



CLEVELAND METROPARKS Plant Community Assessment Program: Quality Control Form Project Label: PCAP Plot No: 1360 Date Sampled: 81113 Lead: 550

				Da	ite Sampled:	8/1/13	Lead:
Parking/Access outside of Park Bound				150			
Field journals completed	aries:	Y	ND	If yes with	mment requir	ed if item answe	r is NO
Site sketch made on 1:3000 map?		(Ý)	N	If yes, write deta	ails in Comme	ents section belo	w
		(X)	N	 			
and Dearing	of plot recorded	(8)	N				
GPS coords Rec	orded	N	N				
North direction r	ccorded	Y	N ·				
Photographs take Plot No Date agreement on all pages?	n?	(Y)	N				
reader data completed all pages?		0	N				
Cover classes recorded in all Intensive me		(Ÿ)	N				
By Species	dules	(Y)	V				
Woody stem quality control check		Ŷì	,				
Invasive plant quality control check		Y					
Asn trees mapped		Ŷ N					
Cover by Strata? (confirm cover type)		Y N					
on samples collected with motel.		Y N					
outliers labeled on datasheet with	<u></u>	Ŷ N					
ored on collection bac	ind number	₩ N					
nk nags removed		YN					
ata sheet QA before leaving site?		Y N					
mmon equipment returned to tub		Y N	7				
ta sheets scanned?		YN					
al data sheets scanned?	- 8/	2/13	Enter	date to left	13		
fer Widths measured?			Enter	date to left	15		
Soil Survey		Y) N	33		- 17		
cher Location Refrigerator	- 10	Y) N	BD		12		
uchers collected) Press (#)		N					
C-178 Drier			Enter n	umber to left			
Drier 194 Identified	Y	N		- or to left			
Mounted	Y	N					
Thrown away	Y	N					
	Y	N					

	GRTS point verificat	ion: Is plot sampleable?
	Yes	Original GRTS point is sampleable
all o	□ No	Original GRTS point lands in
ı		Original GRTS point lands in a non-sampleable area (fill in category below) Point falls in a water (c river, lake)
F		Managed moved area (
H		Paved area (i.e. parkinglot road) Unsafe to sample (i.e. steep slope)
A	dditional Comments:	
Γ	comments.	
- 1		



End date (if > 1 day): Plot No.: 1360 ate (mm/dd/yyyy): 08 / 0 / / 2 0 / 3 Plot Name: Down on Straw GENERAL INFORMATION CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet berry Lane roject Name: OINC2013 oject Label: PCAP Catella acerda Level 5 (nested corners sampled) Level 4 (no nested corners sampled) Plot leader Role** Source of coordinates

MAP If data not public why? □ Fuzz 100m □ Fuzz 250m □ Fuzz 500m Check one: Ya Public data Derivate Data Data Confidentiality: Local Place Names: Strawberry Lane Quadrangle andowner: CMP Parking lot LOCATION County: Lake content), Rationale (why here), and Veg Characterization (description of community, NOTES: Include Layout (any unusual shape details). Location (directions and landscape room in Hom mea moured * 10m due to rocky ground. #3 edgy Shrubs come in Ē location of permanent posts (P) Clumburd Mulmparky

00% +there of of 91. Walk along the read about to m. Plot begins Just past the manhole. Veg- Char, Canopy - Nyssa out in the mowed Location: Park at the enhance of Strawberry Layout: 1x4

SAMPLING QUALITY*

ongitude: 81, 43782 Latitude: 41. 58063

PLOT NOT SAMPLED:

o Other

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

(base of plot x=0, y=0)

Datum: ■ NAD83/WGS84 □ NAD27

Other (specify)

■ Lat/Long □ UTM □ StatePlane

deg 🗆 deg min Coord. Units

dominants, strata, BROWSE). Additional notes in space on back.

Coordinate system:

Roles: Ch-leader, Assi., Guide, Owner, Taxonomisi, etc.

Schraufrage Edsenbac

Devino

Nooch

Very thorough Effort Level:

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

Plot size for cover data: GPS File Name: 1360A Coord. Accuracy: om oft

X-axis Bearing of plot:

930

Shrub - that Khamnus frangula and Some Frax. Americana around the arka with Overius palustris, Acer rubnum

Agrostis 3 types of Fescue, and dead Juncus termis and Francila vulgens. Herb-Amultitude of grasses (3 types of

□ Representative

X G&C Pub Date: 1998 72 □ Systematic (grid) □ Capture specific feature □ Other Plot placement: XGRTS □ Random □ Stratified Random □ Transect component Photo Nos.: 2549 Camera No.: CS Intensive modules: 2, 3, 8, 9 1, 2, 3, 4 (EDIT IF MODIFIED)

Minimum required fields in Bold and Underlined TAXONOMIC STANDARD vascul. TAXONOMIC ACCURACY 層 modera. low not smp

*Definitions and values in CM PCAP FOM v. 1.0 and CVS Field Guide

OVER

- Background Data Sheet - Project Name: 01 NC 2013 - Project Name: 01 NC 2013 - Project Name: 01 NC 2013	Human MH 0 (00 moving frash	Fire Cut Animal M.H. 0. 100 horse poop & derr formuse. Other	**[_=low, ML=meu low, M_mod, mag. Current Land Use:	HYDROLOGIC REGIME* Hydrologic Hydrolog	
CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet PCAP PCAP PCAP PCAP PCAP Project Label: DCAP PCAP PCAP PROJECT Name: 01 NC 2013	MODIFIED NATURESERVE CLASS* CODE (on separate form): Fit=Conf=	COMMUNITY NAME: Old Field- Young	HOMOGENEITY □ Homogeneous □ Compositional trend across the plot	#YDROLOGIC RECIME* HYDROLOGIC RECIME* HYDROLOGIC RECIME* HYDROLOGIC RECIME* LHYDROLOGIC RECIME* LHYDROLOGIC RECIME* LHYDROLOGIC RECIME* LHYDROLOGIC RECIME* LHYDROLOGIC RECIME* Litermitting Saturated Intermitting Security Secur	

wary right grn mossardum 2aCM PCAP Species Cover Data sheet Page 1 of x_ver 3.xls.last revised 5/29/2012 ceh Cleveland Metroparks Strata - Cov. entire plot CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Total modules: Project Label: | S | H |(F)|(A)|Br (12 6 9 8 Nyssa sylvatica loxicodendran cadican erastrum vulgatum Lysimachianummuland Acer rubrum Asteracasa sp. eersia Yirainica Prunella Vulganis Juncus tenius LESCULE Sp. Poacaea Sp. #2 Medicago Iupulina Querrus Sp. "Seedling Plantago spirus pacaea sp. therk dicot #1 10 facion roucaea sp schorium intybus laraxatum oficianale Glechomahederacea describe amount of browse per species over Br = Browse Level. Use cover classes to Sp. compo Species entire plot # SAC-184 %unveg. ground (bare soil) %unvegetated open water Intensive modules: ____ 29C-18 intensive module: Estimate for each -215 2HC-180 516-%unveg. litter (bare litter) 17175 11-12-13 Voucher# Project name: VINC 2073 183 182 178 %open water I S 4 CÚ mod \overline{x} W F 314 32 0 cov depth 0 0 cov | depth comer mod comer 43 W I 4 W W 7 上 N w Plot configuration: W ş W 422 S depth 0 12 0. 6 (N W 9 0 comer mod comer (N cov | depth 0 Plot no.: 344 12 N 1×1 8 99 N S depth depth S 6 0 (Vi 3 S cov depth cov | depth 0 (v) S 7 (1) () S S mod camer mod Plot area (ha): 8 VQC U W 7 W 6 W cov depth 0 0 0 cov | depth カーヤ S mod comer V00 depth mod come ş ş

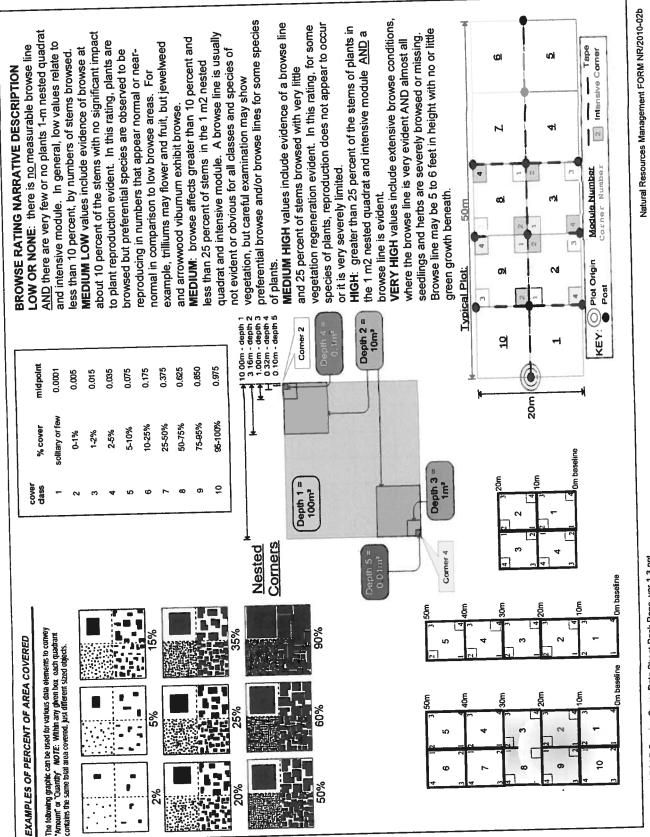
nort lus

rancle onracted

clover

grostis

Natural Resource Management FORM NR/2010-02a



2bCM PCAP Species Cover Data Sheet Back Page_ver 1.3.ppt

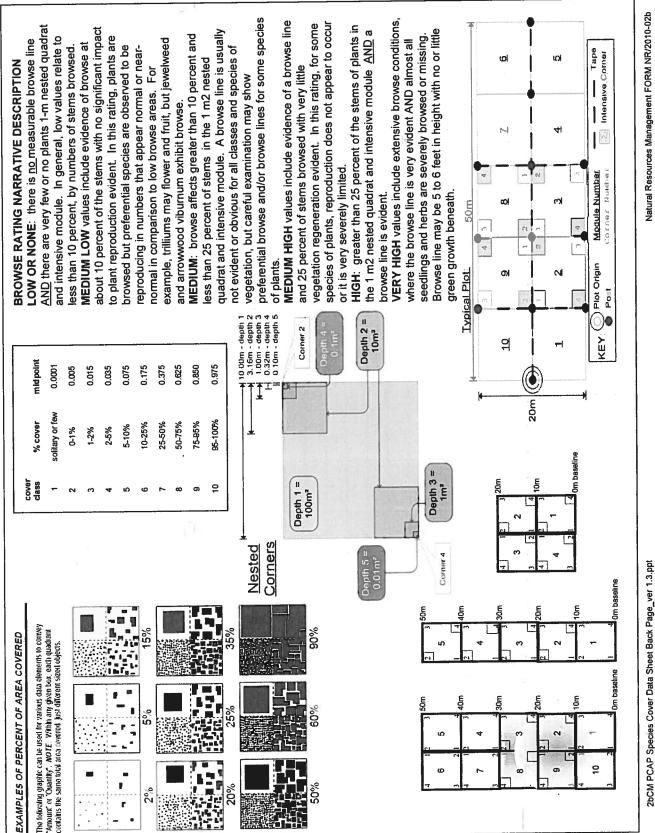
swood tell · cestuca) dead Cleveland Strata - Cov. entire plot CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Total modules: Project Label: | S | H |(F)|(A)|Br W ¢ Rosa multiflora Rhamnus frangula Potentilla Rumex Crispus Colygonum persicana Lonicera laponica Ranunculus repens liburnum dentatum traxious amincana Rancinculus atris Tha arrancoma Acalypha themboldea Frech lites hieracifolia scirpus atrovirens Acersp. (seedling Muss Sp Teum Canadense Puercus palustris Holcus lamators resemb sp. Xatus Stricta liola sp. describe amount of browse per species over Br = Browse Level. Use cover classes to MOD #2 I Species simplex entire plot #2 Printe %unveg. ground (bare soil) %unvegetated open water Intensive modules: intensive module: Estimate for each SUC-187 SIC-186 %unveg. litter (bare litter C-189 Project name: DINC 2013 Voucher # 881-%open water $\overline{\omega}$ 5 depth med corner med corner med corner med نا Ù cov depth COV | depth 1 1 Plot configuration: 1×4 8 Ü cov depth cov depth depth N cov depth Plot no.: Surge W 1 1 N COV COV comer mod comer 2000 p U depth O, 9 N cov depth cov depth · (V) W N 7 1 1 W 1 W mod corner F 0 Plot area (ha): __OH Ş cov depth cov depth S depth Dom D N 0 Page 2 of 3 cov | depth comer mod comer mod comer W W N Cu w 1 0 8 depth depth 70 ςgγ COV Stones

2aCM PCAP Species Cover Data sheet Paģe 1 of x_vef 3.xls last revised 5/29/2012 ceh

Natural Resource Management FORM NR/2010-02a

7

7. Fraxious pennsylvanica



2bCM PCAP Species Cover Data Sheet Back Page_ver 1.3.ppt

lanceotate red red 2aCM PCAP Species Cover Data sheet Page 1 of x_ver 3.xls last revised 5/29/2012 ceh Strata - Cov. entire plot
T S H (F)(A)Br Cleveland Metroparks CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet 2a Total modules: Project Label: 8 Rubus Sp. Aster Sp. 72 Agrimonia parvitora Solidago canadensis Adrestis Spit = giorinto Umus americana Anthroxanium odoratum otrus conniculation runus serotina Plantagosp. #216 typencum pertoratur 125 Magar Dectylus glomerata muxinus sp. (seedling Sisurinchium sp. Crataeque Sp. white ethusus Pancum Sp. Carex &p. Dancus describe amount of browse per species over obelia inflata which the transport Br = Browse Level. Use cover classes to Carota Species entire plot seed in a ဂ SC %unveg. ground (bare soil) %unvegetated open water Intensive modules: 4 intensive module: Estimate for each SJC -193 %unveg. litter (bare litter) Project name: OINC 2013 Voucher# 194 to 2 12 %open water 190 mod corner mod cov depth cov | depth 2 Plot configuration: ş ۷٥٥ comer mod comer depth depth cqv | depth Plot no. 3444 9 cov | depth mod corner mod corner 1×4 ğ cov depth cov depth cov depth cov depth 8 2 (X) 1 N mod comer mod Plot area (ha): 。OH 940 72 depth Page 3 of 3 comer mod comer COV cov | depth I S COV VOO depth depth mod æ ۷65 8 11-15-13 Combined

L'in

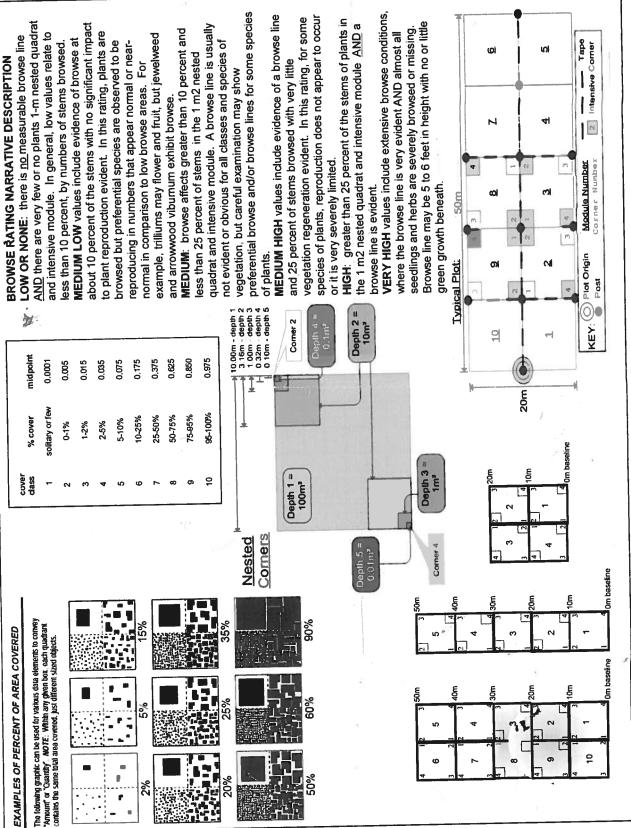
Ytogwos

層

Natural Resource Management FORM NR/2010-02a

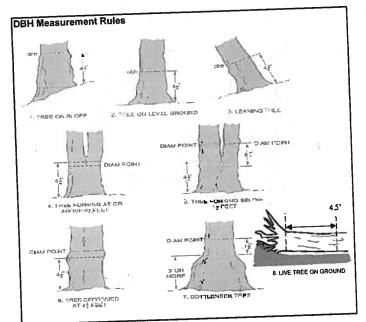
Small

Swami



2bCM PCAP Species Cover Data Sheet Back Page_ver 1.3.ppt

Led of by 3aCM PCAP Natural Woody Stern Data Sheet ver 2.0.xls last revised 5/29/2012 jjm 2 FRANGULA ALAUS LEVELAND METROPARKS Plant Community Assessment Program Natural Woody Stem Data Sheet Ulmus americana FRANGULA ALNUS LONGCERA JAPONICA FRANGULA ALNUS Viburnum dentatum ROSA MULTIFICAN LONICERA JARONICA -ONICERAS MONICA Fraxinus fensylvanic LOVICERA JAPONICA FRANGULA ALNUS ROSA MULTIFLORA Explain subsample (additional room on back) lyssa sylvatica Project Label: PCAP voucher# X # stems browsed 0-1.4m or super % sub sample Project Name: 01 NC 2013 Plot No.: 1360 clumps shrub 9 X . size class (cm) woody stems >1.4m 7 0 0 1-<2.5 2.5-<5 5-<10 4 10 - <15 | 15 - <20 20 - <25 Page: 25 - <30 30 - <35 잌 35 - <40 (P) Cieveland Metroparks **5** 9.5h >40 (record each tree) ⇉



Woody Stem Deer Browse

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

Record using the tally system from 1 to













ASH CANOPY CONDITION

- 1. Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple. 2. Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.
- 3. Dleback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to
- 4. >50% Dieback: The canopy has less than half of the leaves that should be there and/or half of the top branches are dead. sunlight, die naturally and are not considered.
- 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.



C

D

E

(if an ash receives a score of 5 (dead) under canopy condition it must also receive a breakup condition ASH CANOPY BREAKUP CONDITION (for dead trees): rank as described below)

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

Natural Resources Management FORM 2010-04a

CLEVELAND METROPARKS Plant Community Assessment Program: Invasive Species Survey Cleveland Metroparks GPS Presence Tier 1: Early detection/ Rapid response **Presence** NW NE sw X: yes Japanese stiltgrass Microstegium vimineum Lesser Celandine Ranunculus ficaria Black Swallow-wort (vine) Cynanchum louiseae (wetland) Flowering Rush Butomus umbellatus **Giant Hogweed** Heracleum mantegazzianum # of Plants comments Tier 2: Assess as Needed # of Plants sw NW NE 1-10 Norway Maple Acer platanoides 11-50. Tree of Heaven Ailanthus altissima 51-100 (vine) Japanese Honeysuckle Lonicera japonica 4: 101-1,000 (wetland) Purple Loosestrife .ythrum salicaria >1,000 (G-cover) | Bishop's Goutweed Aegopodium podagraria Asian Bittersweet Celastrus orbiculatus (vine) Hedgeparsley Torilis sp. Poison Hemlock Conium maculatum Common Buckthorn (shrub) Rhamnus cathartica (shrub) Japanese Barberry Berberis thunbergii European Alder Alnus glutinosa **Cut-leaf Teasel** Dipsacus laciniatus (shrub) **Autumn Olive** Elaeagnus umbellata Amur Honeysuckle (shrub) Lonicera maackii Wintercreeper Euonymus fortunei comments # of Plants Tier 3: Presence is of Interest # of Plants NW SW NE SE 1: 1-10 (G-cover) Lily of the Valley Convallaria majalis 2: 11-50. (G-cover) Crown Vetch Coronilla varia 3: 51-100 (shrub) Five-leaf Aralia Eleutherococcus pentaphyllus 4: 101-1,000 Japanese Pachysandra (G-cover) Pachysandra terminalis 5: >1,000 Mock Orange (shrub) Philadelphus coronarius (G-cover) Lungwort Pulmonaria officinalis Wineberry Rubus phoenicolasius Yellow Flag Iris (wetland) Iris pseudacorus Star of Bethlehem Ornithogalum umbellatum European Cranberry (shrub) Viburnum opulus var. opulus Doublefile Viburnum (shrub) Viburnum plicatum comments **Presence** Tier 4: Widespread and abundant # of Plants lsw NW NE SE 1-10 Garlic Mustard Alliaria petiolata 11-50. (shrub) Common Privet Ligustrum vulgare 51-100 **Bush Honeysuckles** (shrub) L. morrowii, L. tatarica 4: 101-1,000 Reed Canarygrass Phalaris arundinacea >1,000 **Phragmites** (wetland) Phragmites australis Japanese Knotweed Polygonum cuspidatum (shrub) Glossy Buckthorn Frangula alnus (shrub) Multiflora Rose Rosa multiflora

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

(wetland)

4bCM PCAP Invasive species datasheet.xls last revised 6/11/2012 ceh

Typha angustifolia, T. x.glauca

Cirsium arvense

Dipsacus fullonum

Hesperis matronalis

Cattails

Canada thistle

Common Teasel

Dame's Rocket

Periwinkle

Natural Resoures

three small patches

					Control Control	Module # C? Comer Comer	module. Required for VIBI-E score calculation. C7=check when collected	STANDING BIOMASS (required for emergent wetlands): collected	CLEVELAND METROPARKS Plant Community Assessment Program - Plant Cover and Earth Surface Project Label: PCAP Project Name: 0 N 2033	
© SLOPE (ground water by drology or on a physical slop) Fit=	o RIVERINE Headwater Mainstem Channel Fire	IMPOUNDMENT ID Beaver ID Human	DEPRESSION File	Hydrogeomerahic class (WETLANDS ONLY):	(FII = excellent, g Fit and Confidence	CLASSIFICATION			Int Program - Plant Cover and Earth Surface	

[FILLED OUT USING GIS PROGRAM - DO NOT FILL OUT IN FIELD] McNAB INDICES (degrees) + for up - for down Plot No.:

Quevel and Meaningship Page: 1 of 1

1 F Conf Conf Conf Conf Conf Conf-Conf Conf=

SHRUB a shab swamp a tall sh bog a tall sh fen n EMERGENT n marsh n wet meadow n open bog □ FRINGING □ Reservoir □ Natural Lake a COASTAL (specify subclass) o FOREST o swamp forest a bog forest a forest seep This EPA VIBI Plant Community Class (WETLANDS ONLY): BOG (strongly, moderately, weekly ombrotrophic) Conf

			_	_				L
								1
								L
)	3	0		C	C	c	K	1
C	C	C		-)	>	C	
)	0	_	0	C	C	L
_	0	C	C	C	X)	4
	C				2	2	0	
))	e	C	C	C	\perp
(rank)	(rank)	(count)	(count)	(count)	Count))	
10x 10m	10x10m	Morxor				(count)	(count)	corner
			l (by l (bm	10x 10m	10x10m	3,16x3,16m	lxlm	
SLOPE	depth 1	depth !	depth 1	depth I	depth 1	depth 2	depth 3	
						uplands (Tip-Ups)		
	interspers	>40 cm	(12-40cm)	(2-12 cm)	depressions	humamocks	ussocks	
nucrohab	microhab.	c.w.d	c.w.d	cw.d	no. macro.	no of	110. QI	307

Ranks for microhabitet features. Select one or select two and average the score.NOTE: If mod falls on a stope automatically gets ranked based on steepness (1-3) to begin + any features present ** Terrain Shape Index (site microtopographic shape) Landform Index (position within landscape) +225 degrees +315 degrees +135 degrees +270 degrees +180 degrees +45 degrees +90 degrees At aspect Ž ¥8 Æ SE Ę TSI measure away. LFI is angle of plot to the

eye of person standing -10 m recorders eye to angle from

angles formed by horizon, TSI is

4	S	ر ا	7	Module	readings per corresonding
18	793	9H	5	z	CROWN COVER (DENSIOMETER) Make 4 readings per module facing N. S. E. W. Place dol count in corresonding space (4 dols per grid square)
16	91	37	T.	s	METER) M. S. E. W. Pla er grid square
900	h b	78	として	es	lake 4 ce dot count i
6	F	5	50	*	

10 feature is present in moderate or greater amounts and of highest quakty

feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality feature is present in the welland in very small amounts or if more common, of low quality

feature is absent or functionally absent from the wetland

Slope 2 = falls on slope ~20 *

Slope 3 = maximum steepness that can be safely sampled ~45

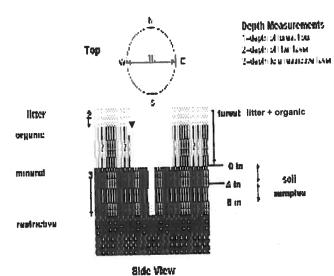
MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

COVER BY STRATA

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

*Very tall shrubs are sometimes included in the tree stratum
**Can also include seedlings of shrubs, i.e. all shrubs <0.5m

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



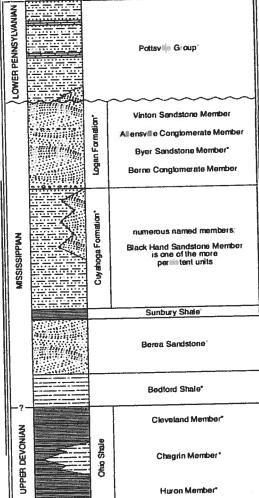


FIGURE 3-20—Generalized section of Upper Devonian, Mississippian, and Lower Pennsylvanian formations in northeastern Ohio Asterisks indicate units that are fossiliferous. This composite section represents about 400 meters of rock exposed across the area. The section is not to scale, but the chicknesses indicated are proportional. The term "Waverty is used in the older literature to refer to Mississippian rocks in Ohio Some geologists use the European nerm "Carboniferous," which encompasses the Mississippian and Pennsylvanian Periods of the U.S. Many units have been named within the Cuyahoga Formation, but most units are local and cunnot be traced over great distances. The Black Hand Member is a spectacular measive sandstone that is fairly widespead but discontinuous. See Hyde (1953), Hoover (1960), and Colhas (1979) for more information on Mississippian rocks in Ohio See figure 3-18 for explanation of rock types.

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet 6a

Project label: PCAP Project Name: 01 NC 3013

Plot No.: 136 360

City Clare Sand Metroparks

Page: 1 of 1

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

Soil pit module # 3 (one per entire plot)

20 cm 5 cm matrix color 2.5 Y 4/2 hydr. cond.*** matrix color 2.5 hydro. cond.*** oxid roots edox features** exture* exture* oxid roots edox features** mottle ottle color Mone mottle O nule color home D S I IS MD Y 3 Z Somewhat poorly dr. Uery poorly dr. Well drained

refer to texture classes on reverse side

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

Notes: include evidence of earthworms (worms, castings, middens) ndundated S=saturated M=moist D=dry

present throughout the plat

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

□ Excessively dr. □ Somewhat excessively	DRAINAGE*	Parent Material: +.	Depth to rest. Layer: 40-60 M	Landform type: Moraines, til disper	Soil Series Source: Ohio Soil Survey	Soil Series Type: Oat - Dagies 51/1 John	Web Soil Survey Information:	2.3.8.7 composited A	Soil Collection Moduld Horizon (A. B. C)
		ē	76150	Opins		200			,

□ Impermeable surface 58 8/2/13

Moderately well dr.

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

organic depth	2 litter	water depth	depth sat
(cm)	depth (cm)	(cm)	soil (cm)
<u> </u>	ろい	7	720
<u>'</u>			
O	<u>0</u> 0	0	730
0	0,0	0.0	924
	7	0,0	730
			depth (cm) 0,0 0,0 0,0 0,0 0,0 0,0 0,0 0

	T ÷	1 *	3	ĪΨ	W	10	12	ΙΞ	12	(A)	la l
**** <5 cm in diameter	*** >5 cm in diameter	**Boulder = > 10 in	* Gravel-Cobble = 1/16-10*	Bedrock	Boulder**	Gravel-Cobble*	Mineral Soil	Histosol	(Sum = 100%)	Underlying Earth Surface*	EARTH SURFACE & GROUND COVER
neter	eter	מ		0	0	2	98	0	percent	Surface*	E & GROU
Other	Road/Trail	Bare Soil	Water	Bryophyte- Lichen	Duff (Ferm.+ Humus)	Litter	Fine Woody Debris****	Coarse Woody Debris***	(Each ≤ 100%)	Ground Cover	D COVER
0	0	2	0	2	0	0	1	/	percent		

COVER BY STRATA estimate using midpoin	COVER BY STRATA estimate using midpoints of 5,ex:3, 8, 13	,ex:3, 8, 13 %
Strata	Height Range (m)	Total Cover (%)
Tree	S	28
Shrub	·S-S	[3
Herb	0 \$	100
(Floating)*	•	0
(Aquatic)*	•	0
* rooted and fic	 rooted and floating or slightly emersed 	sed
** submersed,	** submersed, most plant mass below surface	w surface

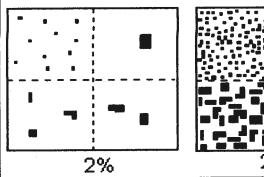
□ Deer	□ Gravel	Bootleg unsanctioned	□ Hiking sanctioned	o Bridle 20	□ All Purpose	Туре	record type and cover for each	TRAIL INFORMATION:
			100	· ·		%Cover	each	

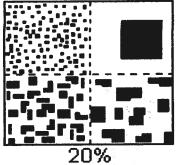
Ø 3-10 x plot size STAND SIZE 10-100 x plot size > 100 x plot size 1-3 x plot size < plot size >600 x plot size

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

PERCENT MOTTLES (USE CLASS CODES):

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

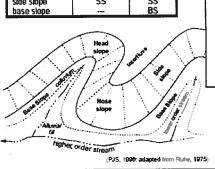


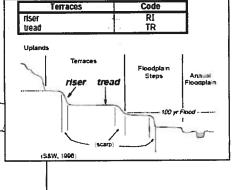


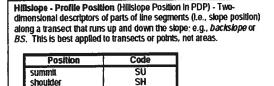
SOIL TEXTURE: Record the code for the soil texture of the 5 cm and 20 cm layers. To estimate texture, collect a soil sample from the appropriate layer and moisten it with water to the consistency of modeling clay/wet newspaper; the sample should be wet enough that all of the particles are saturated but 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.

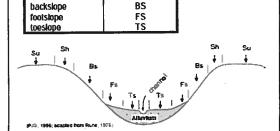
- 0= Organic
- 1= Loamy
- 2= Clayey
- 3= Sandy
- 4= Coarse Sand
- 9= Not measured make plot note

Geomorphic Component - Three-dimensional descriptors of parts of landforms or microfeatures that are best applied to areas. Unique descriptors are available for Hills, Terraces, Mountains, and Fiat Plains; e.g., (for Hills) nose slope or NS.









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.

Div. In. D.C.A	n				FC	ORM B-1: BUFF	FER S	AN	IPL	EP	LOT	S (Front) Re	riewed b	w finisi	all.		
Site ID: PCA	tr.	N		1	<u>36</u>	0						DATE: 08101			**/·	2	-
Location:						Fill	l in bu	bbl	e(s)	if p	lot(s) could not be sampled	<u> </u>	.0	<u></u>	2	
AA Center O	N	0	S	0	E (OW OF	Plot 1		O F	lot	2	O Plot 3	and	riag	→		
Fill in bubbles for all that appl	ly: Ca	nopy ⁻	Туре	: D =	Decidua	Buffer	Natur	al C	ove	er St	rata				_		
			class	bubb	e for ea	ch strata type for each plo	rype: 8 = ot. 0 = Ab	Broa sent;	dleaf; 1 = S	N = N parse	leedle ((<10%)	Leaf. Absent: No tree canopy. ; 2=Moderate(10-40%); 3 = Heavy (40 75W	.			
Diet 4		0) A	bser	ıt: O	Buffer Canop	y Type:	0	(<u>1</u>)	Δh	sent:						
Lear Type	: 6	<u>(</u>		1	Flag	Disto	f Type:		$\overline{\odot}$	+		Die40		=	_	bser	nt:
Big Trees (>0.3m DBH)		<u> </u>	<u> </u>	0		Big Trees (>0.3m DBH)	00	510	- Y -	200	<u> </u>	Learly	T = -	<u> </u>			
	<u> </u>	0	<u> </u>	0		Small Trees (<0.3m DBH)				= +	5		+=	0	0	0	-
	<u> </u>	2	0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)	00	-	=+	_	5	Small Trees (<0.3m DBH) Woody Shrubs, Saplings	+=-	0	0	<u> </u>	-
	$\mathfrak{D}[\mathfrak{C}$	0	0	0		Woody Shrubs, Saplings (<0.5m HIGH)	00		_		5	(0.5m-5m HIGH)	+	0	9	<u> </u>	_
Herbs, Forbs and Grasses		0	0	()		Herbs, Forbs and	<u> </u>	_	-	_	5	(<0.5m HIGH)	1 -	<u> </u>	0	0	1
Bare ground 🕙 🤇) (C	2)(0	0		Grasses Bare ground	00	+-	_	_	5	Grasses C	10	0	0	$\underline{0}$	1
Litter, duff) (C	2	<u> </u>	0		Litter, duff	Old	_				Bare ground 0	0	0	0	0	L
Rock	0) (C	<u> </u>	0			=+=		_	_		Litter, duff	0	0	0	0	
Water 🌑 🤇	510	2)(<u> </u>	Ŏ				+-				Rock ①	0	0	0	0	Γ
Submerged Vegetation			<u>5</u>	ŏ		Submerged	Θ	+-3	+-3		-	Water ①	0	0	0	0	Γ
				onfin	n that :		<u> </u>) ()[6	<u>기</u>	Submerged Vegetation	0	0	0	0	
Residential and Ur	ban	Stre	1926) re	- didt	A lined data bubble inc	icates p	rese	nce a	and a	n unfil	Vegetation Vegetation	y fillin	g this	bubt	le. (0
il bubble if present - Plot		1	2		-	пуагою	y Stres	sor	S			Agricultural					
Road - gravel	1			o '	-	Fill bubble if present		1		:	FI	ag Fill bubble if present - Pi	ot :			_	F
Road - two lane	10		-	_		Ditches, Channelization Dike/Dam/Road/RR B		C		-		Pasture/Hay		0	0	5	_
load - four lane	to		-	ă	9	(IMPEDE FLOW) Water Level Control S	1000	C	_	_		Range	1	0	_	5	
arking Lot/Pavement	C	_	_	ŏ		Excavation, Dredging	ucture	\perp		-		Row Crops		0	0	5	_
olf Course	C	-	+	<u></u>		Fill/Spoil Banks		0	-	-	-	Fallow Field (RECENT-RESTIN ROW CROP FIELD) Fallow Field (OLD - GRASS,	G () (5 0	5	
awn/Park	C	O	_	5		reshly Deposited Sec	liment	0	C	-	-	SHRUBS, TREES)	() () (
uburban Residential	10	C	$\overline{}$	5	1	UNVEGETATED) Soil Loss/Root Exposu	re	0	0		-	Nursery) () (
rban/Multifamily	0	C	\rightarrow	5		Vall/Riprap		0	00	+	-	Dairy				_	
ndfill	0	0	1	5		niets, Outlets		0	0	-	+-	Orchard	0				
ımping	0	0	_	_	F	Point Source/Pipe EFFLUENT OR STORMWATE		0	0	00	-	Confined Animal Feeding Rural Residential	C) (0	业	
ash	0	0	To		1 11	npervious surface inpos	ut	0	0	0	-	Gravel Pit	10		_	+	_
her;	0	0	C)		ther:	- 1	0	0	0	-	Irrigation	10	-	-	-	
her:	0	0	-	21	01	ther;		0	0	0			10	_	_	-	
Industrial Developme	ent s	Stres	880	rs						_	0004	Other:	10	10	0		_
bubble if present - Plot	1	2	3	Fla	g Fil	bubble if present -	Plot	1				tion Stressors					
Drilling	0	0	0			est Clear Cut		1	2	3	Flag	Fill bubble if present - Pic	t 1	2	3	Fla	aç
s Wells	0	0	0	-				의	0	0		Herbicide Use	0	0	0		
e (surface)	0	0	0	-		est Selective Cut		이	0	이		Mowing/Shrub Cutting	•	0	0	3	3
e (underground)	0	-	0	-		e Plantation e Canopy Herbivory		9	0	이		Trails	0	0	0		
ary	-	_		_	(INS	ub Layer Browsed	(2	0	0		Soil Compaction (ANIMAL OR HUMAN)	0	0	0		
	의	_	0		(WIL	O OR DOMESTIC) Oly Grazed Grasses		2	0	0		Offroad vehicle damage	0	0	0	-	-
		-	의		(OVE	RALL <3" HIGH)			0	0		Soil erosion (FROM WIND, WATER OR OVERUSE)	0	0	0		_
	01	0	01		rec	ently Burned Forest	Trans.	1/1	_								
		-	0		Can	opy ently Burned Grasslan)	0	0		Other:	0	0	0		

Site ID:	PC	A	P	N	C 1360	DATE				N SPECIES (Back) Reviewed by				
						illed b	ubble	e Indi	cates	absence by filling in this bubb	ole		11/15	50
				_		1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
bubble if present - Plot		2	3	Flag	Fill bubble If present - Plot	0	0	0		Johnson Grass	0	0	0	
ırasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Kudzu	0	0	0	
ater hyacinth	0	0	0		Knotweed	0	0	0		Multiflora Rose	•	0	0	
ellow Floating Heart	0	0	0		Japanese Knotweed Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
iant Salvinia	0	0	0			0	0	0		Himalayan Blackberry	0	0	0	
arlic Mustard	0	0	0		Giant Reed	0	0	0		Tamarisk	0	0	0	
oison Hemlock	0	0	0		Cheatgrass Crass	0	0	0		Other:	0	0	0	
ile-A-Minute Weed	0	0	0	<u> </u>	Reed Canary Grass	0	6	0	-	Other:	0	0	0	
irdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
anada Thistle	10	0	0	1	Leafy Spurge	10	10	10	<u> </u>	Other	0	0	0	
			_		PLOT COOF			_	To the					
Buffer Plot 3 can not be a	access suffer 1 re the e cent ates (coord er of	dinat	as poone):	e taken and why in the commer ossible or at the center of the la	nt sect	ion be	elow. ile Bu	The co	Oldinates of the treatest bracing	eatior able k	n but		ag
lag box, and describe whe pither placed as close to the Location of coording AA CENTER O	access suffer 1 re the e cent ates (coorder of	dinat Plot ose S3	one):	e taken and why in the commer ossible or at the center of the la	nt sections according to the section of the section	ion becessib	local	tion (fl	ordinates of the fleatest practic			F	
Buffer Plot 3 can not be a Plots are centered on the Blag box, and describe whe either placed as close to the Location of coordinates AA CENTER O	access suffer 1 re the e cent ates (N3	coorder of	dinat Plot ose S3	one):	a taken and why in the commerciasible or at the center of the last	nt sections according to the section of the section	ion becessib	local	tion (fl	ag and comment below)			F	
Relifer Plot 3 can not be a Plots are centered on the Blag box, and describe whe wither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Relifer Plot 3 can not be a Plots are centered on the Blag box, and describe whe wither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Relifer Plot 3 can not be a Plots are centered on the Blag box, and describe whe wither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Relifer Plot 3 can not be a Plots are centered on the Blag box, and describe whe wither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Pauffer Plot 3 can not be a Plots are centered on the E ag box, and describe whe wither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Buffer Plot 3 can not be a lots are centered on the Bag box, and describe whe ither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Buffer Plot 3 can not be a lots are centered on the ag box, and describe whe lither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Buffer Plot 3 can not be a lots are centered on the Bag box, and describe whe ither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Buffer Plot 3 can not be a lots are centered on the Bag box, and describe whe ither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Relifer Plot 3 can not be a Plots are centered on the Blag box, and describe whe wither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Relifer Plot 3 can not be a Plots are centered on the Blag box, and describe whe wither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag
Relifer Plot 3 can not be a Plots are centered on the Blag box, and describe whe wither placed as close to the Location of coordinal AA CENTER O Latitud Flag Commer	access Buffer 1 re the e cent ates (N3	coorder of	dinat Plot ose \$3	one):	a taken and why in the commerciasible or at the center of the last	eraction	able	local	The coffer Plottion (fl	ag and comment below)	92		F	lag

				FO	RM B-1:	BUFF	ER	SAN	MPL	E PI	LO1	rs (F	ront)	i de la	Reviewed	by (Initial):		•
Site ID: PCAP NC 1360 DATE: 08 10 12013 Location: Fill in bubble(s) if plot(s) could not be sampled and flag -																			
Location:						Fill	in b	ubb	le(s)	if p	lot(s	s) co	uld not be	sample	d and	flag			
O AA Center O N	0	S	01	≣ 0	W	OF	Plot 1		0	Plot	2	№ F	Plot 3					0	
Fill in bubbles for all that apply: Co Strata Section: Fill in appropriate	anopy cover	Type: class t	D = C	eciduou for eac	s; E = Evergre	Buffer en. Leaf T er each plo	ype: B	= Bro	adlea	f; N = 1	Needle	e Leaf. /	Absent: No tree oderate(10-40	e canopy. %); 3 = Hea	vy (40-75	%); 4 = \	∕ery H	eavy ((>75%)
Buffer Canopy Type: (9 () AI	bsen	t: O	Buffer	Canop	у Тур	e: 🕝) () At	sent	: O	Buffer	Canopy	Туре: (<u> </u>) At	sent	ï
Plot 1 Leaf Type:	0		1_	Flag	Plot 2	Lea	f Тур	e: 🕒	<u>(</u>			Flag	Plot 3	Leaf	Type: (<u> </u>			Flag
Big Trees (>0.3m DBH)	0		0		Big Trees (>	0.3m DBH)	0	0	0	0	<u>O</u>		Big Trees	(>0.3m DBH)	\odot		0	0	
Small Trees (<0.3m DBH)	(9)	0	0		Small Trees (0	0	0	<u> </u>	<u>O</u>		Small Trees	·	\odot		0	0	
Woody Shrubs, Saplings (0.5m-5m HIGH)		0	0			-5m HIGH)	0	0	0	0	0		(0.5	bs, Saplings m-5m HIGH)	\odot		0	0	
Woody Shrubs, Saplings (<0.5m HIGH)		0	0		Woody Shrubs (<0	s, Saplings .5m HIGH)	0	0	0	0	0		Woody Shru (<	bs, Saplings 0.5m HIGH)	0		0	0	
Herbs, Forbs and Grasses Grasses	0	0	0		Herbs, F	orbs and Grasses	0	0	0	0	0		Herbs,	Forbs and Grasses	00	0	0	0	
Bare ground ① ①	(0	0		Bare	ground	0	0	0	0	0		Bar	e ground	00	0	0	0	
Litter, duff 🗿 🕔	0	0	0		Lit	ter, duff	0	0	0	0	0		L	itter, duff	00	0	0	0	
Rock 🚺 🕡	0	0	0			Rock	0	0	0	0	0			Rock	00	0	0	0	
Water 🚺 🕦	0	0	0			Water	0	Ö	0	0	$\overline{\odot}$			Water	00		0	Ō	
Submerged (1)	0	0	0			bmerged	Ŏ	Ŏ	0	<u></u>	$\overline{\odot}$			Submerged Vegetation	O		0	$\tilde{\odot}$	
Stressor Presence/Ab		_	_	rm that		egetation bubble is					\sim	unfilled			all and a second		_	oble.	•
Residential and Urb	an S	tress	sors			Hydrolo	av S	tres	sors					Agricultu	ırai & F	tural S	Stres	sors	
FIII bubble if present - Plot	1	2	3	Flag	Fill bubble				1	2	3	Flag	Fill bubble	If presen	t - Plot	1	2	3	Flag
Road - gravel	0	0	0		Ditches, Cl		1	Tel	0	0	0	Ť	Pasture/Ha	ıv		0	0	0	
Road - two lane	0	0	0		Dike/Dam/	Road/RR			0	0	0		Range			0	Ö	ō	
Road - four lane	0	0	0		Water Leve		l Stru	cture	ō	0	0		Row Crops			Tō	0	Ö	
Parking Lot/Pavement	0	0	0		Excavation	, Dredgir	ng		0	0	ō		Fallow Field		RESTING	10	0	Ö	
Golf Course	0	0	0		Fill/Spoil B	anks		W. W	0	0	0	·	Fallow Field SHRUBS, TRE	d (OLD - GR	ASS,	0	0	0	
Lawn/Park	0	0	O		Freshly De		Sedim	ent	0	0	0		Nursery	ESI	N M	0	0	0	
Suburban Residential	0	0	0		Soil Loss/F		osure	a II	o	0	0		Dairy			0	0	0	
Urban/Multifamily	0	0	0		Wall/Ripra	p			0	0	0		Orchard			0	0	0	
Landfill	0	0	0		Inlets, Out	ets	To the	8	0	0	0		Confined A	nimal Fee	ding	0	0	0	
Dumping	0	0	0		Point Sour		NATER	,	0	0	0	-	Rural Resid	dential	2	0	0	0	
Trash	0	0	0		mpervious (SHEETFLOW	surface			0	0	0		Gravel Pit	Ardt.	0,79	0	0	0	
Other:	0	0	0		Other:				0	0	0		Irrigation			0	0	0	
Other:	0	0	0		Other:				0	0	0		Other:	1 7		0	0	0	
Industrial Developm	ent S	Stres	son	3					ŀ	labit	at/V	egeta	tion Stress	ors	3.0				
Fill bubble If present - Plot	1	2	3	Flag	FIII bubble	If prese	nt - P	lot	1	2	3	Flag	Fill bubb	le If prese	nt - Plo	t 1	2	3	Flag
Oil Drilling	0	0	0	-	Forest Clear	r Cut			0	0	0		Herbicide U	se		0	0	0	
Gas Wells	0	0	0		Forest Selec				0	0	0		Mowing/Shr		30	0	0	0	
Mine (surface)	0	0	0		Tree Plantal				0	ō	0		Trails	00 00109	117	0	0	0	3
Mine (underground)	0	0	0		Tree Canop		ory		0	0	0		Soil Compa	ction	1000	0	0	0	S
					(INSECT) Shrub Layer	Browse	d	-					(ANIMAL OR H			1			2
Military	0	0	9		(WILD OR DOM Highly Graze	ESTIC)			0	0	0		Offroad veh Soil erosion			0	0	0	
Other:	0	0	0		(OVERALL <3° I	HIGH)			0	0	0		OR OVERUSE)		ing Viv		0	0	
Other:	0	0	0		Canopy Recently Bu			4	0	0	0		Other:			. 0	0	0	\Box
Other:	0	0	0		(BLACKENED)	med Gra	issian	<u>" </u>	0	0	0		Other:			.0	0	0	
Flag codes: K = No me Buffer Sample Plots			Expl		uspect measu lags in comm							gned by	y each fleid cr	ew.	243	28168	3304		

• FC	ORN	B-	1: 1	BUFF	ER SAMPLE PLOTS -	TAI	RGE	TEI	D ALI	EN SPECIES (Back) Reviewed	by (initia	ai):		•
Site ID:	P	C	49	N	C 1360	DAT	E: <u>(</u>	5.0	<u>3</u> 1	0.1/2013				
O Confirm	a fiii	ed da	ata b	ubbie i	ndicates presence and an uni	illed	bubb	ie ind	dicates	absence by filling in this bul	ble		result.	15
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Glant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
										Other:	0	0	0	
					PLOT COORE	DINA	TES				alle de			
O AA CENTER O N: Latitude N	3 (O 83	3	O E3	O W3 Nearest practices Nearest Nea	Lon	gitud	de W		and comment below)	. J .		Fla	
					Ose Decimal Degr	ees;	NAU	83						
Flag Comments								17						
1 Blata	boi	ا	3	0 r	neters due to	00	ck	1-	aub	dary line cos	do	mli	01	
vard div	· P (11	J	Nos	th of Bl.	7			0011	olary 11176; (6)	1010	1711	<u> </u>	
2 B2 and	_				ot be sampled	A	1P	to	pr	merty line				
	1d	00	۲.	tra	il crosses B1				-	of 19 This				
	/				To Court of								_	
			· · · ·	-										
					State of the state						-			
-					-									
MEN PROPERTY OF THE PARTY OF TH		U TI											715-7	
Buffer Sample Po	ints -	Tare	hata	Alien S	pecies 05/27/2011					796	6623	3548		

privet vincaminor

		12000	on	018	50	DM D 4	DUE	ED	041	401			FO /F						
						RM B-1:	BUFF	ER	SAI	WPL	EP	LO		122	Reviewed by	-):	_ (
Site I	D: PCA	7	N		130	00						Reve	DATE	08	10/13	0	1	<u> </u>	
Location	on:					urte o vin	Fill	in b	ubb	le(s) if p	lot(s) coi	uld not be	sampled and	lag ·	→		
OAAC	Center ON	0	S	9	E O	W		Plot '			Plot			Plot 3				L.	
Fill In hubble	es for all that apply: (`anonv	Tyne:	D = L	Deciduou		Buffer							Absent: No tre	e canony				
															%), 3 = Heavy (40-75%); 4 = \	ery H	eavy (>75%)
Buffer	Canopy Type:) A	bsen	t: 🌑	Buffer	Canop	у Тур	e: (() AI	bsen	t: 🍪	Buffer	Canopy Type: 🕞) () At	sent	: 🐠
Plot 1	Leaf Type:	()	\times	Flag	Plot 2	Lea	f Typ	e: () (Flag	Plot 3	Leaf Type: () (Flag
Big Trees (>	0.3m DBH)	0	0	0		Big Trees (>0.3m OBH)	0	0	0	0	0		Big Trees	(>0.3m DBH)	0	0	0	
Small Trees (<	:0.3m DBH) ①	4	0	0		Small Trees ((<0.3m DBH)	0	(0	0	0		Small Trees	(<0.3m DBH) 0	0	0	0	
Woody Shrubs (0.5m-	s, Saplings -5m HIGH)	(3	0		Woody Shrub (0.5n	s, Saplings n-5m HIGH)	0		0	0	0			ibs, Saplings im-5m HIGH)	0	0	0	
Woody Shrubs		0	0	0		Woody Shrub	s, Saplings 0.5m HIGH)		0	0	0	0		Woody Shru	bs, Saplings 0.5m HIGH)	0	0	0	
	orbs and Grasses	10	0	0			Forbs and Grasses	0	0	0	0	(Forbs and Grasses O	0	0		
Bare	ground ①	0	0	0		Bare	e ground	0	0	(2)	0	0		Bar	e ground ① ①	0	0	0	
Litt	ter, duff	0	0	Ō		Li	tter, duff		0	0	0	Ŏ		L	itter, duff	Ō	Ō	Ö	
	Rock (1)	10	0	Ō			Rock	<u></u>	Ō	0	<u></u>	ŏ			Rock ① ①	0	0	Ŏ	
	Water ()	+=	ō	ō	-		Water			0	0	<u>0</u>			Water 0	0	0	<u></u>	
	ibmerged 🔊 🔾	0	0	<u></u>			ubmerged		$\frac{9}{0}$	0	0	$\frac{\circ}{\circ}$			Submerged ()	$\overline{0}$	$\overline{\odot}$	<u></u>	
	egeration		_	_	irm that		egetation		_		\sim	_	unfilled		vegetation of Control		\sim		
	dential and Url	-						21			00 011	u un	dimile	T					
		1	T	_			Hydrolo	-	-	1 .	1 0	1 2	Fier		Agricultural & Re	1	2	3	Flag
	o If present - Plot		2	3	Flag	Fill bubbl			Plot	1	2	3	Flag			4	-	-	riay
Road - gra		0	10	0	d .	Ditches, C				0	0	0		Pasture/Ha	iy	0	0	의	
		0		0		(IMPEDE FLO		d Stra	cture	0	0	0	-	Row Crops		0	00	0	
Road - fou	ot/Pavement	0	0	0		Excavation			Clure	0	0	6			d (RECENT-RESTING	0	0	0	
Golf Cours		0	0	0		Fill/Spoil E		19		0	0	0	-		d (OLD - GRASS,	0	0	0	
Lawn/Park		0	0	0		Freshly De	posited 5	Sedin	nent	0	0	0	 	SHRUBS, TRE Nursery	ES)	0	0	0	
	Residential	0	0	0		Soil Loss/		osure		0	ō	0	 	Dairy		0	0	Ö	
Urban/Mul		0	1			Wall/Ripra	ıp .			0	0	-		Orchard		0	0	Ö	
Landfill		0	0	0		Inlets, Out				ŏ	ō	o			nimal Feeding	0	0	0	
Dumping		0	0	ō		Point Soul		WATER		0	ō	0		Rural Resi	dential	ō	Ö	0	
Trash		0	0	0		Impervious (SHEETFLOW	s surface			O	0	0		Gravel Pit		Ō	0	Ō	
Other:		0	0	O		Other:				0	0	Ō		Irrigation	GENERAL SAME	0	0	0	
Other:		0	0	0		Other:				0	0	0		Other:		0	0	0	
Indus	strial Developn	nent :	Stres	son	s						Habit	tat/V	egeta	tion Stress				90,000	
	If present - Plot	1	2	3	Flag	Fill bubble	if prese	nt - F	Plot	1	2	3	Flag	Fill bubb	le If present - Plot	1	2	3	Flag
Oil Drilling		0	0	0		Forest Clea	D 27 1	81.7		0	0	0		Herbicide U	lse	0	0	0	
Gas Wells		0	0	0		Forest Sele	195 32.17			0	0	0		Mowing/Shi		0	•	0	2
Mine (surfa		0	0	0		Tree Planta				0	0	0		Trails	ou outung	0	0	0	
Mine (unde		0		1		Tree Canor		ory	- 224	0	0	0		Soil Compa		0	0	0	
	erground)	-	0	0		(INSECT) Shrub Laye	r Browse	d						(ANIMAL OR H					
Military	A STUDIEN	0	0	0		(WILD OR DOI Highly Graz	MESTIC)			0	0	0			icle damage (FROM WIND, WATER,	0	0	0	
		0	0	0		OVERALL <	HIGH)			0	0	0		OR OVERUSE		0	0	0	
Other:		0	0	0		Canopy) d	0	0	0				0	0	0	
Other:		0	0	0		Recently BI (BLACKENED)		assiar	iu	0	0	0		Other:		0	0	0	
● Fia	ag codes: K = No m	easure	ement			uspect meas lags in comn							igned b	y each field c	rew. 242	8168	3304	I	
B	uffer Sample Plot	s 05	/27/							600000	e factori	en contract						74	

• FG	ORN	I B-	1: E	BUFF	ER SAMPLE PLOTS -	TAI	RGE	TEI	D ALI	EN SPECIES (Back) Reviewed by	y (initia	i):		
Site ID:	P	CF	P	N	C 1360	DAT	E: <u>{</u>	<u>3. C</u>	<u>3</u> .1.	0.1.120.13				
Confirm	a fill	ed da	ata b	ubble i	ndicates presence and an un	filled	bubb	le inc	dicates	absence by filling in this bub	ble	חלט		1
Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	o	
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	0 0 0
			1							Other:	0	0	0	
				4, 1	PLOT COOR	DINIA	TEC						<u> </u>	
O AA CENTER O N Latitude	13	O S	3	© E3	O W3 O Nearest pra	Lon	gitud	de V		and comment below)	5.			
Flag Comments														
Strawbern	1	n 0	. 0	cha	+ 10 moters	+	- A1	00	Sac	the Closed in	00	1		
2 Previous	4)/		SAIG	od d	and the last	10	0	1	200	oth. Closed ro	40	1 .		
A MENIONIN	7 	<u> </u>	Ave	24	area; no la	mg	er	`	bes	ng mowed.				
								-						
Buffer Sample P	oints	Tare	reted	ι Δlien [©]	Species 05/27/2011					7966	5623	3548	3	0
maack; p	-ine	+		-									14/10	(C) (S)
rosa gi	رکین	اطر	uch	Thom	1									

							FOR	M B-1:	BUFF	ER	SAN	IPLI	PL	OT	S (Fr	ont)	Reviewed by (initial): ,		- (
Site I	D: {	PC	A	1 9	10	_	130	60							DATE	08	101120	1 (3		
Location	on:								FIII	in b	ubb	le(s)	if pl	ot(s) cou	ld not be	sampled and fl	ag –	→		
OAAC	Center	0	N	0	S	OE	0			lot			lot 2	-	OP	lot 3					
Fili in bubbie Strata Section	es for all th	hat app	iy: Ca	nopy 1	ype: () = De	eciduous for each	E - Evenne	Buffer en. Leaf T or each plo	me F	= Br	adleaf	N = N	eedle	Leaf Al	bsent: No tree derate(10-40°	e canopy. %); 3 = Heavy (40-75%);	4 = V€	ery Hea	avy (>	75%)
	Canop				1	sent		Buffer	Canop) (1)	T	sent:	\overline{a}	Buffer	Canopy Type:	(4)	1	ent:	$\overline{}$
Buffer Plot 1		of Typ	_ >				Flag	Plot 2		f Typ	-) 6			Flag	Plot 3	Leaf Type:				Flag
Big Trees (>	0.3m DBH	0	0	0		0		Big Trees (•0.3m DBH)	0	0	(4)	0 0	<u> </u>		Big Trees	(>0.3m DBH) 0	0	-	<u> </u>	
Small Trees (<	0.3m DBH	O.	0		0	\odot		Small Trees (<0.3m DBH	0	0		\odot	<u> </u>		Small Trees		0		<u> </u>	
Woody Shrubs	s, Saplings -5m HIGH)	0	0	(1)	0	0		Woody Shrub (0.5m	s, Saplings 1-5m HIGH)	0	0	0	(O			ubs, Saplings im-5m HIGH)		<u> </u>	<u> </u>	
Woody Shrubs			0	0	0	0		Woody Shrub	s, Saplings).5m HIGH)	0	0		0 0	<u> </u>			ibs, Saplings <0.5m HIGH)	0	0	\odot	
	orbs and Grasses	0		0	0	0			Forbs and Grasses	0	0		0	তা		Herbs	Forbs and Grasses ①	0	0	\odot	
Bare	ground	<u></u>	0	0	Ō	Ō		Bare	ground		0	0	0	ত্রা		Bai	re ground 🕼 🔾	0	0	0	
	ter, duff	0	0	0	Ö				tter, duff	0	0	0	_			ı	itter, duff 🔘 🕦	0	0		
	Rock			0	$\frac{9}{0}$	$\overline{\odot}$			Rock		0	0		0			Rock ① ①		-	õ	
	Water		0	0	0	0			Water		0	0	- +	ŏ			Water 💮 🕦	0	$\overline{0}$	Ŏ	
Sı	ubmerged	1-	0	0		<u>)</u> (ubmerged		0	Õ	<u></u>	ŏ			Submerged Vegetation	0	0	Ō	
Stross	egetation	senc)	rm that		egetation bubble i		4	-			unfilled	bubble indi	cates absence by filli		s bubl	ole. (0
	idential				_				Hydrolo								Agricultural & Ru				
Fili bubble		_	_	1	2	3	Flag	FIII bubbl	-	-		1	2	3	Flag	Fill bubble	e if present - Plot	1	2	3	Flag
Road - gr				0	0	0		Ditches. C	hanneliz	ation		0	0	0		Pasture/Ha	ay	0	0	0	
Road - tw		lauit.		0	0	0		Dike/Dam	/Road/RF			0	0	0		Range		0	0	0	
Road - fo	ur lane			0	0	0		Water Lev		ol Str	ucture	0	0	0		Row Crop	s	0	0	O	
Parking L		ment		0	0	0	7	Excavatio	n, Dredgi	ing		0	ō	0		Fallow Fie	d (RECENT-RESTING	0	0	0	
Golf Cour				0	0	0		Fill/Spoil (Banks		v 1	0	0	0			d (OLD - GRASS,	0	0	0	
Lawn/Par				0	0	0		Freshly D		Sedlı	nent	0	0	0		Nursery	P. William Co.	0	0	0	
Suburbar		ntial		0	0	O		Soil Loss		osur	Э	0	0	0		Dairy		0	0	0	
Urban/Mu		-		lo	Ö	ō		Wall/Ripra	ap			0	0	0		Orchard		0	0	0	
Landfill				0	ō	0	-	Inlets, Ou	tlets			0	0	0		Confined	Animal Feeding	0	0	0	
Dumping				0	0	0		Point Sou			R)	0	0	0		Rural Res	idential	0	0	0	
Trash			111	0	0	0		Imperviou	s surface	e inpu	t	0	0	0		Gravel Pit		0	0	0	
Other:		_		jo	ō	ō		Other:				.0	0	0		Irrigation		0	0	0	
Other:				0	ō	0		Other:				0	0	0		Other:		0	0	0	
	ustrial (Devel	lopm	1	_	_	s						Habit	at/V	egeta	tion Stres	sors				
Fill bubbl				_	2	3	Flag	Fill bubbl	e if pres	ent -	Plot	1	2	3	Flag	FIII bub	ble if present - Plot	1	2	3	Flag
Oil Drillin			l i	0	0	0		Forest Cle	ar Cut		3.8	0	0	0		Herbicide	Use	0	0	0	
Gas Well	ls		100	0	0	0		Forest Sel	ective Cu	ıt	Par	0	0	0		Mowing/SI	hrub Cutting	0	0	0	
Mine (sur	rface)	77		0	0	0		Tree Plant	ation	TV.		0	0	0		Trails		0	0	0	
Mine (un	dergrour	nd)		0	0	0		Tree Cano	py Herbi	vory		0	0	0		Soil Comp (ANIMAL OR	action HUMAN)	0	0	0	
Military	1, 1		7	0	0	0		Shrub Lay	er Brows	ed		0	0	0			hicle damage	0	0	0	
Other:		-7/	-	0	0	0		Highly Gra	zed Gras	ses	-	0	0	0		Soil erosio	ON (FROM WIND, WATER,	0	0	0	
Other:				6	0	0		Recently E	Burned Fo	prest		0	0	0		The second secon	51	0	0	0	
Other:				0	0	6		Recently E (BLACKENED	Burned G	rassla	and	0	0	0		Other:	de de la companya de	0	0	0	
-	Flag code	s: K =	No m			mad	le, U = \$	Suspect mea	surement	, F1,I	-2, etc	. = mis	c. flag	s ass	igned b	y each field	crew. 242	8168	8304	T	
	Buffer S					Ext	olain ail	flags in com	ment sect	ion or	the t	ack of	this fo	m	idk	Ann pive					Approximate the second

One !			71		1360	DAT	E: (<u>3, C</u>	31	0.1.20.13				
O Cor	firm a fill	ed da	ata b	ubble i	ndicates presence and an uni	filed	bubb	le inc	dicates	absence by filling in this but	ble			
FIII bubble if present -		2	3		Fill bubble if present - Plot	1	2	3	Fiag		1	2	3	Fla
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass		1		ria
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0		Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0			0	0	0	
Canada Thistle	0	0	0		Leafy Spurge		0	0.00		Other:	0	0	0	
					early opunge	0	0	0		Other:	0	0	이	
	30			TU-	PLOT COORD					Other:	0	0	0	
) S3		5 E3			-			and comment below)	6.		Flag	
Flag Commer	nts													

1000 privet barberry rosa

		W.		7	N. Sel	FOR	M B-1: BUFFER SAM	PLE	PLC	OTS	(Fro	ont)	Reviewed by (in	tial):		•	
Site ID:	PC	AY	0	V			60			D	ATE:	08	101120	3.1	.3		
Location:							Fill in bubble	e(s) if	plo	t(s)	coul	d not be	sampled and fla	9 —	*		
O AA Cen		O N	0	S	OE		VI 01.00.	O PI			Ø PI	ot 3				1	Щ
							Buffer Natural C				eaf Ab	sent: No tree	canopy				
ill in bubbles for Strata Section: F	r ali that ap Fill in appro	oply: Ca priate	anopy cover	Type: :lass t	D = Do Subble	eciduous for each	; E = Evergreen. Leaf Type: B = Broa strata type for each plot. 0 = Absent;	1 = Sp	arse(<	10%);	2=Mod	lerate(10-40°	%); 3 = Heavy (40-75%); 4	= Ver	y Heav	ry (>7	5%)
	anopy Ty	_		$\overline{}$	sent	$\overline{\Delta}$	Buffer Canopy Type: ①	6	Abs		O	Buffer	Canopy Type: 0	0	Abse		
Plot 1	Leaf Ty				-1	Flag	Plot 2 Leaf Type: (1)			F	lag	Plot 3	Leaf Type: 1	<u> </u>	1	$\overline{}$	lag
Big Trees (>0.3m	10	10	0		0		Big Trees (>0.3m DBH)	0) (c	0		Big Trees	(>0.3m DBH)	-			_
mall Trees (<0.3n			Ō	0	0		Small Trees (<0.3m DBH)) (c)		Small Trees	(<0.3m DBH)	<u> </u>	4-	2	
Voody Shrubs, Sa	plings (10	0	0	0		Woody Shrubs, Saplings (0.5m-5m HIGH)	0 (5 ()[(0.5	in-difficity (<u> </u>		<u> </u>	
(0.5m-5m l Voody Shrubs, Sa	plings (A)		0	0	Ō	-	Woody Shrubs, Saplings (<0.5m HIGH)	0) (C	5			ibs, Saplings <0.5m HIGH)	<u> </u>	<u>) [C</u>	<u> </u>	
(<0.5ml	s and	1=	10	0	0		Herbs, Forbs and Grasses	0	D (D		Herbs	Forbs and Grasses (_	_		
Bare gro	23303		O	Ō	0		Bare ground 🕢 🐠	0) C	5		Ва	re ground	<u> </u>	<u>) (</u>	<u> </u>	
Litter,	— `		10	ŏ	ō		Litter, duff	0	3	5			itter, duff	<u> </u>	<u> </u>	<u> </u>	
	Rock 0		10	0	Ö		Rock 🕢 🐠) C	<u> </u>			Rock 💿 🚳	0 0	<u> </u>	<u> </u>	
	Vater (+=	+=	0	10		Water	= +-	<u> </u>	3			Water 🕙 🕦	0	<u> </u>	<u> </u>	
	nerged @	1		0	<u>10</u>	-	Submerged (1)		<u> </u>	<u>5</u>			Submerged Vegetation	0	⊙ (O	
Vege	etation C	20/4	been	CO -		irm that	a filled data bubble indicates pr	esence	e and	an ur	nfilled	bubble ind		g this	bubb	le. 🧣)
	1112 1211		-				Hydrology Stress						Agricultural & Rui	al St	ress	ors	
	ntial an	_	-	T	3	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bubbl	e If present - Plot	1	2	3	Flag
Fill bubble If		- PIO	1-	1		Flag	Ditches, Channelization	0	0	0		Pasture/H	ay	0	0	0	
Road - grave			0	0	-	2	Dike/Dam/Road/RR Bed	0	ö	ŏ		Range		0	0	0	
Road - two la			0	1	-	3	(IMPEDE FLOW) Water Level Control Structure	-	0	ŏ		Row Crop	s	0	0	0	
Road - four I		1	0	+	0	1	Excavation, Dredging	0	0	o		Fallow Fle	eld (RECENT-RESTING	0	0	0	
Golf Course			6	_	-		Fill/Spoil Banks	0	0	0			eld (OLD - GRASS,	0	0	0	
Lawn/Park			To	+			Freshly Deposited Sediment	0	0	0		Nursery		0	0	이	
Suburban R	esidentia	ı	10	+		-	Soil Loss/Root Exposure	0	0	0		Dairy		0	0	이	
Urban/Multif			C	_	_	-	Wall/Riprap	0	0	0		Orchard		0	0	의	
Landfill	127119		C	-			Inlets, Outlets	0	0	0	٠	Confined	Animal Feeding	0	0	0	
Dumping			C	_			Point Source/Pipe (EFFLUENT OR STORMWATER)	0	0	이		Rural Re		0	의	의	
Trash			10	_	O		Impervious surface input (SHEETFLOW)	0	0	0		Gravel P	t	0	0	9	
Other:				_			Other:	0	0	0		Irrigation		9	0	0	
Other:				0	O		Other:	0	0	0		Other:		0	O	0	
Indust	trial Dev	/elop	men	t Str	8 \$\$0	rs		. 1	labit	at/Ve	egeta	tion Stre	ssors				
Fill bubble				1 2	_	Flag	Fill bubble if present - Plot	1	2	3	Flag	Fill bul	oble if present - Plot	1	2	3	Flag
Oil Drilling			1	0	0		Forest Clear Cut	0	0	0		Herbicide	Use	0	0	0	_
Gas Wells			- 27			_	Forest Selective Cut	0	0	0		Mowing/S	Shrub Cutting	٥	•	0	5
Mine (surfa	ica)	_	-			_	Tree Plantation	0	0	0		Trails		0	0	0	
Mine (unde		_	+	_			Tree Canopy Herbivory	0	0	0		Soil Com	paction R HUMAN)	0	0	0	
	ngiouna)		-	-	-	_	(INSECT) Shrub Layer Browsed	0	0	0		-	ehicle damage	0	0	0	
Military			_	_		+	(WILD OR DOMESTIC) Highly Grazed Grasses	0	0	0			ON (FROM WIND, WATER,	0	0	0	
Other:				-		_	(OVERALL HIGH) Recently Burned Forest</td <td>0</td> <td>0</td> <td>0</td> <td></td> <td>OR OVERU</td> <td>SE)</td> <td>0</td> <td>0</td> <td>0</td> <td></td>	0	0	0		OR OVERU	SE)	0	0	0	
Other:			-	_			Canopy Recently Burned Grassland	-				Other:		0	0	0	
Other:			.				(BLACKENED)	0	0	0	laned	_	f crew.		_		
					E	xpiain a	Suspect measurement., F1,F2, etc il flags in comment section on the i	ack of	this fo	orm ses es	Huga	oy vacii ndi	242	816	830	1 (
Bu	uffer Sam	ple Pl	ots	05/2	7/20:	11			12		10					-	_

• FO	RM	B-1	: E	BUFF	ER SAMPLE PLOTS -	TAF	RGE	TEC) ALI	EN SPECIES (Back) Reviewed by	/ (Initial):		
Site ID:	P	CA	P	NO	C 1360	DAT	E: _(<u>8.c</u>	3_1_0	0.1.2013				
Confirm	a fille	d da	ta bı	ıbble ir	ndicates presence and an unf	illed I	bubbl	le Inc	licates	absence by filling in this bubi	ble			
Fill bubble if present - Plot	1	2	3	Flag	FIII bubble if present - Plot	1	2	3	Flag	Fill bubble if present - Plot	1	2	3	Flag
Eurasian Watermilfoil	0	0	0		Purple Loosestrife	0	0	0		Johnson Grass	0	0	0	
Water hyacinth	0	0	0		Knotweed	0	0	0		Kudzu	0	0	0	
Yellow Floating Heart	0	0	0		Japanese Knotweed	0	0	0		Multiflora Rose	0	0	0	
Giant Salvinia	0	0	0		Perennial Pepperweed	0	0	0		Common Buckthorn	0	0	0	
Garlic Mustard	0	0	0		Giant Reed	0	0	0		Himalayan Blackberry	0	0	0	
Poison Hemlock	0	0	0		Cheatgrass	0	0	0		Tamarisk	0	0	0	
Mile-A-Minute Weed	0	0	0	-	Reed Canary Grass	0	0	0		Other:	0	0	0	
Birdsfoot Trefoil	0	0	0		Common Reed	0	0	0		Other:	0	0	0	
Canada Thistle	0	0	0		Leafy Spurge	0	0	0		Other:	0	0	0	
	- Jan									Other:	0	0	0	
		6			PLOT COORI	DINA	TES							
Location of coordinate O AA CENTER O N	3 (O S	3	O E3	O W3 O Nearest pra	Lon	gitud	de V		and comment below)	8		Fla	ng
Flag Comments						1								
1 Only was	al	ોહ	+	0	ralk 20 meter	- ک	44	0 m	B	Pagthen hit	e x	o pe	tre	У
line.											4			,
2 Strawbe	m	, [ىم	ne	about 10 meter	15	S	00-	th	from all BP	0	ohr	, +,	s.
3 S.O.M.	7	Le	<u>n+</u>	25	Road west	04				point.	1			
4 small o	ar				0	as	_	3-f	ŗ	3P2				
5 Previous			- O	red		F	P 2		P3					
	1		0 4			1	1		<u>, </u>					
		·										.0.000		
	-													
1 10 10 10 10 10 10 10 10 10 10 10 10 10		ORIGINAL STREET						950	w con	EMERSON WARRED TO STUDY				
Buffer Sample Po	oints	- Tar	geted	d Alien :	Species 05/27/2011					796	662	354	в (0