			Comment required if item answer is NO
arking/Access outsid	e of Park Boundaries:	(Y)N	If yes, write details in Comments section below
ield journals comple	ed	(V) N	
te sketch made on 1	:3000 map?	(X) N	938-1045/154 - 41 - 41 - 41 - 41 - 41 - 41 - 41 -
eck cover page	X-axis Bearing of plot recorded	(y) N	
,	GPS coords. Recorded	Y N	
	North direction recorded	(Y) N	ingure control
	Photographs taken?	Y) N	
	Relocated Pins Mapped	(Y) N	
t No., Date agreem	ent on all pages?	Y) N	
nder data complete	i all pages?	Y) N	
er classes recorde	I in all Intensive modules	(Y) N	
owse Level By Spec	cies	Y N	
oody stem quality c	ontrol check	Y N	Check every line and cross check with the Tree Cover Sheet
vasive plant quality	control check	YN	
h trees mapped		Y N	
mpleted Forest Pes	/Pathogen Datasheet	(V) N	
ver by Strata? (con	firm cover type)	(Y) N	
il samples collected	with matching plot #.	Y N	
oss check 2010 info	rmation	(Y) N	Highlight any changes from 2010 information
uchers labeled on d	atasheet with initials and number	(Y) N	
uchers labeled on c	ollection bag	(V) N	
ik flags removed		Y N	
ta sheet QA before	leaving site?	Y) N	
mmon equipment r	eturned to tub.	Y N	A garage
ta sheets scanned?			Enter date to left
ıl data sheets scan	ned?		Enter date to left
Ter Widths measur	ed?	YN	
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ucher Location	Refrigerator	Y N	
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DS004 -	Drier	Y N	
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-05	Mounted	Y N	
	Thrown away	Y N	
	tion: Is plot sampleable?		
□ Yes	Original GRTS point is sampleable		
□ No	Original GRTS point lands in a non-		fill in category below)
	Point falls in a water (i.e. river,		te of mask
	Managed mowed area (i.e. golf Paved area (i.e. parkinglot, road)	course, picnic area, rig	nt-ol-way)
	☐ Unsafe to sample (i.e. steep slop	e)	
	D Other		
ditional Comment	'S:		



PLOT NOT SAMPLED: Plot Name: Hungrytish CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet Minimum required fields in Bold and Underlined SAMPLING QUALITY* □ Perm. water □ Paved □ Slope □ Safety GENERAL INFORMATION TAXONOMIC STANDARD TAXONOMIC ACCURACY Accurate Yery thorough Effort Level: End date (if > 1 day): Plot No.: 3668 Date (mm/dd/yyyy): 7 /30/ 15 Humied roject Label: PCAP Roles: Co-leader, Asst., Guide, Owner, Taxonomist, etc. roject Name: 02 WC2015 Eusenborel · Fade - Malore Level 4 (no nested corners sampled Level 5 (nested corners sampled) G&C Pub Date: modera. may still provide good sampling. Hurried plots how much effort put into subjective evaluation of Role** low Plot leader o Other Camera No.: C2 x = 0 y = U (base of plot x=0, y=0) GPS location in plot x=0 to 5, y=-1,0,+1); Check one: A Public data Drivate Data State: OH Random Stratified Random Transect component Plot placement: WRT'S Depth: (1-5): 4 GPS File Name: 368 P Datum: ■ NAD83/WGS84 □ NAD27 ■ Lat/Long □ UTM □ StatePlane Source of coordinates

MAP If data not public why? Reason: o Fuzz 100m o Fuzz 250m o Fuzz 500m Data Confidentiality: Local Place Names: Floredplain Quadrangle: (levalor) South LOCATION Intensive modules: 2, 3, 8, 9 Coordinate system: *Definitions and values in CM PCAP FOM v. 10 and CVS Field Guide Shrub . Mostly Hamanelis, OVER Coord. Accuracy: om oft X-axis Bearing of plot: County: Onyohzojo □ Representative ■ deg □ deg min Coord. Units (EDIT IF MODIFIE 173 0 she 8/14/15 Creek bridge. Plob is just Campy: New Mixed of Red Meple,
Campy Told Querus, Sassatrus, Magnetter
and Mysser

for Location: Park of Plunground off of Parkview Are Talk trail to content), Rationale (why here), and Vice Characterization (description of community, NOTES: Include Layout (any unusual shape details). Location (directions and landscape dominants, strata, BROWSE). Additional notes in space on back. Rutionale: brts-resample Layout: 2x5 Diagram Plot origin OPS location Photo taken, Kry: (0,0) point point with direction Helb. Mostly Frax Sp. Seedlings, Some prevanting arisagena, Carpines, a couple County, Natural Resources Mangement FORM NRZ010-01a We pin at origin heesia poaceae, Carpinus and accor rubrum, some tagus, I fraxpen, I comus LOI Magn floodplain to rest very dense 47 (Clumbund Westroperty Page 1 of 2 #5

Some Sussy/aces/acres/Limberdon Sports,

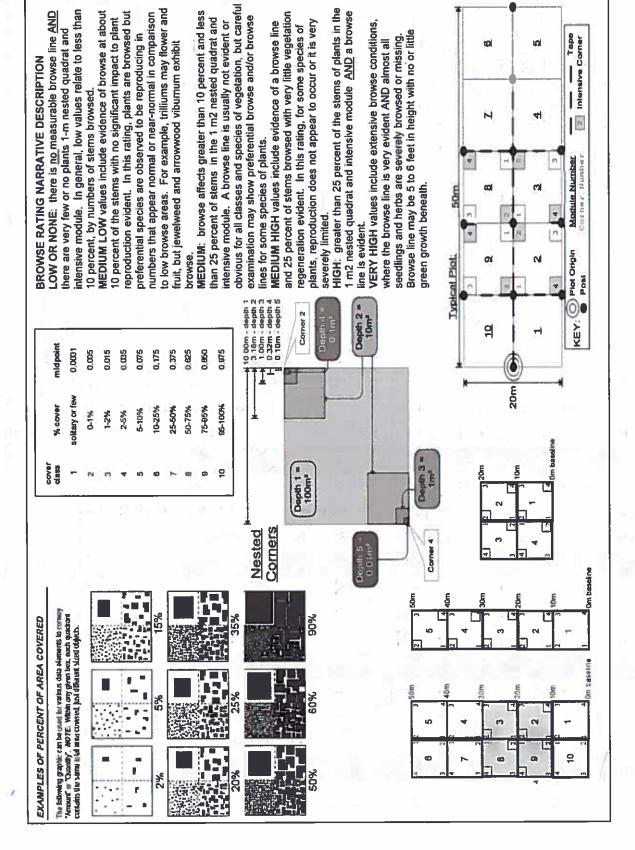
CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet
Project Label: PCAP Project name: 0140005 Intensive modules: 4 Plot configuration: LX 5

Total modules:

Plot area (ha): 0.

Page | of 3

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CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet

Project Label: Total modules:

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Intensive modules: 4 Plot configuration:

Project name: 02 WC 2015

Plot no.: 3668

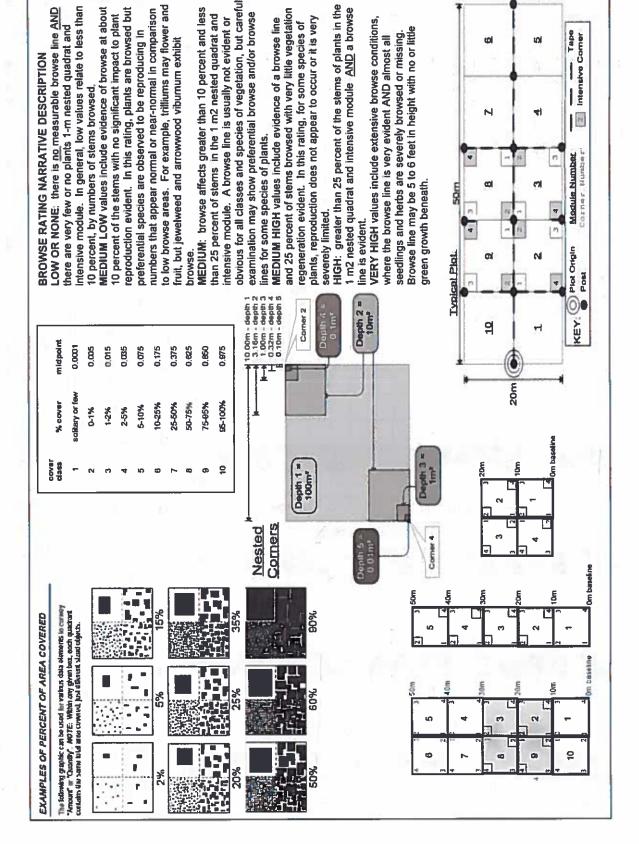
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Plot area (ha): O. J

Page 2 of 3

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SRE_CM PCAP TREE Species Cover Data sheet.xls last revised 6/10/2015 j/m

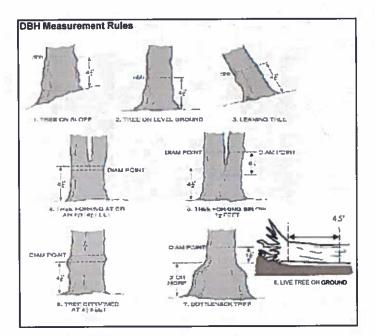
CLEVELAND METROPARKS Plant Community Assessment Program Tree Cover Data Sheet

Project Label: PCAP Project name: 02 WCD15 Plot no.: 3665

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Explain subsample (additional room on back):									-	
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3 Nussa sulvatica				•						
3 Otherwick riber			9							



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 18













ASH CANOPY CONDITION

- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.
- 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.
- Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.
- Dead canopy: No leaves remain in the canopy portion of the tree. It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.



В

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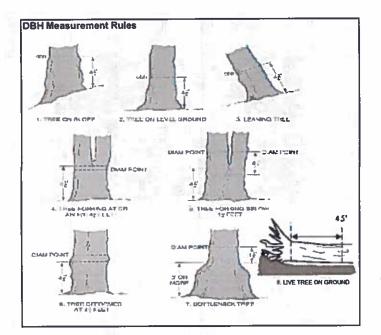
ASH CANOPY BREAKUP CONDITION (for dead trees):

(If an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below)

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

till this at

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Sassafras albidam Smilar roturdito Standing duad Acer rubrum Explain subsample (additional room on back) Standingdead Standing dead Smilax rotundifui Smilax rotundifolia Willerous rubra Standing dead Acer Saccharum tagus grandifolia Sassafras albour Sassafras albidum Carpinous caroliniana Quereus Fraxinus pennsillyanica arpinus Carollinu Carpinus Caroline illa americana arpinus carolinian MOSA MU/H flord Project Label: rubra 2 ara voucher# 四 财 تنا # sterns 0-1.4m or super % sub Project Name: 02 WC 2015 shrub size class (cm) woody stems >1.4m <u>^</u> 1-<2.5 2.5-45 Plot No. 3068 5-<10 10-<15 15 - <20 20 - <25 Page: 2 10 25 - <30 C 30 - <35 (Cleveland Metroparks 35 - <40 ಕ 4.0 >40 (record each tree)



Woody Stem Deer Browse

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

Record using the tally system from 1 to















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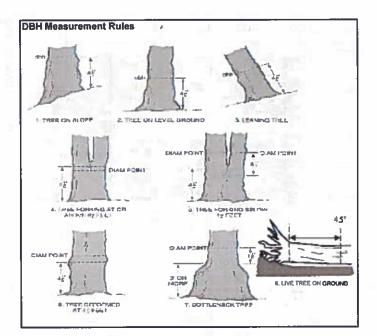
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CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

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Woody Stem Deer Browse

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

Record using the tally system from 1 to 1













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- 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.
- Dleback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.
- 5. Dead canopy: No leaves remain in the canopy portion of the tree. It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.



В

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ASH CANOPY BREAKUP CONDITION (for dead trees):

(if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition rank as described below)

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

2010 measured Toby in 2015 10 Hamamelis virginiana traxinuspennsulvanica Standing duad Explain subsample (additional room on back) Sassafras albidum Willerus rubra Acter rabrum Fagus grandificion Hirroderphan tuliquitera Kosa multiflora utis riperia ornus florida rubrum voucher# # stems 0-1.4m % sub or super Project Name: 02WC 245 shrub size class (cm) woody stems > 1.4m a 1 1-<2.5 .. • 2.5-<5 10 ** 5-<10 10-<15 00 15 - < 20 20 - <25 25 - < 30 30 - <35 35 - <40 6 86.4 4.4 >40 (record each tree)

NA RICCOLL

CLEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet

Plot No. 3668

Page: 4

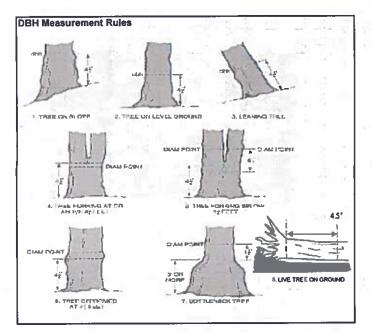
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Cleveland Metroparks

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Project Label:

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Woody Stem Deer Browse

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

Record using the tally system from 1 to 10















ASH CANOPY CONDITION

- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.
- 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.
- Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead.
- 5. Dead canopy: No leaves remain in the canopy portion of the tree. It still counts as a 5 even if there are epicormic sprouts below the canopy (lowest branch) on the trunk.



В

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

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

CLEVELAND METROPARKS Emerald Ash Borer - Fraxinus Sheet Project Name: 02-WC2015

Project Label: PCAP

Page: 1 of 2

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25	2	23	22	21	20	5	a	17	6	5	4	3	25	=	ō	Ф	60	7	œ.	თ	4	ω	2	-	io.	
																								No ash	Species	
1				_	- 1		- 6			Lair															Dead	
F																						二		(0)	n	1
				H									21	-											Voucher#	
														u I						T					(cm)	
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																								Ī	*Dead condition	
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										4															holes present	Univ
																									holes	
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				Map all ash trees ≥10cm in each module using Tree ID number					2						•			*** Change intensive module numbers when necessary			K	~)			
				ing Tree ID number					.									hen necessary								

Tier 1: Early deta	tion/ Rapid response		Pre	sence		GPS	l
		NE	SE	SW	NW		Presenc
Microstegium vimineum	Japanese stiltgrass			1		41.37825 81.6932	X: yes
Ranunculus ficaria	Lesser Celandine	1	22				
Cynanchum louiseae	vine) Black Swallow-wort]
Butomus umbellatus (we	land) Flowering Rush]
Heracleum mantegazzianum	Giant Hogweed]
	ess as Needed		# of	Plants		comments	
		NE	SE	SW	NW		# of Pla
Acer platanoides	Norway Maple						1: 1-1
Ailanthus altissima	Tree of Heaven			,			2: 11-5
onicera japonica (rine) Japanese Honeysuckle						3: 51-1
ythrum salicaria (wet	and) Purple Loosestrife					***	4: 101-:
Aegopodium podagraria (G-c	over) Bishop's Goutweed				1		5: >1,0
	vine) Asian Bittersweet						
Torilis sp.	Hedgeparsley						
Conium maculatum	Poison Hemlock						14
Rhamnus cathartica	Common Buckthorn (sh	hrub)]
Berberis thunbergii	Japanese Barberry (si	hrub)					Ĭ
Alnus glutinosa	European Alder					,	
Dipsacus laciniatus	Cut-leaf Teasel						1
Elaeagnus umbellata	Autumn Olive (sh	nrub)					1
Lonicera maackii		nrub)					1
Euonymus fortunei	Wintercreeper						1
	nce is of Interest	0.00	# of	Plants		comments	
		NE		sw	NW		# of Pla
Convallaria majalis (G-c	over) Lily of the Valley						1: 1-1
	over) Crown Vetch						2: 11-5
Eleutherococcus pentaphylius	Five-leaf Aralia (sh	rub)					3: 51-1
	over) Japanese Pachysandra			\top			4: 101-1
Philadelphus coronarius		hrub)		1			5: >1,0
	over) Lungwort						
Rubus phoenicolasius	Wineberry						
	land) Yellow Flag Iris						ş
Ornithogalum umbellatum	Star of Bethlehem						Š
Viburnum opulus var. opulus		rub)					
Viburnum plicatum		nrub)					
	read and abundant		Pre	sence		comments	
		NE	SE	SW	NW		# of Pla
Alliaria petiolata	Garlic Mustard		1				1: 1-1
Ligustrum vulgare		rub)	1	\top			2: 11-5
L. morrowii, L. tatarica		rub)	\neg				3: 51-
Phalaris arundinacea	Reed Canarygrass			1			4: 101-:
Phragmites australis (wetl							5: >1,
Polygonum cuspidatum	Japanese Knotweed						1
Frangula alnus		rub)	1	1	1		
Rosa multiflora		rub)		1	1		1
Typha angustifolia, T. x.glauca	Cattails (wetland)	,		+′-	1		1
Cirsium arvense	Canada thistle		\dashv	\top			1
Dipsacus fullonum	Common Teasel						1
DIPOGGG IGNORALI	Common reaser						-
Hesperis matronalis	Dame's Rocket						

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

<u> </u>	9	œ	7	6	ر ن	4	ω	2	_	mod #		
) II						NO diseases present	species		Project Label: PCAP Project Name: 02-WC2O15 Plot No.:
									Nen	voucher#]
									#	shrub clumps	#	PCAP
										6 -	size class (cm) woody stems >1m	Projec
										2 1-<2.5	n) wood)	t Name
										3 2.5-<5	stems >1	02V
				A ***						5-<10	3	VC26
										5 6 10-<15 15-		515
										6 15 - <20		Plot No.
										7 20 - <25		Project Name: 12 WCZU15 Plot No.: 3668
										8 25 - <30		89
										9 30 - <35		Page:
										10 35 - <40		0
										7 8 9 10 11 11 20 20 - <25 25 - <30 30 - <35 35 - <40 >40 (record each tree)		Cieveland Metroparks

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

Strata	# of stem	em Severity d (H,M, or L)	* Write None Present if no evidence:	
Tree (size class 3 or above)			None Beech (Fungus)	Asian Longhorned Beetl
(size class 2 or below including shrub clumps)			Hemlock (HWA)	Other Pest or Pathogen

Walnut (Thousand Canker)

Low = Only a few leaves or branches are exhibiting symptoms	Medium = Less than 50% of leaf/needle cover exhibiting symptoms	High = more than 50% of leat/needle cover exhibiting symptoms	Severity
	toms	SI	9 186 15

CLASSIFICATION		
(FIT = excellent, g Fit and Confidence		
Hydroecomorabic class (WETLANDS ONLY):		
O DEPRESSION	Fig.	Conf.
a IMPOUNDMENT a Beaver o Human	7	Conf=
o RIVERINE o Headwater o Mainstern o Channel	ET.	Conf-
EI SLOPE (ground water by drology or on a physical sloph	F	Conf.
o FRINGING o Reservoir o Natural Lake	F	Conf=
to COASTAL (specify subclass)	Fife	Conf*
a BOG (strangly, moderately, weekly ombrotrophic)	File	Conf
Ohio EPA VIBI Plant Community Class (WETLANDS ONLY):	KTI.	
a FOREST a swamp forest a bog forest a forest seep	Fig.	Conf-
n EMERGENT o marsh o wet meadow o open bog	File	Conf.
to SHRUB to should awarene to tall sh, bog to tall sh, fen	Film	Conf.

CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface
Project Label: PCAP Project Name: 02-WC 2015

Plot No.:

Olevel and Webspark

Page: 1 of 1

B C? Comer Comer Comer Comer Comer Comer	C71 Comme Comme		3	<		200	>	<	,	1	9
Hothers Board Confidence C77 Corner Corner	C7 Corner Content Histograms and Expensions Fire Content Conte)	3		3		9	۵		2
Acade 8 C7 Corner Corner Corner	CC Connet Connet Hetrogeometric data (WETLANDS ONLD): Herrogeometric data (WETLANDS ONLD):		2	0		0	A	0	C	1	8
Abothe 8 C7 Comer Consur Richestensenable, dear File and Confidence Richestensenable, dear CHETLANDS ONLAD: G DEPRESSION G DEVENUE of Deaver of Human G REVENUE of Deaver of Deaver of Human G REVENUE of Deaver of Human G REVENUE of Deaver of Dea	CC Corner Corner Corner Corner Cor	+	, ,	<	5	-	-				-
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Accided 8 C27 Corner Corner Httd://www.marchic.das.et/W.TTLANDS.ONL.75: DEPRESSION ONFOUNDMENT of Beaver or Harran Fire	C7 Come Co		depth 1	depth 1	depth I	depth I	depth I	depth 2	depth 3		
Include 8 CC? Commer Commer Historescensorable data (WETLANDS ONLD): DEPRESSION DEPRESS	C?? Corner Conner Hardroccomerable: data (WETLANDS ONLY): DEPRESSION DEPRES							uplands (Tip-Ups)			
Alcohole 8 CC? Corner Corner Hardcrossmannish class (WETLANDS ONLY): File Corle Corner	C7 Comer Comer Comer Hetraexomerable class (WETLANDS ONLY):		interspen	¥8 cm	(12-40cm)	(2-12 cm)	depressions	hummocks	tussocks		
C7 Corner Corner Control Hetrocessmernisk class (WETLANDS ONLA); Control	C? Corner Corner Hrdracesmerible deas (NETLANDS ONLY): Fir Conf	I Park	microhat	CMA	c.w.d	C.W.d	no, macro.	no. of	no of		
C? Corner Cor	Corner Corner Corner Corner Corner Corner	Conf.	TT	(Orest seep 3 open bog 3 tall sh. fen	Cessmunity Class rest a bog forest a met meadow o p a tall sh. bog o	This EPA VIBITIANT! FOREST = swamp for EMERGENT = marsh SHRUB = shrub swam					
C? Corner Corner Hydroecomerphic data (WEITLANDS ONLY): DEPRESSION O IMPOUNDMENT O Beaver o Human ORIVERINE of Headwater o Mainstein o Channel SLOPE (ground water by deology or on a physical slop) Fit = O FRINGING or Reservoir or Natural Lake Fit = O COASTAL (appecify subclass)	Corner Corner Corner Corner Corner Confidence Confidence	Conf [®]		wotrophic	aiely, weekly omb	BOG (strangly, modes	Ī				
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# C7 Corner Corner #rifroecomorphic dass (WETLANDS ONLY): G DEPRESSION Fit-	Corner Corner (FIT = coordinat. g Fit and Confidence Hydroecomerable class (WETLANDS ONLY): a DEPRESSION Fit=	Conf.	ı		Beaver o Human	I IMPOUNDMENT O					
C? Corner Corner Hydroexomernikk class (WETLANDS ONLY):	Corner Corner (FIT = executent, g Fit and Confidence Hirdroccomorphic class (WETLANDS ONLY):	Conf.	1		i	DEPRESSION	n				
C7 Corner Corner	Corner Corner			SATING	LIWETTANDS (transcomerahic class	<u> </u>				
					Confidence	FIT = excellent, g Fit and					dule #
					;						

FILLED OUT USING DIS PROGRAM - DO NOT FILL OUT IN FIELD] McNAB INDICES (degrees) + for up - for down Landform Index (position within landscape) Terrain Shape Index (sta microtopographic shape) +315 degrees +225 degrees + i (10) degrees +135 degrees +45 degrees +270 degrees +90 degrees At aspec N. 8 WS 뚩 angle from recorders eye to eye of person local slopes. For LFI is angle of piot to the horizon. TSI is standing ~10 m

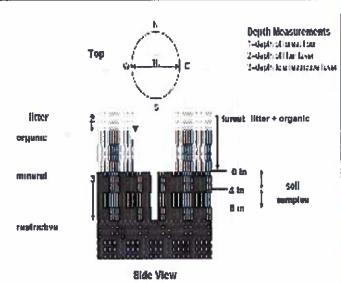
CROWN COVER (DENSIOMETER) Make 4 readings per module facing N. S. E. W. Place dol count corresponding space. (4 dots per grid square) Module رو 0 0 O 0 C Æ

α	/ER	DV	CT	DA"	FA.
~~1	ren.	-		na.	m

STRATUM	GENERAL FORM
Tree (generally >5 m)	Tree (overstory), very tall shrubs", liane, epiphyte)
Shrub (generally 0,5 to 5 m)	Tree (sapling), shrub, liana, epiphyte)
Herb (Field)	Herb, dwarf-shrub**, tree (seedling***)
Floating	Floating
Aquatic (submerged)	Submerged

"Very tall shrubs are sometimes included in the tree stratum

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



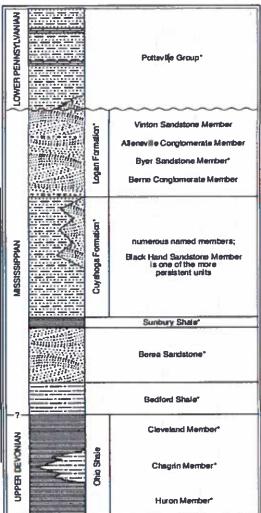


FIGURE 3-20.—Generalized section of Upper Devoman, Aintisenpusa, and Lower Pennsylvanian formations in northeastern Ohio. Asteriaks indicate units that are feasible rous. This composite section represents about 400 meters of rock exposed arrows the area. The section is not to scale, but the thicknesses indicated are proparitional. The term "Waverly" is used in the older literature to refer to Mississippian rocks in Ohio. Some geologists use the European nerm "Carboniferum," which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many until have been named within the Cuyahoga Formation, but most unit are local and cannot be traced over great distances. The Black Hand Member is a spectacular missive sandsume that is fairly widespread but discontinuous See Hyde (1953), Horver (1960), and Colins (1978) for more information on Mississippian rocks in Ohio. See figure 3-18 for explanation of rock types.

[&]quot;Can also include seedlings of shrubs, i.e. all shrubs <0.5m

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet 6a
Project label: PCAP Project Name: 02 W C 20 15
Project label: PCAP Project Name: 02 W C 20 15

(E) Calcinelland Methoparics

Page: 1 of 1

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

Soil pit module # ____ (one per entire plot)

						20 cm							6 cm
hydro, cond ***	redox features**	texture*	oxid roots	%montle	mottle color	matrix color	hydr. cond.***	redex features**	texture*	oxid roots	%moule	mottle color	matrix color
S	Y		~				1 5	<		~		ľ	
M	z		z				2	z		z			l

refer to texture classes on reverse tide

** e.g. hydrogen sulfide odor, gleying, etc. ** Circle one:

■indundated S=saturated M=moist D=dry Notes: include evidence of earthworms (worms. astings, middens)

2-11 widence

8 - castings eviden 3 - vastings evidence

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

© Excessively dr. © Somewhat excessively © Well drained © Moderately well dr. © Somewhat poorly dr. © Very poorly dr. © Impermeable surface	Parent Material: DRAITAGE:	Landform type: Depth to rest. Layer:	Soil Series Source: Ohio Soil Survey	Web Sull Survey Informations	2,3,8,9 composited A
---	-------------------------------	--------------------------------------	--------------------------------------	------------------------------	----------------------

	200
-	SOIL DEPTH MEASUREMENT: Measure to the nearest 0.1 cm in center of intensive modules. If >30.5 cm, record as >30
-	8 5 E
	성별코
	약동
	ASC in ASC
	en Re
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	₹ N
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	× 6
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	5 2
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record as >30	15 >30			
mode	1 litter+ organic depth (em)	2 litter depth (cm)	water depth (cm)	depth sat
છ	0/3	6.0		
w		1.1		
80	0-9	6.0		
10	1.2	1.1		

EARTH SURFACE & GROUND COVER	CE & GROU	IND COVER	-
Underlying Earth Surface*	Surface*	Ground Cover	
(Shart - 100%)	percent	(Each < 100%)	percent
Histosol	1	Coarse Woody Debris***	w
Mineral Soil	100	Fine Woody Debris****	
Gravel-Cobble*	0	Litter	85
Boulder**	0	Duff (Ferm.+ Humus)	1
Bedrock	0	Boyophyte- Lichen	2
• Gravel-Cobble = 1/16-10*	1/16-10"	Waler	0
**Boulder => 10 in	5	Bare Soil	
••• >5 cm m diameter	eter	RoadTrail	
		Other	4-12

a Bridle a Hiking sanctioned

All Purpose

ecord type and cover for each FRAIL INFORMATION

%Cover

- Cootleg unsanctioned

0

Gravel

(Aquatic)*	(Floating)*	Herb	Shrub	Time	Strata	estimate us
•			-		Height Range (m)	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13
0	0	18	83	93	Total Cowr (%)	ex:3, 8, 13

STAND SIZE 10 > 600 x plot size 10 > 100 x plot size	
a 3-10 x plot size	
o 1-3 x plot size	
o < plot size	

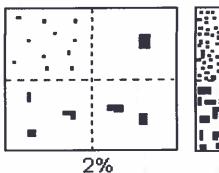
o < plot size	o 1-3 x plot size	a 3-10 x plot size	10-100 x plot size	o > 100 x plot size	□ >600 x plot size	STAND SIZE
100				_		_

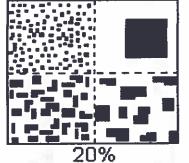
SEE BACK OF PAGE FOR "TYPICAL"STRATA
DESCRIPTIONS. STRATA CAN VARY BY COVER TYPE.

submersed, most plant mass below surface



Class	C	ode	Criteria: % of
4	Conv.	NASIS	Surface Area Covered
Few	ſ	#	< 2
Common	l c	#	2 to < 20
Many	m	#	≥ 20





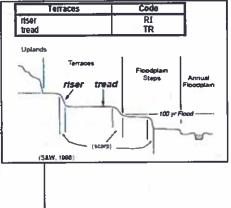
SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper, the sample should be wet enough that all of the particles are saturated but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

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

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

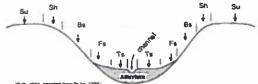
e.g., (for Hills) nose slope or NS.

J		PDP	NASIS		
i	interfluve head slope nose slope	IF HS NS	IF HS NS		
	side slope base slope	SS 	SS BS		
		Head		1	
		971.	1/19	/	
-		Nose			L
	Alexand	slape		1	
-	higher	Onder streeth	96; adapted from	Rune, 1975	S):



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

summit	SU
shoulder	SH
backslope	BS
footslope toeslope	FS
toosione	TS



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

UPLAND: Not a wetland. Very rarely flooded.

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

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

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

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

INTERMITTENTLY FLOODED: Substrate is usually exposed, but surface water can be present for variable periods without detectable seasonal periodicity. Inundation is not predictable to a given season and is dependent upon highly localized rain storms. This modifier was developed for use in the arid West for water regimes of Playa lakes, intermittent streams, and dry washes but can be used in other parts of the U.S. where appropriate. This modifier can be applied to both wetland and non-wetland situations. Equivalent to Cowardin's Intermittently Flooded modifier.

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

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

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

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Giant Salvinia	0	0	0	Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0	Giant Reed	0	0	0	_	Himalayan Blackberry	0	0	0	}
Poison Hemlock	0	0	0	Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0	Reed Canary Grass	0	0	0		Other:	0	0	0	
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Trash	an Luis y			0	0	0		Impervious (SHEETFLOW	surface			0	0	0		Gravel Pit		10		0	0	0	
Other:				0	0	0		Other:	THE YEAR			0	0	0		Irrigation				0	0	0	
Other:			1000	0	0	0		Other:				0	0	0		Other:				0	0	0	
Indu	strial De	evelo	opmo	ent S	tres	SOL	5	18, 4	Soul	ni.	100	1	labit	tat/V	egetat	ion Stress	ors	33					
Fill bubble	if prese	ent - I	Plot	1	2	3	Flag	Fill bubble	if preser	nt - F	lot	1	2	3	Flag	Fill bubbl	le if presi	ent - l	Plot	1	2	3	Flag
Oil Drilling		ů))		0	0	0		Forest Clea	Cut	20000		0	0	0		Herbicide U	se			0	0	0	
Gas Wells				0	0	0		Forest Sele	tive Cut			0	0	0		Mowing/Shr	ub Cutting	3		0	0	0	
Mine (surf	ace)			0	0	0		Tree Plantai	ion			0	0	0		Trails				0	0	0	
Mine (und	erground)	on i	0	0	0		Tree Canop	y Herbivo	ry	ab	0	0	0		Soil Compa			III	0	0	0	
Military		**		0	0	0		Shrub Layer	Browser	1		0	0	0		Offroad vehi	12 (100)	ge		0	0	0	
Other:		-		0	0	0		Highly Graze	ed Grass	es		0	0	О		Soll erosion OR OVERUSE)		ID, WA	TER,	0	9	8	
Other:	101			0	0	0		Recently Bu Canopy		est	JUST	0	0	0		Other:				0	0	0	
Other:			7	0	0	0		Recently Bu	med Gra	sslan	d	0	0	0		Other:				0	0	0	
1 1 1 2 2	ag codes: uffer Sam		-		ment /27/2	Expl	, U = S								gned by	each field cn	ew.		2428		-	T	

• FO	RM	B-1	l: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TE) ALI	EN SPECIES (Back) Reviewed by	y (Initia	I):		
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Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Glant Salvinia	0	0	0		Perennial Pepperweed	0	0	0	- 3	Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0	4	Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
	7									Other:	0	0	0	
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Buffer Sample F	oint	s - Ta	rgete	d Alier	Species 05/27/2011					796	5662	354	8	•

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Site	ID:	3	ماء	ď	Mc	SP		KWI D-1.	DUFF	ER	JAI	WIF L	EF	LU		:_0,7					al-otermina		
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CDAA!	Center	C	N	0	S	01	€ 0	W	OP	lot	1	0	Plot	2	OF	lot 3							
Fill in bubble Strata Secti	es for all th lon: Fill in a	at ap	ply: C priate	enopy cover	Type: class	D = C bubble	eciduou for eac	s; E = Evergr h strata type f	Buffer en. Leaf T or each plo	ype: (3 = Br	oadles	f; N =	Needl	e Leaf. A	Absent: No tre oderate(10-40	e canopy. %); 3 = Hea	vy (40	-75%)	4 = V	ery H	eavy ((>75%)
Buffer	Canopy	/ Тур	e: () () A	bsen	t: O	Buffer	Canopy	у Тур	e: (0) AI	bsen	t: O	Buffer	Сапору	Туре	e: (0)	0	At	sent	0
Plot 1	Lea	f Typ	e: () (7		Flag	Plot 2	Lea	f Typ	e: C	5 0	5	-	Flag	Plot 3	Leaf	Туре	a: 🛈	0			Flag
Big Trees (>0.3m DBH)	0	1	0	0	0		Big Trees (-0.3m DBH)	0	0	0	0	0		Big Trees	(>0.3m DBH)	0	0	0	0	0	
Small Trees (<0.3m DBH)	0	O	0	0	0	T. No.	Small Trees	<0.3m DBH)	0	0	0	0	0		Small Trees	(<0,3m DBH)	0	0	0	0	0	
Woody Shrub: (0.5m	s, Saplings r5m HIGH)	0	0	0	9	0		Woody Shrub (0.5n	s, Saplings 1-5m HIGH)	0	0	0	0	0			ubs, Saplings im-5m HIGH)	0	0	0	0	0	-
Woody Shrub		6	0	0	0	0		Woody Shrut	s, Saplings 5.5m HIGH)	0	0	0	0	0			ibs, Saplings <0.5m HIGH)	O	0	0	0	0	
Herbs, f	orbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	0	0	0	0	Ō	-	Herbs	Forbs and Grasses	0	0	0	0	0	
Bare	ground	0	1	0	0	0		Ban	ground	0	0	0	0	0	-	Ba	re ground	0	0	0	0	0	
Lif	ter, duff	0	0	0	0	(3)	-	Łi	tter, duff	0	0	0	0	0			litter, duff	0	0	0	0	0	
	Rock	@	0	0	0	0			Rock	0	0	0	0	0			Rock	Ō	Ō	0	0	0	800
	Water	(1)	Ō	0	Ō	Ō			Water	0	Ō	0	0	0			Water	Ō	Ō	Ō	0	Ō	
	ubmerged /egetation	0	O	0	Ō	Ō			ubmerged /egetation	Ō	Ö	0	0	Ō			Submerged Vegetation	Ö	Ō	Ō	0	Ō	
			e/At	sen	_	_	rm that	a filled data			tes p		ce an	d an	unfilled	bubble indi		_	by fill	ng thi	s bu	oble.	0
Res	idential	and	Urb	an S	tres	sors			Hydrolo	gy S	Stres	sore					Agriculti	ural i	& Ru	ral S	tres	SOF	
Fill bubble	e if prese	ent -	Plot	1	2	3	Flag	Fill bubbl	e if prese	ent -	Plot	1	2	3	Flag	Fill bubbl	e if preser	nt - Pl	lot	1	2	3	Flag
Road - gr	avel			0	О	0		Ditches, C	hanneliza	ation		0	0	0		Pasture/Ha	ay			0	0	0	
Road - tw	o lane		2	lo	Ō	O	7s: 11	Dike/Dam		Bed		0	0	O	- 18	Range	0.072			0	0	0	
Road - fo	ur lane			О	0	0		Water Lev		4 Str	eture	9 0	0	0		Row Crops	;			0	0	0	
Parking L	ol/Paven	nent		0	0	0		Excavatio	ı, Dredgir	ng		0	0	0		Fallow Fie	d (RECENT-	RESTI	NG	0	0	0	
Golf Cour	'56			0	0	0		Fili/Spoil E	1.000			0	0	0		Fallow Fie		ASS,		0	0	0	A.J.
Lawn/Par	k			0	0	0	2	Freshly Di	The state of the s	Sedir	nent	0	0	0		Nursery			ЩŮ,	0	0	0	
Suburban	Residen	tial		0	0	_		Soil Loss/	Root Exp	osure	•	0	0	0		Dairy				0	0	0	
Urban/Mu	ltifamily			0	0	0		Wall/Ripra	р	N 1 6050		0	0	0		Orchard				0	0	0	
Landfill			7629	0	0	0		Inlets, Ou				0	0	0		Confined A		ding		0	0	0	
Dumping				0	0	0	- "	Point Sou (EFFLUENT	OR STORM			0	0	0		Rural Resi	dential			0	0	0	
Trash				0	0	_		(SHEETFLO	V)(V	10-1	_	0	0	0		Gravel Pit				0	0	0	
Other:				10	0	0	12	Other:		_	_	10	0	0		Irrigation				0	0	0	
Other:				0	0	1000		Other:				0	0	0		Other:				0	0	0	
Indu	strial D	evel	орп	ent	Stre	ssor	6					_	Habi	tat/V		tion Stres	SOFS						
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Oil Drilling	9			10	0	0		Forest Clea	r Cut			0	0	0		Herbicide (Jse			0	0	0	
Gas Well	s			0	0	0		Forest Sele	ctive Cut			0	0	0		Mowing/Sh	rub Cutting	9		0	0	0	_
Mine (sur	face)			0	0	0		Tree Plants				0	0	0		Trails				9	0	0	
Mine (und	derground	i)		0	0	0	,	Tree Cano	y Herbiv	огу		0	0	0		Soil Compa (ANIMAL OR I	action (UMAN)			9	0	0	
Military		irts	A.o.	0	0	0		Shrub Laye		d		0	0	0	~	Offroad vel	hicle dama	ge		0	0	0	
Other:				0	0	0		Highly Grad	ed Grass	ses		0	0	0		Soil erosion		ND, WA	TER.	0	0	0	
Other:				0	0	0		Recently B Canopy		rest		0	0	0		Other:				0	0	0	
Other:				o	o			Recently B	urned Gra	assia	nd	ō	0	0	-	Other:				0	0	0	
Cuici.																							

Q Confirm	a fille	d da	ta bu	ıbble i	ndicates presence and an unf	illed t	ubbl	e Inc	licates	absence by filling in this bubi	ole		- 11	1000
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0	1	Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	-
Poison Hemiock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0	-	Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	:
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location of the plot coordinat	es by	filling	in ti	he appr	ropriate bubble.					or the Buffer Plot at the AA CEN				
iocation of the plot coordinate if Buffer Plot 3 can not be ac Plots are centered on the Buffag box, and describe where either placed as close to the Location of coordinate AA CENTER ON	cessores by cessores the center center tes (c	filling ed, ta ranse coordi er of F choo	ke thects in the line tests in	he apprime coomend the s were 3 as pos	dinates at the nearest practicable coordinates will indicate the locate taken and why in the comment assible or at the center of the las	le loca cation section t acce	of the on belongitud	ALON tran ow. T Buff ocatio	NG THE sect. F The coo fer Plot on (flag	TRANSECT. This is important ill in the "nearest practicable loc	becau ation" ole loc	ise a	I Buf de, fi can	fer III in the
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05/27/2011

Buffer Sample Points - Targeted Alien Species

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Site	ID:	01	68	1	1.0	0										100000			-	-	1 4		
Locat	-	20	كمك	V	VC	01	10		Tem	lin b	uchk	lo/e	lif n	lot/s		ild not be					<u>_</u>	<u> </u>	<u> </u>
	ion: Center		N	0		01		W	THE RESIDENCE TO	Plot) II p Plot	2000	h-Californ	lot 3	s sample	u a	mu i	ray .			
UAA	Califer	-) IN		3	U,	- 0		Buffer			-		-		IOL 3		_	100	Was -		_	_
Fill in bubb	les for all th	nat ap	ply: Ca	anopy	Type:	D = E	eciduou	s; E = Evergr	een. Leaf T	ype: E	3 = Bn Abser	padlea	f; N = Sparse	Needk	e Leaf. A %): 2=M	bsent: No tre derate(10-40	e canopy.	w (40	1-75%	\. 4 = \	/erv H	eavy (>75%1
	_		_				_								_				-			sent	_
Buffer Plot 1	Canopy	f Typ	$\overline{}$	=	_	bsen	Flag	Buffer Plot 2	Canop	y iye if Typ	_		\leftarrow	oseni	Flag	Buffer Plot 3	Canopy		e. (E		_		
Bio Trees (>0.3m DBH)	<u> </u>	0	0	0	0	riag	Big Trees (10		0	6	0	riag	Rin Trees	(>0.3m DBH)	0	0	0		0	Flag
Small Trees		 	<u></u>	0	0	0		Small Trees		1	Ö	®	ŏ	ŏ		Small Trees		 	0	@	ŏ	ð	
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	0.5m HIGH) Forbs and	0	0	0	0	0			0.5m HIGH) Forbs and	0	0	0	<u></u>	6	1		<0.5m HIGH) , Forbs and	0	0	0	0	ŏ	
Dan	Grasses e ground	0	<u> </u>	0	0	0		Par	Grasses	0	6		0	0		Ba	Grasses re ground	0	0	0	0	0	
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Road - fo				0	0	0	-	Water Lev			Clure	1 9	0	0		Row Crops Fallow Fie		RESTI	NG	0	0	의	
Edwarms -	.ot/Paven	nent	_	6	0	0		Excavation Fill/Spoil 6		ng		0	0	0		ROW CROP FIE	LD)			0	0	0	
Golf Cou			_	0	16	0		Freshly D	eposited :	Sedin	nent	0	0			SHRUBS TR Nursery	EES)	- Marie		0	0	0	
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Mine (un	derground	3)	_	0	0	0		(INSECT) Shrub Laye		_		0	0	0		(ANIMAL OR I	IUMAN)			Á	•	0	
Military				0	0	0		WILD OR DO	MESTIC)			9	0	0		Offroad vel			TEP	0	0	0	
Other:				0	0	0		(OVERALL <3	HIGH)			0	0	0		OR OVERUSE	Conc. To Section 19 to Section	, **/		0	0	0	
Other:				0	0	0		Recently B Canopy				0	0	0		Other:				0	0	0	
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FO	RM	B-1	: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEC	ALI	EN SPECIES (Back) Reviewed by	(initial):		
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☆ Confirm	a fille	ed da	ta bı	ibble li	ndicates presence and an unf	Illed I	bubb	e ind	licates	absence by filling in this bubi	ole			
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Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0	63	Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
	11									Other:	0	0	0	
					PLOT COOR	DINA	TES	3					1113	
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Site	ID: 📑	KA	08	l	AC.	BY	W								DAT	E: <u>07</u>	130	1	2	0	1 5	5	
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OAA	Center	C	N	0	S	0	E C	w	OF	lot	1	0	Plot	2	0	Plot 3	Smyrausa						
Fill in bubble	es for all t	hat ap	ply: C	anopy	Type	D =	Deciduo	us: É ≃ Everno	Buffer een, Leaf 1	Tyne F	3 = Bn	nadles	f M =	Need	le I esf	Absent: No tre loderate(10-40	e canopy	nas (A)	1.75%	· 4 = 1	/op/ b	lonia	/~750/
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Woody Shrub	s, Saplings	 	6	0	0	0	+	Woody Shrub	s, Saplings	-	H	-	-		-		ıbs, Saplings	1	-	=		_	
Woody Shrub			0	2	0	10		(0.5n Woody Shrub	n-5m HIGH) s, Saplings	1	0	0	6	0		(0.5	im-5m HIGH) bs, Saplings	2	$\overset{\circ}{\circ}$	$\frac{\odot}{\odot}$	0	0	10000
).5m H(GH) Forbs and	1	6	0	0	0	+).5m HIGH) Forbs and	1 -	0	0	0	0		(•	0.5m HIGH) Forbs and	빙	0	<u>0</u>	\odot	\odot	- "
Ram	Grasses ground	0	0	(1)	1=	+=	+	Dow	Grasses		②	0	0	0			Grasses	빌	0	0	0	\odot	-
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	Rock	0	0	0	0	O	_		Rock	0	\odot	0	0	0	_		Rock	<u> </u>	0	0	0	0	
	Water	0	0	0	0	<u>C</u>	1		Water	0	0	0	0	0	ļ .		Water	0	0	0	0	0	
V	egetation/		$ \Theta $	0	$ \Theta $	$ \Theta $			ubmerged egetation	_	0	0	0	0			Submerged Vegetation		0	0	0	0	
Stress	or Pres	senc	e/Ab	send	ce - I	Coni	irm that	a filled data	bubble i	ndica	tes pi	esen	ce an	d an	unfilled	l bubble indic	ates abse	nce l	by filli	ng thi	s but	ble.	•
Resi	dential	and	Urb	an S	tres	sors	5	1100	Hydrolo	gy S	tres	sors					Agricult	ural (& Ru	ral S	tres	sors	
Fill bubble	if pres	ent - I	Plot	1	2	3	Flag	Fill bubble	if prese	ent - J	lot	1	2	3	Flag	Fill bubble	if preser	ıt - P	lot	1	2	3	Flag
Road - gra	avel		S Deptity	0	0	0		Ditches, C	THE PERSON NAMED IN			0	0	0		Pasture/Ha	у			0	0	0	
Road - two	o lane			0	0	0		Dike/Dam/ (IMPEDE FLO		Bed		0	0	0		Range				0	0	0	
Road - for	ır lane	53	1 = 1	0	0	0	+	Water Lev	el Contro	Stru	cture	0	0	0		Row Crops				0	0	0	
Parking Lo	ot/Paven	ent		0	0	0		Excavation	, Dredgir	19		0	0	0		Fallow Fiek	2)		4G	0	0	0	
Golf Cours	se			0	0	0		Fill/Spoil B	policina de la companya de la compan			0	0	0		Fallow Field (OLD - GRASS, SHRUBS, TREES)				0	0	0	
Lawn/Park				0	0	0	ļ	Freshly De	ED)		ient	0	0	0	· I,	Nursery				0	0	0	
Suburban		tial		0	0	0		Soil Loss/F		sure		@		0	7/	Dairy				0	0	0	
Urban/Mul	ltifamily			0	0	0		Wall/Ripra				0	0	0		Orchard				0	0	0	
Landfill				0	0	0	_	Inlets, Out				0	0	0		Confined A		ding		0	0	0	
Dumping				0	0	0		(EFFLUENT C	R STORMY			0	0	0		Rural Resid	ential		4	0	0	0	1
Trash				0	0	0	-	(SHEETFLOW		прос		0	0	0		Gravel Pit			4	0	0	0	
Other: _				0	0	0		Other:			- 1	0	0	0		Irrigation				0	0	0	
Other:	strial D	evelo	opmo	O ent S	O	O	The second	Other:	77.77	75		0	O	O at/V	egeta	Other:	OFR		a Ta	0	0	0	
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Oil Drilling				0	0	0		Forest Clear	3000			0	0	0	-148			311.21	101	o	0	0	· lag
Gas Wells				0	0	0		Forest Selec			TILL	0	0	0		Herbicide U	A section in			-	hallman.		
Mine (surfa					0	phone.		100	7.0							Mowing/Shr	uo Cutung		+		0	0	
Mine (unde	Victor I	_		0	=	0		Tree Plantal Tree Canop		rv	-	0	0	0		Trails Soil Compa	ction			0	0	0	
	sigiouia	'		0	0	0		(INSECT) Shrub Layer		No.		0	0	0		(ANIMAL OR HI	MAN)			0	0	0	
Military			118	0	0	0		(WILD OR DOM Highly Graz	ESTIC)	SI.		0	0	0		Offroad vehi Soil erosion		,415	TEP I	이	0	0	
Other:				0	0	0		(OVERALL <↑) Recently Bu	HGH)		191	0	0	0		OR OVERUSE)	(LACTAN MINE	u, WA	ER	0	0	0	
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● Fla	g codes:	K=N	lo me	esure	ment	made	a, U=Si laipail fi	uspect measu ags in comm	rement.,	F1,F2	etc.	misc k of	. flag:	888i	gned by	each field cn	rw.	2	428	168	304	1	
Bu	iffer San	nple P	lots	05/	/27/2	011												11			11 10		

(Confir	n a fille	ed da	ta bı	ubble in	ndicates presence and an unf	illed t	ubbi	e ind	icates	absence by filling in this bubl	ole			94
Fill bubble if present - Plo	t 1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	9	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
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location of the plot coordin	etes by	filling ed. ta	j in ti ke th	ne appn	opriate bubble. linales at the nearest practicab	e loca	tion A	LON	IG THE	or the Buffer Plot at the AA CEN	becau	se a	ll Buff	ler -
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