravel Pit	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Irrigation	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Industrial Development Stressors				Habitat/Vegetation Stressors											
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	
Oil Drilling	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Forest Clear Cut	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Herbicide Use	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Gas Wells	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Forest Selective Cut	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Mowing/Shrub Cutting	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mine (surface)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Tree Plantation	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Trails	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mine (underground)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Tree Canopy Herbivory (INSECT)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Soil Compaction (ANIMAL OR HUMAN)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Military	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Shrub Layer Browsed (WILD OR DOMESTIC)	<input checked="" type="radio"/> 0 <input type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Offroad vehicle damage	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Highly Grazed Grasses (OVERALL <3' HIGH)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Soil erosion (FROM WIND, WATER, OR OVERUSE)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Recently Burned Forest Canopy	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Recently Burned Grassland (BLACKENED)	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> 0 <input checked="" type="radio"/> 1 <input type="radio"/> 2 <input type="radio"/> 3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew.

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

2428168304

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

Reviewed by (initial): _____

Site ID: PCAPMS20131355

DATE: 07/18/2013

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

Fill bubble If present - Plot	1	2	3	Flag	Fill bubble If present - Plot	1	2	3	Flag	Fill bubble If present - Plot	1	2	3	Flag
Eurasian Watermilfoil 	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Purple Loosestrife	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Johnson Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Water hyacinth 	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Kudzu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Yellow Floating Heart	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Japanese Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Multiflora Rose	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
Giant Salvinia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Perennial Pepperweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Buckthorn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Garlic Mustard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Giant Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Himalayan Blackberry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Poison Hemlock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Cheatgrass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Tamarisk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mile-A-Minute Weed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Reed Canary Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Birdsfoot Trefoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Canada Thistle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Leafy Spurge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

PLOT COORDINATES

Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble.

If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.

Location of coordinates (choose one):

Flag

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

Latitude North 41.33274 Longitude West 681.89183

Use Decimal Degrees: NAD83

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (Initial): _____

Site ID: PCAPMS 1355

DATE: 07/17/2013

Location:

O AA Center O N O S O E O W

Fill in bubble(s) if plot(s) could not be sampled and flag →

O Plot 1 O Plot 2 O Plot 3

Buffer Natural Cover Strata

Fill in bubbles for all that apply: Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf, N = Needle Leaf. Absent: No tree canopy.

Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2 = Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%)

Buffer Plot 1	Canopy Type: D		Absent: O		Buffer Plot 2	Canopy Type: D		Absent: O		Buffer Plot 3	Canopy Type: D		Absent: O	
	Leaf Type: B	N	Flag	Leaf Type: B	N	Leaf Type: B	N	Flag	Leaf Type: B		N	Flag		
Big Trees (>0.3m DBH)	<input type="radio"/>													
Small Trees (<0.3m DBH)	<input type="radio"/>													
Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/>													
Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/>													
Herbs, Forbs and Grasses	<input type="radio"/>													
Bare ground	<input type="radio"/>													
Litter, duff	<input type="radio"/>													
Rock	<input type="radio"/>													
Water	<input type="radio"/>													
Submerged Vegetation	<input type="radio"/>													

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble. O

Residential and Urban Stressors				Hydrology Stressors				Agricultural & Rural Stressors							
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	
Road - gravel	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Ditches, Channelization	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Pasture/Hay	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Road - two lane	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dike/Dam/Road/RR Bed (IMPEDE FLOW)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Range	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Road - four lane	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Water Level Control Structure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Row Crops	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Parking Lot/Pavement	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Excavation, Dredging	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Fallow Field (RECENT-RESTING ROW CROP FIELD)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Golf Course	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Fill/Spoil Banks	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Fallow Field (OLD - GRASS, SHRUBS, TREES)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Lawn/Park	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Freshly Deposited Sediment (UNVEGETATED)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Nursery	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Suburban Residential	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Soil Loss/Root Exposure	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Dairy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Urban/Multifamily	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Wall/Riprap	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Orchard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Landfill	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Inlets, Outlets	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Confined Animal Feeding	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Dumping	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Point Source/Pipe (EFFLUENT OR STORMWATER)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Rural Residential	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Trash	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Impervious surface input (SHEETFLOW)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Gravel Pit	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Irrigation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Industrial Development Stressors				Habitat/Vegetation Stressors											
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	
Oil Drilling	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Forest Clear Cut	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Herbicide Use	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Gas Wells	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Forest Selective Cut	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Mowing/Shrub Cutting	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mine (surface)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Tree Plantation	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Trails	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mine (underground)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Tree Canopy Herbivory (INSECT)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Soil Compaction (ANIMAL OR HUMAN)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Military	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Shrub Layer Browsed (WILD OR DOMESTIC)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Offroad vehicle damage	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Highly Grazed Grasses (OVERALL <3" HIGH)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Soil erosion (FROM WIND, WATER, OR OVERUSE)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Recently Burned Forest Canopy	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Recently Burned Grassland (BLACKENED)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew.
Explain all flags in comment section on the back of this form

2428168304

garlic
moncera
pepsi
sabertooth
alles

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

Reviewed by (Initial): _____

Site ID: PCAPMS1355

DATE: 07/17/2013

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

FIII bubble If present - Plot	1	2	3	Flag	Fill bubble If present - Plot	1	2	3	Flag	FIII bubble If present - Plot	1	2	3	Flag
Eurasian Watermilfoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Purple Loosestrife	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Johnson Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Water hyacinth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Kudzu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Yellow Floating Heart	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Japanese Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Multiflora Rose	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Giant Salvinia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Perennial Pepperweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Buckthorn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Garlic Mustard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Giant Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Himalayan Blackberry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Poison Hemlock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Cheatgrass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Tamarisk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mile-A-Minute Weed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Reed Canary Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Birdsfoot Trefoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Canada Thistle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Leafy Spurge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
										Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

PLOT COORDINATES

Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble.

If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.

Location of coordinates (choose one):

Flag

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

Latitude North 41° 33.240

Longitude West 81.82141

Use Decimal Degrees: NAD83

Flag	Comments
1	Buffers all fall out of sampling area
2	Could not go all the way into plot buffer 1, sampled as far out as we could.

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (Initial): _____

Site ID: PCAPMS1355

DATE: 07/17/2013

Location:

O AA Center O N O S O E O W

Fill in bubble(s) if plot(s) could not be sampled and flag →

O Plot 1 O Plot 2 O Plot 3

Buffer Natural Cover Strata

Fill in bubbles for all that apply: Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf, N = Needle Leaf. Absent: No tree canopy.

Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2 = Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%)

Buffer Plot 1	Canopy Type: <input checked="" type="checkbox"/> D <input type="checkbox"/> E		Absent: <input type="checkbox"/>	Buffer Plot 2	Canopy Type: <input type="checkbox"/> D <input checked="" type="checkbox"/> E		Absent: <input type="checkbox"/>	Buffer Plot 3	Canopy Type: <input type="checkbox"/> D <input checked="" type="checkbox"/> E		Absent: <input type="checkbox"/>
	Leaf Type: <input checked="" type="checkbox"/> B <input type="checkbox"/> N	Flag			Leaf Type: <input checked="" type="checkbox"/> B <input type="checkbox"/> N	Flag			Leaf Type: <input checked="" type="checkbox"/> B <input type="checkbox"/> N	Flag	
Big Trees (>0.3m DBH)	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Big Trees (>0.3m DBH)	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Big Trees (>0.3m DBH)	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
Small Trees (<0.3m DBH)	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4			Small Trees (<0.3m DBH)	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Small Trees (<0.3m DBH)	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Woody Shrubs, Saplings (0.5m-5m HIGH)	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
Woody Shrubs, Saplings (<0.5m HIGH)	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Woody Shrubs, Saplings (<0.5m HIGH)	<input type="checkbox"/> <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Woody Shrubs, Saplings (<0.5m HIGH)	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
Herbs, Forbs and Grasses	<input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3 <input type="checkbox"/> 4			Herbs, Forbs and Grasses	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Herbs, Forbs and Grasses	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
Bare ground	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Bare ground	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Bare ground	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
Litter, duff	<input type="checkbox"/> 1 <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Litter, duff	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Litter, duff	<input type="checkbox"/> <input checked="" type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
Rock	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Rock	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Rock	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
Water	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Water	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Water	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		
Submerged Vegetation	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Submerged Vegetation	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4			Submerged Vegetation	<input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4		

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble.

Residential and Urban Stressors				Hydrology Stressors				Agricultural & Rural Stressors							
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	
Road - gravel	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Ditches, Channelization	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Pasture/Hay	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Road - two lane	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Dike/Dam/Road/RR Bed (IMPEDE FLOW)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Range	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Road - four lane	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Water Level Control Structure	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Row Crops	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Parking Lot/Pavement	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Excavation, Dredging	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Fallow Field (RECENT-RESTING ROW CROP FIELD)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Golf Course	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Fill/Spoil Banks	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Fallow Field (OLD - GRASS, SHRUBS, TREES)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Lawn/Park	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Freshly Deposited Sediment (UNVEGETATED)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Nursery	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Suburban Residential	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Soil Loss/Root Exposure	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Dairy	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Urban/Multifamily	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Wall/Riprap	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Orchard	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Landfill	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Inlets, Outlets	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Confined Animal Feeding	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Dumping	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Point Source/Pipe (EFFLUENT OR STORMWATER)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Rural Residential	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Trash	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>				Impervious surface input (SHEETFLOW)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Gravel Pit	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Irrigation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				

Industrial Development Stressors				Habitat/Vegetation Stressors											
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	
Oil Drilling	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Forest Clear Cut	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Herbicide Use	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Gas Wells	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Forest Selective Cut	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Mowing/Shrub Cutting	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Mine (surface)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Tree Plantation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Trails	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>				
Mine (underground)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Tree Canopy Herbivory (INSECT)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Soil Compaction (ANIMAL OR HUMAN)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>				
Military	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Shrub Layer Browsed (WILD OR DOMESTIC)	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>				Offroad vehicle damage	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Highly Grazed Grasses (OVERALL <3" HIGH)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Soil erosion (FROM WIND, WATER, OR OVERUSE)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Recently Burned Forest Canopy	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				
Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Recently Burned Grassland (BLACKENED)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				Other: _____	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>				

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew.
Explain all flags in comment section on the back of this form

2428168304

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

Reviewed by (initial): _____

Site ID: PCAPMS1355

DATE: 07/17/2013

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

Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Purple Loosestrife	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Johnson Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Water hyacinth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Kudzu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Yellow Floating Heart	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Japanese Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Multiflora Rose	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	
Giant Salvinia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Perennial Pepperweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Buckthorn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Garlic Mustard	<input checked="" type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>		Giant Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Himalayan Blackberry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Poison Hemlock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Cheatgrass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Tamarisk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mile-A-Minute Weed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Reed Canary Grass	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Birdsfoot Trefoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Canada Thistle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Leafy Spurge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
										Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

PLOT COORDINATES

Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble.

If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.

Location of coordinates (choose one):

Flag

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

Latitude North

41.331416

Longitude West

81.82179

Use Decimal Degrees: NAD83

FORM B-1: BUFFER SAMPLE PLOTS (Front)

Reviewed by (Initial): _____

Site ID: PCAPMS 1355

DATE: 07/17/2013

Location:

O AA Center O N O S O E O W

Fill in bubble(s) if plot(s) could not be sampled and flag →

O Plot 1 O Plot 2 O Plot 3

Buffer Natural Cover Strata

Fill in bubbles for all that apply: Canopy Type: D = Deciduous; E = Evergreen. Leaf Type: B = Broadleaf; N = Needle Leaf. Absent: No tree canopy.

Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2=Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%)

Buffer Plot 1	Canopy Type: D E		Absent: <input type="radio"/>	Buffer Plot 2	Canopy Type: D E		Absent: <input type="radio"/>	Buffer Plot 3	Canopy Type: D E		Absent: <input type="radio"/>
	Leaf Type: B N	Flag: <input type="radio"/>	Leaf Type: B N		Leaf Type: B N	Flag: <input type="radio"/>	Leaf Type: B N		Leaf Type: B N	Flag: <input type="radio"/>	
Big Trees (>0.3m DBH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Big Trees (>0.3m DBH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Big Trees (>0.3m DBH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Small Trees (<0.3m DBH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Small Trees (<0.3m DBH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Small Trees (<0.3m DBH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Woody Shrubs, Saplings (0.5m-5m HIGH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Woody Shrubs, Saplings (<0.5m HIGH)	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Herbs, Forbs and Grasses	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Herbs, Forbs and Grasses	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Herbs, Forbs and Grasses	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Bare ground	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Bare ground	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Bare ground	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Litter, duff	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Litter, duff	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Litter, duff	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Rock	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Rock	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Rock	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Water	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Water	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Water	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Submerged Vegetation	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Submerged Vegetation	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	<input type="radio"/>	Submerged Vegetation	<input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	

Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble.

Residential and Urban Stressors				Hydrology Stressors				Agricultural & Rural Stressors							
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	
Road - gravel	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Ditches, Channelization	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Pasture/Hay	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Road - two lane	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Dike/Dam/Road/RR Bed (IMPEDE FLOW)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Range	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Road - four lane	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Water Level Control Structure	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Row Crops	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Parking Lot/Pavement	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Excavation, Dredging	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Fallow Field (RECENT-RESTING ROW CROP FIELD)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Golf Course	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Fill/Spoil Banks	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Fallow Field (OLD - GRASS, SHRUBS, TREES)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Lawn/Park	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Freshly Deposited Sediment (UNVEGETATED)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Nursery	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Suburban Residential	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Soil Loss/Root Exposure	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Dairy	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Urban/Multifamily	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Wall/Riprap	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Orchard	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Landfill	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Inlets, Outlets	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Confined Animal Feeding	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Dumping	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Point Source/Pipe (EFFLUENT OR STORMWATER)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Rural Residential	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Trash	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Impervious surface Input (SHEETFLOW)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Gravel Pit	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Irrigation	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	

Industrial Development Stressors

Habitat/Vegetation Stressors

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
Oil Drilling	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Forest Clear Cut	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Herbicide Use	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>
Gas Wells	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Forest Selective Cut	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Mowing/Shrub Cutting	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>
Mine (surface)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Tree Plantation	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Trails	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>
Mine (underground)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Tree Canopy Herbivory (INSECT)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Soil Compaction (ANIMAL OR HUMAN)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>
Military	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Shrub Layer Browsed (WILD OR DOMESTIC)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Offroad vehicle damage	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Highly Grazed Grasses (OVERALL <3" HIGH)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Soil erosion (FROM WIND, WATER, OR OVERUSE)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Recently Burned Forest Canopy	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>
Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Recently Burned Grassland (BLACKENED)	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>	Other: _____	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/> <input type="radio"/> <input type="radio"/>	<input type="radio"/>

Flag codes: K = No measurement made, U = Suspect measurement., F1,F2, etc. = misc. flags assigned by each field crew.
Explain all flags in comment section on the back of this form

2428168304

Buffer Sample Plots 05/27/2011

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

Reviewed by (initial): _____

Site ID: PCAPM81355

DATE: 07/17/2013

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

Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Purple Loosestrife	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Johnson Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Water hyacinth	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Kudzu	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Yellow Floating Heart	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Japanese Knotweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Multiflora Rose	<input type="radio"/>	<input checked="" type="radio"/>	<input checked="" type="radio"/>	
Giant Salvinia	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Perennial Pepperweed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Buckthorn	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Garlic Mustard	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Giant Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Himalayan Blackberry	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Poison Hemlock	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Cheatgrass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Tamarisk	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Mile-A-Minute Weed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Reed Canary Grass	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Birdsfoot Trefoil	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Common Reed	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
Canada Thistle	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Leafy Spurge	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
										Other: _____	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

PLOT COORDINATES

Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the AA CENTER. Indicate the location of the plot coordinates by filling in the appropriate bubble.

If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in the flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.

Location of coordinates (choose one):

Flag

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

Latitude North 41.33242 Longitude West 081.82317

Use Decimal Degrees: NAD83

7966623548