Project Label: CLEVELAND METROPARKS Plant Community Assessment Program: Quality Control Form Comment required if item answer is NO

Y

N

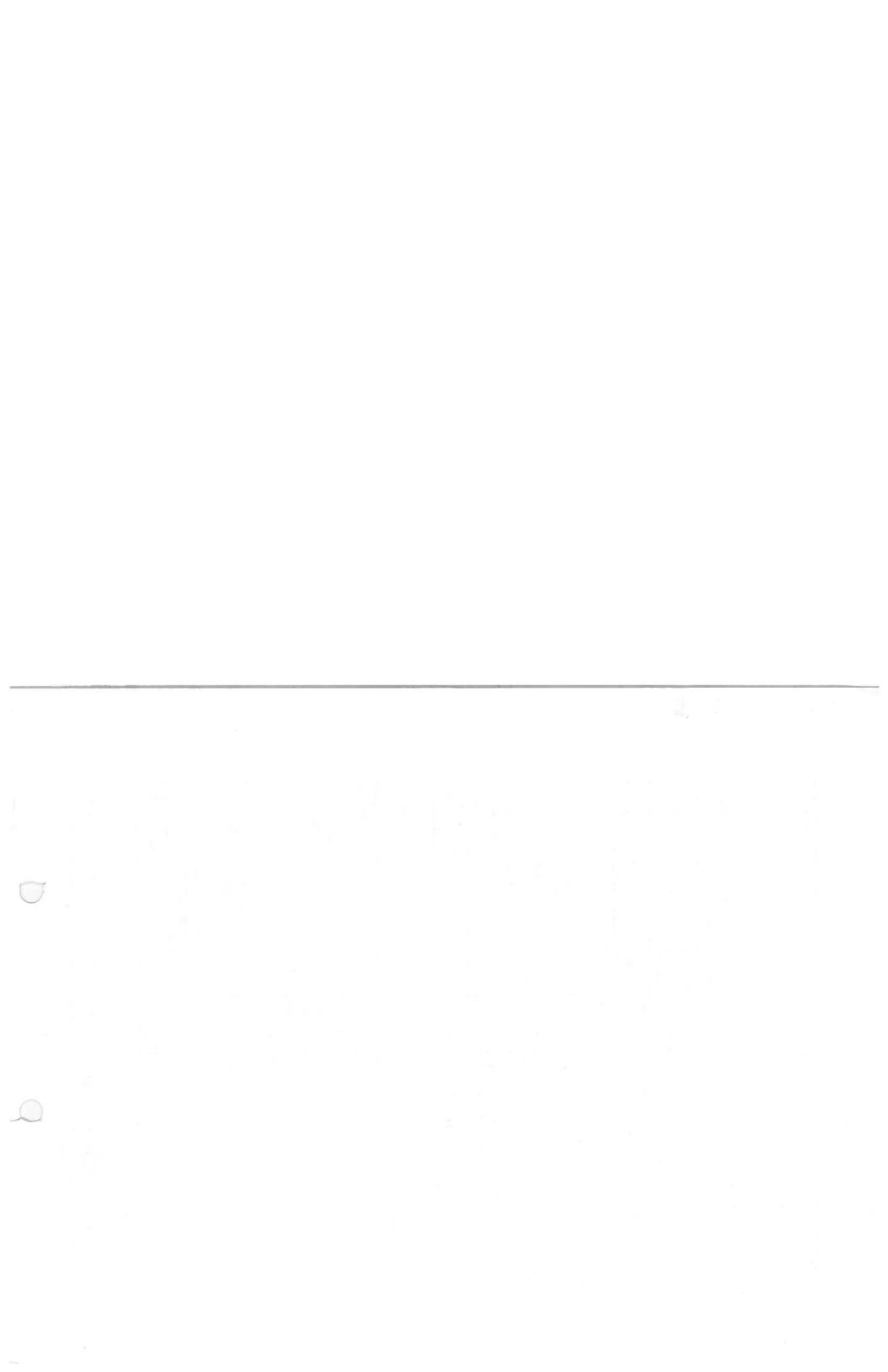
If yes, write details in Comments section below Program: Quality Control Form & Projection of Metrograms:
Plot No: 3392 Date Sampled Decoration Lead: + USEN W. M.

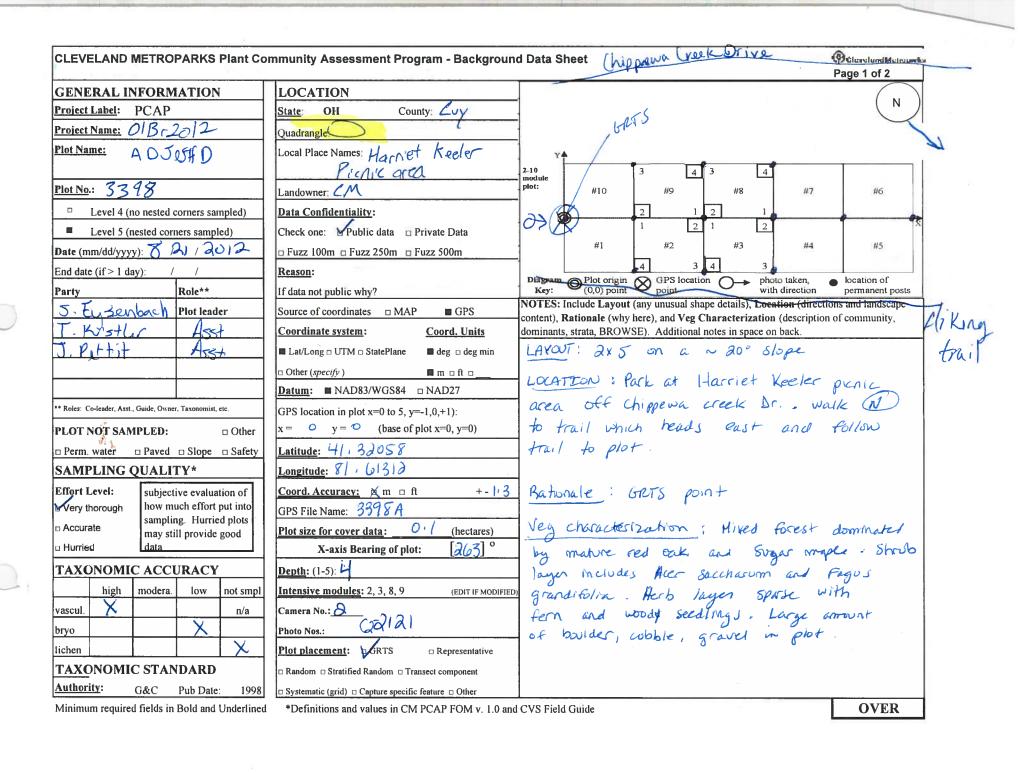
Parking/Access outside of Park Boundaries:	Park Boundaries:	×	Z	If yes, write details in Comments section below
Field journals completed		~	z(	
Site sketch made on 1:3000 map?	map?	3	z	
Check cover page X-a	X-axis Bearing of plot recorded	3	z	
GPS	GPS coords, Recorded	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	z	
Nor	North direction recorded		z	
Pho	Photographs taken?	A)	z	
Plot No., Date agreement on all pages?	n all pages?	۲(	z	
Header data completed all pages?	pages?	~	z	
Cover classes recorded in all Intensive modules	ll Intensive modules	(	z	
Browse Level By Species		<b>Q</b>	z	
Woody stem quality control check	l check	3	z	
Invasive plant quality control check	ol check	E	z	
Ash trees mapped		W)	z	NJA
Cover by Strata? (confirm cover type)	over type)	۲	z	
Soil samples collected with matching plot #	n matching plot #.	(3)	z	
Vouchers labeled on datash	Vouchers labeled on datasheet with initials and number	Y	z	NJA
Vouchers labeled on collection bag	ion bag	~	z	A/A
Pink flags removed		Q	z	
Data sheet QA before leaving site?	ng site?	(3)	z	
Common equipment returned to tub	ed to tub.	Y	z	
Data sheets scanned?		४-३२-12	ı	Enter date to left
Final data sheets scanned?				Enter date to left
Buffer Widths measured?	I	0	z	TP 8-32-12
Web Soil Survey		Q	z	76 8-22-12
Voucher Location Refr	Refrigerator	Y	z	
(# vouchers collected) Press (#)	s (#)			Enter number to left
Drier	5	~	z	
Iden	Identified	~	z	
Mou	Mounted	~	z	
Thro	Thrown away	4	z	

GRTS point verificat	GRTS pojat verification: Is plot sampleable?
Yes	Original GRTS point is sampleable
□ No	Original GRTS point lands in a non-sampleable area (fill in category below)
	☐ Point falls in a water (i.e. river, lake)
	☐ Managed mowed area (i.e. golf course, picnic area, right-of-way)
	Paved area (i.e. parkinglot, road)
	□ Unsafe to sample (i.e. steep stope)
	□ Other
Additional Comments:	\$3:

PCAP Data Quality Control 2011.xls last revised 6/20/2011 ceh

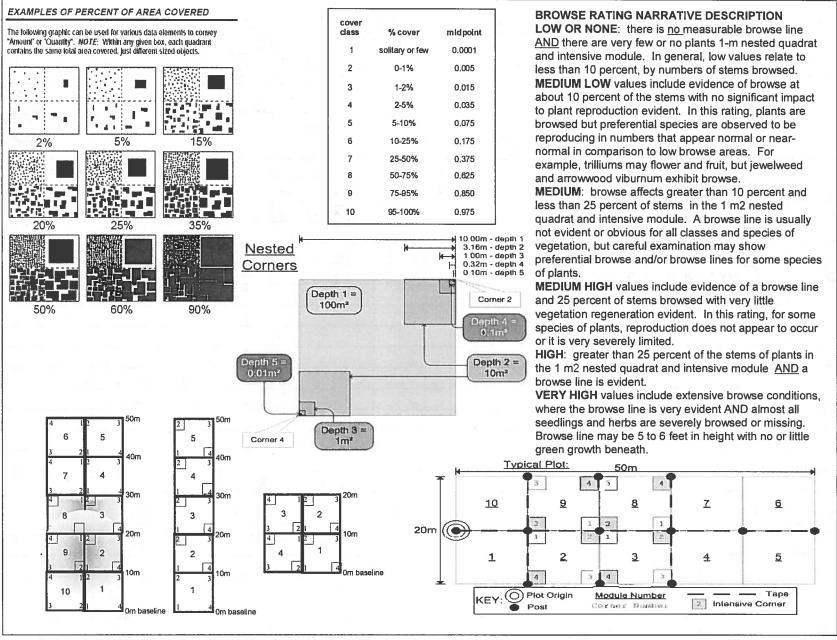
Natural Resources Mangement Form NR/2011





CLEVELAND METROPARKS Plan	•	•	_				3318	(PGlurulundMutruperka
	Label: PCAP	Proj	ject Name: <u>O/B</u> 12		4	Plot No.:	<u> </u>	Page 2 of 2
MODIFIED NATURESERVE CLASS*  CODE (on separate form):	Fit=\(\frac{\chi^{\chi}}{\chi}\) Conf=\(\frac{\chi^{\chi}}{\chi}\)		type*	RBANCES severity**	yrs ago	% of plot	description	·
CODE (on separate form).	7 to 1 to		Human	severity	yrs ago	70 Or plot	description	
D			Natural					
COMMUNITY NAME:			Fire					
Mixed			Cut				30 O mad	
Maxee			Animal	mH	0	100	Deer Brow	28
			Other				-	
HOMOGENEITY			**L=low	ML=med lov	v, M=med	l, MH=med	high, H=high, VH=ve	ery high
Homogeneous   Composi	tional trend across the plot		Current	and Use:	Park	·		
□ Conspicuous inclusions □ Irregular/	pattern mosaic		Former 1	and Use:	Unk			
	HYDROLOGIC RE	GIME*						
	Upland (seldom flooded	)	□ Intermittently flo	oded				
SALINITY*	☐ Intermittently/seasonally	saturated	□ Semipermanentl	flooded				
□ Saltwater	(seldom flooded)		□ Permanently floo	ded				
□ Brackish	□ Permanently/Semiperma	nent. saturated	□ Tidal/Seiche floo	ded daily				
□ Fresh	(dry <1/yr, seldom flood	led)	□ Tidal/Seiche floo	ded monthly				
Upland (n/a)	□ Occasionally flooded (<	1/yr)	□ Tidal/Seiche floo	ded irregular				
	☐ Temporarily flooded		(e.g. wind, stori	ns)				
(by default unless plot is a wetland)			□ Unknown		_			
Additional notes & diagrams: (Representation of the property o	hativeness of plot to the stand, succe hot was vory di	ssional statys, m	to dig du	e to ti	he nu	Merous	rocks thi	roughout the
The herb layer is	depurperate	W/many	species	brow	nt.	wrint	by from	the drough
Browse was price	Jo invasives of	ther b	elellings	. The	grour	ed ho	s abonua	in the solut
Whiking trail t	o the North	of th	uplot b	e mu	the	Luic	line of 1	wman
disturbance in the	re plot - We co	outed als	so hear	Chip	pom	a Cr	eek Rook	ed from th
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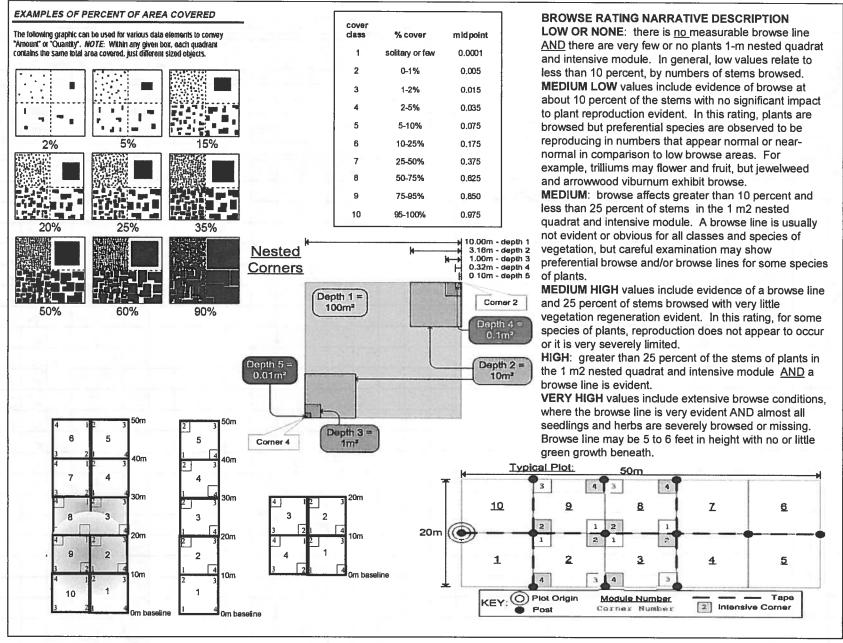
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2bCM PCAP Species Cover Data Sheet Back Page\_ver 1.3.ppt

Natural Resources Management FORM NR/2010-02b

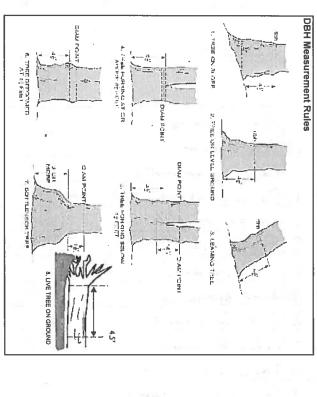
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2aCM PCAP Species Cover Data sheet Page 1 of x_ver 3.xis last revised 5/29/2012 ceh  Natural Resource Management FORM NR/2010-02a	پ			<u></u>	<u></u>	_	Course Date - track D	4 -for comp 0 -t- t t *	150	) 0/0040	1		<u> </u>					H.D.			!			l				

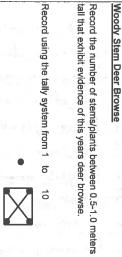


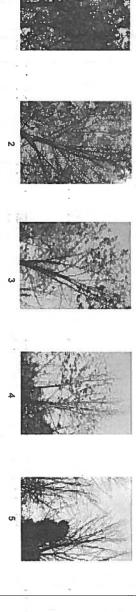
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Natural Resources Management FORM NR/2010-02b

	VELAND METROPARKS Plan Project Label:							- apla			3398		Page:		of .	(A) Clevel	and Metropark
	Explain subsample (additional room o	n ba	ck):														
				# stems	% sub	i	1	s (cm) woo	1	1							
od#	# species	c	voucher#	0-1.4m browsed	or super sample	shrub	0-<1	2 1-<2.5	3 2.5-<5	4 5-<10	5 10 - <15	6 15 - <20	7 20 - <25	8 25 - <30	9 30 - <35	10 35 - <40	11 >40 (record eac
Ī	Acer succharum						• •	L	•		•		•		•		54.2,
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3	Acer sauharum	3				34.8			•				Text 11				49.5
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4	Fagus avantitolia							:	•	1							
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4	Nyssa sylvatica																51.8
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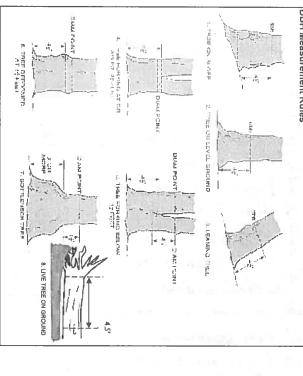
## ASH CANOPY CONDITION

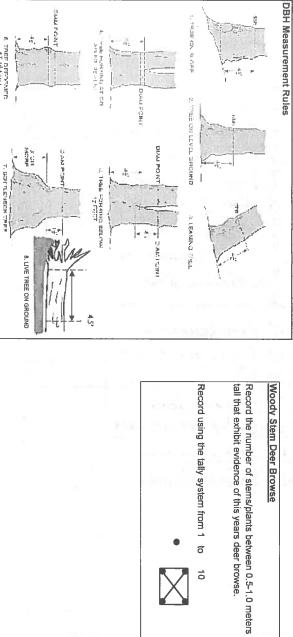
- Healthy, full canopy: A healthy ash canopy is normally thinner than many other trees such as maple.
   Thinning canopy: There aren't as many leaves as there ought to be, but all top branches exposed to sunlight have leaves.
   Dieback: Canopy is thinning and some top branches exposed to sunlight are dead (have no leaves). Lower branches, not exposed to sunlight, die naturally and are not considered.
   So% 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.
- ⊳ O П

# 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.

CL		Fixed Project Label:  Explain subsample (additional room of		PCAP			_		_			3398		Page:	<u>a</u>	of	P Clevel	and Metroparks
mod		species	c	voucher#	# stems 0-1.4m browsed	% sub or super sample	# shrub clumps	1	2 1-<2.5	ody stems : 3 2.5-<5	4	5 10 - <15	6 15 - <20	7 20 - <25	8 25 - <30	9	10 35 - <40	11 >40 (record each tree
-	7	Quercus rubra		7040110111			dampo			2.0	0 10		10 20	20 20	20 00			70.0
		Enonymous obovatus																
J	7	Acer suchanum						•	1:	1:					•			41.6,50.7
17		Fagus grandifolia	100					R.										
18	3	Fagus grandifolia Acer sucharum						•			L							68.Ø
119		Acer saccharum						- TAN 1929	<b>X</b> :									
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1 De	2	Vibumun quadollum			•						• 4							
4 10	2	Acer saccharum	J.					•			•							
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111	8	Prunus serotina Standing dead Smilax rotundifdia Undera benzoin Smilax hispida								•								
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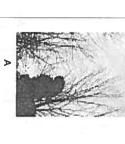




ASH CANOPY CONDITION



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 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.
 >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.



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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.

3bCM PCAP Ash\_Cheat Sheet ver 2.0.xls5/29/2012ceh

Natural Resources Management FORM 2010-3b

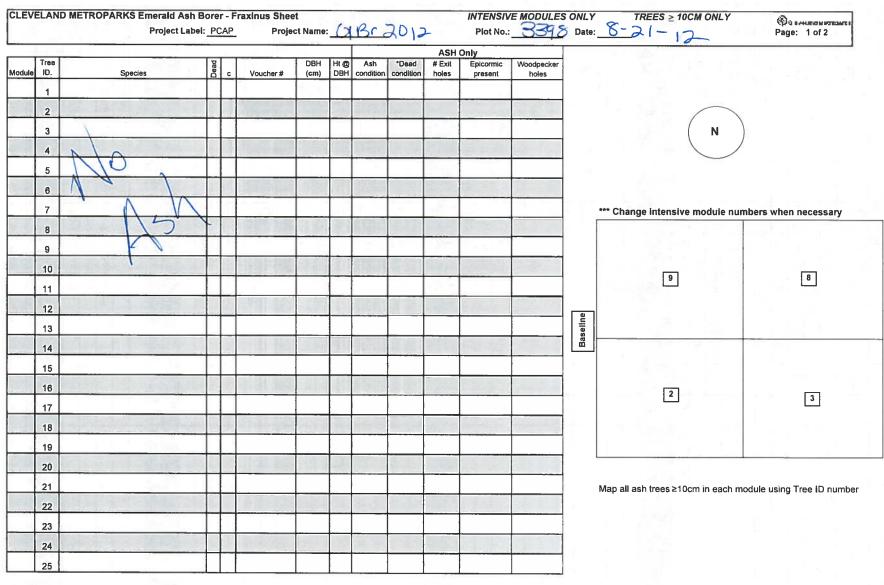
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(Cleveland Metroparks

Lesser Celandine   Lesser Cela	Tier 1: Early detection/ Rapid response	1/ Rapid response	Presence GPS	
I Lesser Calandine  (wine) Black Swallow-wort  (wetland) Flowering Rush  (wetland) Flowering Rush  Norway Maple  Tree of Heaven  (wine) Japaness Honeysuckle  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (wetland) Private Loosestrife  (shrub) Lapaness Barberry  (shrub) Lapaness Barberry  (shrub) Lapaness Barberry  (shrub) Lapaness Barberry  (shrub) Lapaness Barberry  (shrub) Wintercreeper  Wintercre		V	SE SW	Presence
Lesser Calendine   (wetland)   Flowering Rush	Microstegium vimineum	Japanese stiltgrass		X: yes
(wetland) Flowering Rush  Iter 22. Assexs as Needed  Iter 22. Assexs as Needed  Norway Maple  Tree of Heaven  (vine) Japanese Honeysuckle  (wetland) Purple Loosestrife  a (G-cover) Bishop's Goutweed  (wetland) Purple Loosestrife  Poison Henlicck  Poison Henlicck  Poison Henlicck  Common Buckthorn (shrub)  Japanese Barberry  Recover) Common Buckthorn (shrub)  Japanese Barberry  (Shrub)  Japanese Barberry  (Shrub)  Japanese Barberry  (Shrub)  Japanese Barberry  (Shrub)  Japanese Barberry  (Shrub)  Japanese Barberry  (Shrub)  Japanese Barberry  (Shrub)  Japanese Barberry  Wintercreeper  Autumn Olive	Ranunculus ficaria	Lesser Celandine		
Interest   Interest		_		
International Comments   For Plants   Comments				
Iter Zz Assess as Needed	zianum	${} \rightarrow$		
Norway Maple   New Sw   NW   Norway Maple   Tree of Heaven   (wetland)   Surple Loosestrife   (wetland)   Surple Loosestrife   (wetland)   Surple Loosestrife   (wetland)   Surple Loosestrife   (wetland)   (wine)   Japanese Honeysuckle   (wetland)   (wine)   Japanese Barberry   (shrub)   (wetland)   (wet	Tier 2: Assess	as Needed		
Norway Maple		· · · · · · · · · · · · · · · · · · ·	SE SW NW	# of Plants
Tree of Heaven   (vine)   Japanese Honeysuckle   (wetland)   Purple Loosestrife	Acer platanoides			1: 1-10
(wine) Japanese Honeysuckle (wetland) Purple Lossestrife  a (G-cover) Bishop's Goutweed (vine) Asian Bittersweet (wine) Asian Bittersweet (Lormon Buckhorn (shrub) (Lordon Buckhorn (shrub) (Lordon Buckhorn (shrub) (Lordon Buckhorn (shrub) (Lordon Buckhorn (shrub) (Lordon Buckhorn (shrub) (Lordon Vetch (G-cover) Lily of the Valley (G-cover) Lorgon Canderry (wetland) Vellow Flag Iris (G-cover) Lorgon Canderry (wetland) Vellow Flag Iris (G-cover) Lorgon Canderry (wetland) Vellow Flag Iris (G-cover) Lorgon Canderry (wetland) Vellow Flag Iris (G-cover) Lorgon Canderry (wetland) Vellow Flag Iris (G-cover) Lorgon Canderry (wetland) Prize (shrub) (G-cover) Lorgon Canderry (wetland) Prize (shrub) (G-cover) Lorgon Canderry (wetland) Prize (shrub) (G-cover) Lorgon Canderry (wetland) Prize (shrub) (G-cover) Lorgon Canderry	Ailanthus altissima	Tree of Heaven		1 1
(wetland) Purple Loosestrife	onicera japonica (vine)			
(G-cover) Bishop's Goutweed   (inne) Asian Bittersweet		$\Box$		4: 101-1,000
(vine)   Asian Bittersweet   Hedgeparsiey   Hedgeparsiey   Poison Hemlock   Common Buckthorn (shrub)   AZ   3				
Hedgeparsley				
Poison Hemlock	Torilis sp.	Hedgeparsley		
Common Buckthorn (shrub)   Ad   A	Conium maculatum	Poison Hemlock		
Lapanese Barberry   (shrub)   Ad	Rhamnus cathartica	orn		
European Alder  Cut-leaf Teasel Autumn Olive Amur Honeysuckle (shrub) Wintercreeper  Gr-cover) Lily of the Valley (G-cover) Crown Vetch (G-cover) Linguage (shrub) Siglauca  Gradat thistle Comen)  Cut-leaf Teasel (shrub) Wintercreeper  # of Plants  comments  # of Plants  www  # of Plants  # of Plants  comments  # of Plants  www  # of Plants  # of Plants  comments  # of Plants  www  # of Plants  www    Ne   SE   Sww   Nww    Ne   SE   Sww   Nww    Ne   Se   Sww   Ne   Sw	Berberis thunbergii		<u> </u>	
Cut-leaf Teasel   Autumn Olive   (shrub)	Alnus glutinosa	European Alder		
Autumn Olive (shrub)  Amur Honeysuckle (shrub)  (G-cover)  (G-cove	Dipsacus laciniatus	Cut-leaf Teasel		
Amur Honeysuckle (shrub)   Wintercreeper   Wintercreeper   Workerst   # of Plants   Comments	Elaeagnus umbeliata			
Wintercreeper   Wintercreeper   Wintercreeper   Wintercreeper   Wintercreeper   Wintercreeper   Wintercreeper   Wintercreeper   Wintercreeper   Wintercreeper   Wintercreeper   Uily of the Valley   G-cover)   Lipy of the Valley   G-cover)   Lipy of the Valley   G-cover)   Lipy of the Valley   G-cover)   Lipy work   G-c	Lonicera maackii			
(G-cover) Lily of the Valley (G-cover) Lily of the Valley (G-cover) Lily of the Valley (G-cover) Lily of the Valley (G-cover) Lipy of the Valley (G-cover) Lippanese Pachysandra (G-cover) Japanese Pachysandra (G-cover) Lungwort (G-cover) Lungwort (Wineberry (wetland) Yellow Flag Iris  um (wetland) Yellow Flag Iris  Luropean Cranberry (shrub)  Bush Honeysuckles (shrub)  Garlic Mustard Common Privet (shrub)  Garlic Mustard Common Privet (shrub)  Bush Honeysuckles (shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Garlic Mustard (Shrub)  Camada thistile Common Teasel  Dame's Rocket (G-cover)  Dame's Rocket	Euonymus fortunei	Wintercreeper		
(G-cover) Lily of the Valley (G-cover) Lily of the Valley (G-cover) Crown Vetch (G-cover) Japanese Pachysandra (G-cover) Japanese Pachysandra (G-cover) Lungwort (Wineberry (wetland) Yellow Flag iris  um Star of Bethlehem pullus European Cranberry (shrub) (Sar of Bethlehem (Star	Tier 3: Presence		# of Plants	
(G-cover) Luny Of une variety (G-cover) Crown Vetch Shyllus Five-leaf Aralia (shrub) Shyllus Five-leaf Aralia (shrub) S (G-cover) Japanese Pachysandra S (G-cover) Lungwort Wineberry (wetland) Yellow Flag Iris  um Star of Bethlehem pullus European Cranberry (shrub) Doublefile Viburnum (shrub) Doublefile Viburnum (shrub) Doublefile Viburnum (shrub) Common Privet (shrub) Bush Honeysuckles (shrub) Common Phragmites  Reed Canarygrass (wetland) Phragmites Japanese Knotweed Glossy Buckthorn (shrub) J Multiflora Rose (shrub) Canada thistle Common Teasel Dame's Rocket (G-cover) Periwinkle Common Teasel Common Periwinkle		lity of the Vailor	SE SW	# of Plants
hyllus Five-leaf Aralia (shrub)  (G-cover) Japanese Pachysandra  (G-cover) Lungwort  (Wineberry  (wetland) Yellow Flag Iris  um Star of Bethlehem  pulus European Cranberry (shrub)  Compean Cranberry (shrub)  Doublefile Viburnum (shrub)  Garlic Mustard  Common Privet (shrub)  Bush Honeysuckles (shrub)  Presence  Common Privet (shrub)  Garlic Mustard  Common Privet (shrub)  Bush Honeysuckles (shrub)  Japanese Knotweed  Glossy Buckthorn (shrub)  Japanese Knotweed  Glossy Buckthorn (shrub)  Multiflora Rose (shrub)  Canada thistle  Common Teasel  Dame's Rocket  (G-cover) Periwinkle		_		- 1
(G-cover) Japanese Pachysandra  s (G-cover) Lungwort  Wineberry  (wetland) Yellow Flag Iris  um Star of Bethlehem  pulus European Cranberry (shrub)  Doublefile Viburnum (shrub)  Common Privet (shrub)  Bush Honeysuckles (shrub)  Reed Canarygrass  (wetland) Phragmites  Japanese Knotweed  Glossy Buckthorn (shrub) J  Japanese Knotweed  Glossy Buckthorn (shrub) J  Garlis (wetland)  Canada thistle  Common Teasel  Dame's Rocket  (G-cover) Periwinkle	leutherococcus pentaphyllus	Five-leaf Aralia		
Mock Orange (shrub)   Iungwort		Japanese Pachysandra		4: 101-1,000
(G-cover)   Lungwort   Wineberry   Wineberry   Wineberry   Wineberry   Wineberry   Wellow Flag Iris   William   Star of Bethlehem   Doublefile Viburnum (shrub)   Presence   Common Privet (shrub)   Presence   Common Privet (shrub)   William   Star of Bethlehem   William   Star of Bethlehem   William   Star of Bethlehem   William   Star of Bethlehem   William   Star of Bethlehem   William   Star of Bethlehem   William   Star of Bethlehem   William   Star of Bethlehem   William   Star of Bethlehem   William   Star of Bethlehem   William   Star of Bethlehem   William   Wi	Ĭ.	Mock Orange		5: >1,000
Wineberry   Wineberry   Wineberry   Wineberry   Wineberry   Star of Bethlehem   Star of Bethlehem   Doublefile Viburnum (shrub)   Presence   Comments		Lungwort		
(wetland) Yellow Flag Iris   um Star of Bethlehem   pulus European Cranberry (shrub)   Doublefile Viburnum (shrub) Presence   :Widespread and abundant NE SE SW NW   Garlic Mustard A A A B B SW NW   Common Privet (shrub) A A B B SW NW   Common Privet (shrub) A B B SW NW   Common Privet (shrub) J B B SW NW   Reed Canarygrass J B B SW Honeysuckles (shrub)   (wetland) Phragmites   Japanese Knotweed J B SW NW   Japanese Knotweed J B SW NW   Glossy Buckthorn (shrub) J B SW NW   Glossy Buckthorn (shrub) J B SW NW   Gardada thistle J B SW NW   Canada thistle J B SW NW </td <td>tubus phoenicolasius</td> <td>Wineberry</td> <td></td> <td>Terrotovico<sup>2</sup></td>	tubus phoenicolasius	Wineberry		Terrotovico <sup>2</sup>
um Star of Bethlehem pulus European Cranberry (shrub) Presence comments  SWifespread and abundant Privet SE SW NV  Garlic Mustard Shrub) Common Privet (shrub) Reed Canarygrass (wetland) Phragmites  (wetland) Phragmites  Japanese Knotweed I Glossy Buckthorn (shrub) J Glossy Buckthorn (shrub)				
pullus European Cranberry (shrub)  Doublefile Viburnum (shrub)  Respread and abundant  Garlic Mustard  Common Privet (shrub)  Reed Canarygrass (wetland)  Phragmites  Japanese Knotweed  Glossy Buckthorn (shrub)  Garlis (wetland)  Canada thistle  Common Teasel  Dame's Rocket  (G-cover)  Periwinkle	rnithogalum umbellatum	Star of Bethlehem		
Doublefile Viburnum (shrub)   Presence   Comments	iburnum opulus var. opulus	1		
## Common Privet (shrub)	iburnum plicatum	ournum		
Garlic Mustard  Garlic Mustard  Common Privet (shrub)  Reed Canarygrass  (wetland) Phragmites  Japanese Knotweed  Glossy Buckthorn (shrub)  Multiflora Rose (shrub)  Cattails (wetland)  Canada thistle  Common Teasel  Dame's Rocket  (G-cover) Periwinkle	Tier 4: Widespread		Presence	
Common Privet (shrub)			W H	Presence
Common Privet (shrub)	Iliaria petiolata			X: yes
Reed Canarygrass  (wetland) Phragmites  Japanese Knotweed  Glossy Buckthorn (shrub)  Multiflora Rose (shrub)  glauca Cattails (wetland)  Canada thistle  Common Teasel  Dame's Rocket  (G-cover) Periwinkle	igustrum vulgare			
(wetland) Phragmites  Japanese Knotweed  Glossy Buckthorn (shrub)  Multiflora Rose (shrub)  Japanese Knotweed  Multiflora Rose (shrub)  Cattails (wetland)  Canada thistle  Common Teasel  Dame's Rocket  (G-cover) Periwinkle	. morrowii, L. tatarica	SS		, and a second
Japanese Knotweed  Glossy Buckthorn (shrub)  Multiflora Rose (shrub)  glauca Cattails (wetland)  Canada thistle  Common Teasel  Dame's Rocket  (G-cover) Periwinkle		Reed Canarygrass		
glauca Cattails (wetland) Common Teasel Dame's Rocket (G-cover) Periwinkle		Finagnites		
ora Multiflora Rose (shrub)   International (shrub)	olygonum cuspidatum			
itifolia, T. x.glauca Cattails (wetland)  inse Canada thistle  lonum Common Teasel  tronalis (G-cover) Periwinkle	rangula ainus	3		
Inclid, 1. x. glauca Cattalis (wettalid)  Inse  Canada thistle  Common Teasel  tronalis  (G-cover) Periwinkle	-	122		
Inse Callada triistie  Conum Common Teasel  tronalis (G-cover) Periwinkle	-	-		
tronalis (G-cover) Periwinkle	orsium arvense	Campa Tassi		
(G-cover) Periwinkle	olpsacus rulionum	Common reaser		
(G-COVEL) FELIMINAE	tronalis	Dame's Rocket		
		reriwinkle	perito # of colonies and natch size (S.M. I.)	_

Note: For Ground-cover plants record "stem #" but in comment field describe # of colonies and patch size (S,M, L)
4bCM PCAP Invasive species datasheet.xls last revised 5/29/2012 ceh

Natural Resoures



\* 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 Plant Community Assessment Program - Plant Cover and Earth Surface
Project Label: PCAP Project Name: 0 8 2012

Plot No.: 3398

(Discretism d Metropanto Page: 1 of 1

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

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

LLED OUT USING GIS	PROGRAM	I - DO NOT FI LFI*	ILL OUT IN I	FIELD)
At aspect	N	T	[	LFI is angle of
+45 degrees	NE			plot to the
+90 degrees	E			angles formed b
+135 degrees	SE			TSI measure angle from
+180 degrees	S			recorders eye to
+225 degrees	sw			eye of person standing -10 m
+270 degrees	w			away
+315 degrees	NW			

MICROTOPOGRAPHIC FEATURE COUNTS - Intensive modules only

anks for microhabitat features. Select one or select two and average the score.NOTE: If mod fells on a slope automatically gets ranked based on steepness (1-3) to begin + any features present

feature is absent or functionally absent from the wetland

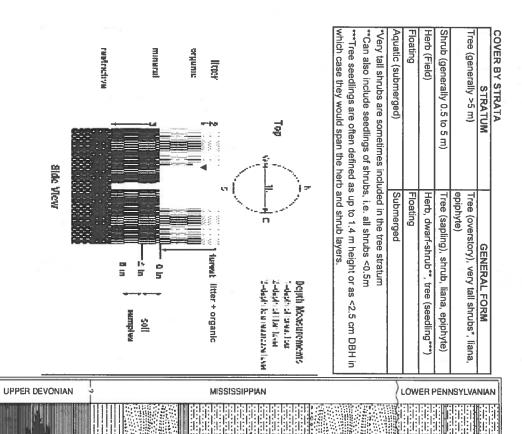
3 feature is present in the wetland in very small amounts or if more common, of low quality

feature is present in moderate amounts, but not of highest quality, or in small amounts of highest quality

		na, of tussocks	no of hummocks uplands (Tip-Ups)	no. macro. depressions	c.w d (2-12 cm)	c.w.d (12-40cm)	c.w.d >40 cm	microhab, interspers.	microhab.
mod#	corner	depth 3 lx1m (count)	depth 2 3 16x3 16m (count)	depth 1 10x10m (count)	depth 1 10x10m (count)	depth I 10x10m (count)	depth 1 10x10m (count)	depth 1 10x10m (rank)	SLOPE 10x10m (rank)
2	-	.0	O	6	10	O		2	1
3	_	. 6	0	0	7	2		2	1
8	_	0	0	0	10	0	0	2	
9	_	0	0	Ø	9	2	0	2	2

CROWN COVER (DENSIOMETER). Make 4 readings per module facing N, S, E, W. Place dot count in

corresonding s	pace (4 dots pe	er grid square	:)	
Module	N	s	E	w
2	3	4	a	2
3	5	3	4	4
8	4	4	3	2
0	4	3	2	5



Cuyahoga Formation\*

Black Hand Sandstone Member is one of the more persistent units

Berea Sandstone\*

Sunbury Shale

Bedford Shale"

Cleveland Member\*

Logan Formation\*

Allensville Corglomerate Member

Byer Sandstone Member\*

Vinton Sandstone Member

Patsvale Group\*

Barne Congiomerate Member

FIGURE 3-20.—Generalized section of Upper Dermina, Misiasippian, and Lower Pennsylvanian formations in northesteern Ozco Assertiks indicate unit that as desaliferous. This composite section extresses about 400 meters of rock seposed across the area. The section is not to scale, but the shirdnesses indicated are proportional. The section is not to scale, but the distribution of creat to Missurppian roles in Octo. Some geologica uses the farming of the formation of the US Many units have been named within the Guyahays Farmation, but now units are local and cannot be traced over great detrances. The Black Hand Member 1s a spectacular mansive analstone than 1s fairly videospread out discontinuous. See Hyde (1853), Hower (1860), and Collins (1878) for mere information on Mississippian rocks in Ohio. See figure 3-16 or explanation of rock types.

Ohio Shale

Chagrin Member\*

Huran Member\*

CLEVELAND METROPARKS Plant Community Assessment Program - Soils, Crown Cover, Standing Biomass Data Sheet 6a
Project label: PCAP Project Name: 0 By 2012 Plot No.: 3398

© Cicycland Metroparks

Page: 1 of 1

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

Soil pit r	module # 3 jone per entire plot)
	matrix color 10 YR 2/2
	mottle color
	%mottle
	oxid roots Y
	texture*
	redox features** Y
	hydr. cond.*** I S M (D)
20 cm	matrix color 10 YR 312
	mottle color
	%mottle
	oxid roots Y
	texture*
	redox features** Y N
	hydro_cond.*** I S M

\*\*\* Circle one:

I=indundated S=saturated M=moist D=dry

Notes: include evidence of earthworms (worms, castings, middens)

No earthworms in Seil Pit, Costing found around plot

refer to texture classes on reverse side

\* e.g. hydrogen sulfide odor, gleying, etc.

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

9 composited	l a l
Sull Survey Differentiation	
Series/Type: EIB, EIIS	worth Silt Loan
Series Source: Ohio Soil St	ırvey
form type: End mo	raines
a to rest. Layer: 780°	•
t Material: Till	
INAGEO	
cessively dr.	nat excessively
Il drained X Modern	ately well dr.
newhat poorly dr.   □ Ve	ery poorly dr.
ll drained X Modern	ately well dr.

		initial C		
SOIL DEPTH MEASUREMENT:				
	4.4		 -	

l	record a	s >30			
	mod#	1 litter+ organic depth (cm)	2 litter depth (cm)	water depth (cm)	depth sat
	2	5.2	5.2	0	730
	3	1.	1.1	0	730
	8	2,4	2.4	. 0	730
	9	2.6	2.6	0	730

EARTH SURFA	CE & GROU	ND COVER	
Underlying Eartl	n Surface*	Ground Cover	
(Sum = 100%)	percent	(Each ≤ 100%)	percent
Histosol	Ø	Coarse Woody Debris***	5
Mineral Soil	23	Fine Woody Debris****	3
Gravel-Cobble*	75	Litter	96
Boulder**	2	Duff (Ferm.+ Humus)	Ø
Bedrock	Ø	Bryophyte- Lichen	2
* Gravel-Cobble =	= 1/16-10"	Water	0
**Boulder = > 10	in	Bare Soil	Ž.
*** >5 cm in dian	neter	Road/Trail	8
**** <5 cm in dia	meter	Other	

Strata	Height Range (m)	Total Cover (%)
Tree	75	83
Shrub	.5.5	78
Herb	<,5	8
Floating)*	_	
Aquatic)*		

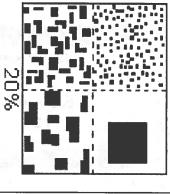
TRAIL INFORMATIO	Ni
record type and cover fo	or each
Туре	%Cover
□ All Purpose	
□ Bridle	
□ Hiking sanctioned	
☐ Bootleg unsanctioned	
□ Gravel	
□ Deer	

STAND SIZE

| >600 x plot size
| > 100 x plot size
| 10-100 x plot size
| 3-10 x plot size
| 1-3 x plot size
| < plot size

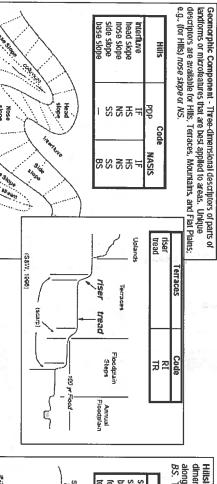
	20%		2%	2
<u> </u>				
മ്മ				•
3 5	≥ 20	đр	3	Many
<u> </u>	2 to < 20	#p =	C·	Common
0	- 2	ltr	_	Fow
, 5	Surface Area Covered	NASIS	Conv.	
- 2	Criteria: % of	Code	0	Class
S	3):	CLASS CODES	LES (USE	PERCENT MOTTLES (USE CLASS CODES):

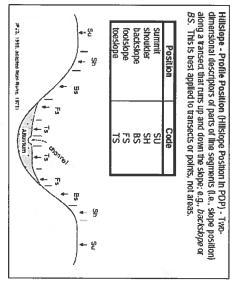
loes not freely flow from the sample when squeezed. Attempt to which form a ball but not a ribbon should be coded as loamy. oth a ball and a ribbon should be coded as clayey; samples and attempt to form a self-supporting ribbon. Samples which form oil does form a ball, squeeze the sample between your fingers oll the sample into a ball. If the soil will not stay in a ball and has nough that all of the particles are saturated but excess water f modeling clay/wet newspaper; the sample should be wet ne appropriate layer and moisten it with water to the consistency and 20 cm layers. To estimate texture, collect a soil sample from OIL TEXTURE: Record the code for the soil texture of the 5 cm grainy texture, the texture is either sandy or coarse sandy. If the 0= Organic



1= Loamy







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

UPLAND: Not a wetland. Very rarely flooded.

Pigher order stroppin (F15, 1965: adapted from Puine, 1975)

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

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

OCCASIONALLY FLOODED: Surface water can be present for brief periods during growing season, but not in most years. Often

characterizes flood-plain upper terraces.

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

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

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

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

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

6bCM PCAP Soils\_Crown cover\_Landform\_Back Page\_Ver 1.5.xls last revised 6/9/2011 jjm Natural Resources Mangement FORM NR/2010-06b

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

Strata Section: Fill in appropriate cover class bubble for each strata type for each plot. 0 = Absent; 1 = Sparse(<10%); 2=Moderate(10-40%); 3 = Heavy (40-75%); 4 = Very Heavy (>75%) Absent: C Flag Agricultural & Rural Stressors Stressor Presence/Absence - Confirm that a filled data bubble indicates presence and an unfilled bubble indicates absence by filling this bubble. 0000 0 0 0 0 0 0 0 Litter, duff O O O O 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2428168304 0 0 0 0 O 0 0 0 0 ①②②② Submerged O O 0 0 0 Woody Shrubs, Saplings O O (<0.5m HIGH) Herbs, Forbs and Grasses Bare ground O 🚳 O 0 O 0 0 8 Θ 0 0 Reviewed by (Initial) (2) Big Trees (>0.3m DBH) Small Trees (<0.3m DBH) Woody Shrubs, Saplings O O (0.5m-5m HIGH) 0 0 0 0 0 0 0 0 0 0 0 0 0 Ö 0 0 0 0 Fill in bubble(s) if plot(s) could not be sampled and flag Canopy Type: Leaf Type: 侧 Fill bubble if present - Plot Soil erosion (FROM WIND, WATER Fill bubble if present - Plot Fallow Field (RECENT-RESTING ROW GROP FIELD)
Fallow Field (OLD - GRASS, SHRUBS, TREES) Confined Animal Feeding Offroad vehicle damage Water Mowing/Shrub Cutting 218 Rural Residential Soil Compaction (ANIMAL OR HUMAN) Habitat/Vegetation Stressors nisc. flags assigned by each field crew. of this form Herbicide Use Pasture/Hay Row Crops OR OVERUSE Buffer Plot 3 Gravel Pil Imigation Orchard Range DATE: Other: O Plot 3 Dairy Trails PLE PLOTS (Front) Other: ( Absent: ( Flag Flag 0 0 0 000 0 0 0 0 m 0 ①①① ① ① 0 0 0 0 9 0 ⊙⊙⊙ 000 0 0 0 0 0 O Plot 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 2 ② 0 0 0 0 O 0 0 0 Hydrology Stressors O 0 0 O 0 Submerged Vegetation Flag codes: K = No measurement made, U = Suspect measurement, F1,F2, etc. = Explain all flags in comment section on the back FORM B-1: BUFFER SAM Canopy Type: Leaf Type: 🌑 Bare ground Water 🚱 🔾 Litter, duff Rock O Water Level Control Structure Fill bubble if present - Plot Freshly Deposited Sediment (UNVEGETATED) Soil Loss/Root Exposure Fill bubble if present - Plot O Plot 1 Canopy
Recently Burned Grassland
(BLACKENED) Point Source/Pipe (EFF.UENT OR STORMWATER) Impervious surface input (SHEETFLOW) Dike/Dam/Road/RR Bed (IMPEDE FLOW) Shrub Layer Browsed (WILD OR DOMESTIC)
Highly Grazed Grasses (OVERAL <7\* HIGH)
Recently Burned Forest Ditches, Channelization Excavation, Dredging ree Canopy Herbivory Forest Selective Cur Fill/Spoil Banks Forest Clear Cut Inlets, Outlets Tree Plantation Wall/Riprap Buffer Plot 2 Other: Other: × o ( Absent: ( Flag Flag Woody Shrubs, Saplings

Woody Shrubs, Saplings

Woody Shrubs, Saplings

Woody Shrubs, Saplings

Herbs, Forbs and Grasses

Bare ground

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Cla OE 000 0 0 0 0 0 0 0 0 0 0 0 Industrial Development Stressors Submerged No O O O Residential and Urban Stressors 0 Big Trees (>0.3m DBH) Water ( ) ( ) ( ) ( ) 000 000 0 0 0 0 0 0 Buffer Sample Plots 05/27/2011 0 0 0 2 0 0 0 000 000 000 000 000 mall Trees (<0.3m DBH) ① ① ② ① Rock ① ① 0 00 0 0 T 0 Canopy Type: Leaf Type: Fill bubble if present - Plot Fill bubble if present - Plot N O Parking Lot/Pavement Suburban Residential Mine (underground) O AA Center Urban/Multifamily Road - two lane Road - four lane Site ID: Road - gravel Mine (surface Golf Course Buffer Plot 1 Lawn/Park Oil Drilling Gas Wells Dumping Landfill Military Other: Other: Other: Other: Trash Other

		Flag		O AA C	If Buffer Plu Plots are co flag box, are either place	Provide GF		Canada Thistle	Mile-A-Minute Weed Birdsfoot Trefoil	Poison Hemlock	Gartic Mustard	Giant Salvinia	Yellow Floating	Water hyacinth	Eurasian \	Fill bubble		
Buffer Sample Points - Targeted Alien Species		Comments	Latitude North	Location of coordinates (choose one): O AA CENTER O N3 O S3 O E	ot 3 can not be ac entered on the Bu nd describe where ad as close to the	S coordinates at		nistle	refoil	mlock	stard	inia	ating Heart	cinth	Eurasian Watermilfoil	© Confirm	Site ID:	FC
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05/27/2011			Longitude Use Decimal Degrees; NAD83	O Nearest p	earest practice ill indicate the I in the commer center of the k	PLOT COORDINATES  The far end of each Buffer Train			Grass			perweed	Knotweed		prisonal and	ence and an uni		PLOTS
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			Vest	location (flag	NG TH Isect. The co	# and										dicates Flag	001	AL D
			Longitude West Ø81.61	ag and comment below)	If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is in Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practic flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.	PLOT COORDINATES  Provide GPS coordinates at the center of the Buffer Plot (#3) at the far end of each Buffer Transect and for the Buffer Plot at the	Other:	Other	Other	Tamarisk	Himalayan Blackberry	Common Buckthorn	Multiflora Rose	Kudzu	AT 7 STATE OF	Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in	2.11.20	TARGETED ALIEN SPECIES (B
7966623548			69.4	(wc	important because all Buffer ticable location" bubble, fill in the t practicable location can be	e AA CENTER. Indicate the									4	this bubbl	1	Sack) Reviewed by (initial):
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7	NB-1: BUFFER SAMPLE	PLE		PLOTS	ATE: (Fro	0
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Site ID: RUMP R 34 SB DATE: DATE: DATE: DB J 2 L J 2 S (Back)  Remains plant   Post   2 S   Rug   Fill bubble   DATE: DB J 2 L J 2 S   S   S   S   S   S   S   S   S   S
RGETED ALIEN SPECIES (Back)   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   Reviewed by (initial):   2 3 1   2 3 1   2 3   1   2 3 1   2 3   1   2 3 1   2 3   1   2 3 1   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3   2 3
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DALIEN SPECIES (Back)  Reviewed by (initial):  Flag   Fill bubble if present - Plot   1   2   3   1    Johnson Grass   0   0   0    Kudzu   0   0   0    Multiflora Rose   0   0   0    Common Buckthorn   0   0   0    Himalayan Blackberry   0   0   0    Other:   0   0   0    Other:   0   0   0    Other:   0   0   0    Other:   0   0   0    Other:   0   0   0    Other:   0   0   0    Other:   0   0   0    Other:   0   0   0    Other:   0   0   0    Flag on (flag and comment below)
IEN SPECIES (Back)  Reviewed by (initial):  2.1.1.2.66.1.2  2.1.1.2.66.1.2  2.1.1.2.66.1.2  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  Reviewed by (initial):  1.2.3.1  0.0.0  Common Buckthorn 0
## (Initial):    Jacob   Flag   Flag   Flag   Flag
Flag afte the Plag

		118	7	FORM B-1: BUFFER SAMPLE	AMPL		PLOTS	TS (Front)	e l
Site ID: PCAP		SO	3	318				DATE:	08/21/2
Location:					ıbble(s	S) If	plot	s) coul	Fill in bubble(s) if plot(s) could not be sampled and flag
ter ON	Os		3F	OW OPIot 1	0	Plot 2	t 2	OP	
				Buffer Natural	ral Cov	è	Cover Strata	מ	
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① ( <b>**</b> )	_	_	0	ubs, Saplings (<0.5m HIGH)					Woody Shrubs, Saplings (<0.5m HIGH)
() ()	0	0	0	Herbs, Forbs and Grasses	(a)	0	0		0
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Water 🙆 🔾	0	0	0	Water 🔞	<b>⊙</b>	0	0		0
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Road - gravel (	-	2 8		Fill bubble	Stressors Plot 1	2	- B	unfilled I	Rock Water Submerged Vegetation indicates abse Agricultu
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0	0	0	0	Row Crops	0	0	0	Control Structure	Water Level (	0	0	0	Road - four lane
0		0	0	Range	0	0	0	pad/RR Bed	Dike/Dam/Road/RR Bed (IMPEDE FLOW)	0	0	0	Road - two lane
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	senc	6375	Confirm	m that a	filled da	resenc	e and	d an	unfilled I	bubble i	nce by	nce by	
Residential and Urban Stressors	an St	ress	SIO		Hydrology Stressors	SOLS					Agricultural & Ru		Agricultural & Rural Stressors
Fill bubble if present - Plot	_	2	ω	Flag	Fill bubble if present - Plot		2	ω	Flag	Fill bubble	ble if present - Plot	if presen	if presen
gravel	0	0	0		Ditches, Channelization	0	0	0		Pasture/Hay	/Hay	0	0 0
four lane	<b>O</b> C	OC	OC		(IMPEDE FLOW) Water Level Control Structure	) )	0 0	) C	CHES DIFFE	Row Crops	OS .	0 0	
Lot/Pavement	0	0	0		Dredgin		0	0		Fallow Field	d (RECENT-RESTING	d (RECENT-RESTING O	d (RECENT-RESTING O O
Goff Course	0	0	0		Fill/Spoil Banks	0	0	0	1.00	Fallow Field SHRUBS, TREE	ld (OLD - GRASS, EES)	(OLD - GRASS, O	(OLD-GRASS, OOO
Lawn/Park	0	0	0		Freshly Deposited Sediment (UNVEGETATED)	0	0	0		Nursery		0	0
Suburban Residential	0	0	0		Soil Loss/Root Exposure	0	0	0		Dairy			0
Urban/Multifamily	0	0	0		Wall/Riprap	0	0	0		Orchard			0
	0	0	0		Inlets, Outlets	0	0	0		Confined A	Animal Feeding	eeding O	eeding O O
Dumping	0	0	0		Point Source/Pipe (EFFLUENT OR STORMWATER)	0	0	0		Rural Residential		0	0 0
	0	0	0		Impervious surface input (SHEETFLOW)	0	0	0		Gravel Pit			0
Other:	0	0	0		Other:	0	0	0		Irrigation		-	0
Other:	0	0	0		Other:	0	0	0		Other:		0	_
Industrial Development Stressors	ent S	tres	Sors			_	labit	Vite	egetati	Habitat/Vegetation Stressors	SSOTS	SSORS	SSOTS
Fill bubble if present - Plot	_	2	ω	Flag	Fill bubble if present - Plot	_	2	ω	Flag	Fill bu	bubble if present - Plot	if prese	if present - Plot
-10	0	0	0		Forest Clear Cut	0	0	0	_	Herbicide Use			0
	0	0	0		Forest Selective Cut	0	0	0		Mowing	Mowing/Shrub Cutting		0
(surface)	0	0	0		Tree Plantation	0	0	0		Trails			0
Mine (underground)	0	0	0		Tree Canopy Herbivory (INSECT)	0	0	0	0 (0	Soil Cor	Soil Compaction (ANIMAL OR HUMAN)	0	0 0
	0	0	0		Shrub Layer Browsed (wild or DOMESTIC)	0	0	0		Offroad	Offroad vehicle damage	ge O	9e O O
	0	0	0		Highly Grazed Grasses (OVERALL < HIGH)	0	0	0	0 (0	Soil erosion OR OVERUSE	Soil erosion (FROM WIND, WATER, OR OVERUSE)	SION (FROM WIND, WATER, O	D. WATER, O O
	0	0	0		Canopy	0	0	0	0	Other:		0	0 0 0
	0	0	0		Recently Burned Grassland (BLACKENED)	0	0	0	0	Other:		0	0 0 0
	I	L	ŀ										Т

Ĭ.	OR O	FORM B.	7	BUF	BUFFER SAMPLE PLOTS - TARGETED ALIEN SPECIES (Back)	TARG	Ë	ED AI	LIEN SPECIES (Back)		
	5	2			TEN SAMITLE TLOIS -	NA.	1	2	LIEN OFFOICO (DGCR)  Reviewed by (initial):	(initial):	
Site ID:	Section 1	Pul	0	0	r 3398	DATE:		0.8	21/2012		
E	nafi	lled	data l	ubble	indicates presence and an unfil	lled bu	pple	Indicate	© Confirm a filled data bubble indicates presence and an unfilled bubble indicates absence by filling in this bubble	ē	
Fill bubble if present - Plot	1	2	60	Flag	Fill bubble if present - Plot	-	2	3 Flag	g Fill bubble if present - Plot	1 2	3 Flag
	0	0	0		Purple Loosestrife	0	0	0	Johnson Grass	0	0
1000	0	0	0	-	Knotweed	0	0	0	Kudzu	0	0
19945	0		0		Japanese Knotweed	0	0	0	Multiflora Rose	0	0
	0	0	0		Perennial Pepperweed	0	0	0	Common Buckthorn	0	0
	0		0		Giant Reed	0	0	0	Himalayan Blackberry	0	0
	0	0	0		Cheatgrass	0	0	0	Tamarisk	0	0
	0	200	0		y Grass	0	0	0	Other:	0	0
	0	1000	0	230-240	Common Reed	0	0	0	Other:	0	0
	0	11,000	_		Leafy Spurge			0		1	_
									Other:	0	0
					PLOT COORDINATES	INAT	ES				
	ces ffer ffer the cen	sed, 1 Trans coor	ng in take t sects dinati	the app he cool and the	ropriate bubble.  rdinates at the nearest practicable a coordinates will indicate the loca is taken and why in the comment as issible or at the center of the last a	e locatic ation of section access	on AL( the tr below tible B	ONG ΤΗ ansect. The α	location of the plot coordinates by filling in the appropriate bubble.  If Buffer Plot 3 can not be accessed, take the coordinates at the nearest practicable location ALONG THE TRANSECT. This is Important because all Buffer Plots are centered on the Buffer Transects and the coordinates will indicate the location of the transect. Fill in the "nearest practicable location" bubble, fill in flag box, and describe where the coordinates were taken and why in the comment section below. The coordinates of the nearest practicable location can be either placed as close to the center of Plot 3 as possible or at the center of the last accessible Buffer Plot.	ecause (tion" bub	all Buffer oble, fill in the in can be
	dinates O N3	(choose O S3	S3	Location of coordinates (choose one):  A AA CENTER O N3 O S3 O E3	O W3	cticable	9 000	fion (fl	O Nearest practicable location (flag and comment below)		Flag
THE RESERVE OF THE PERSON NAMED IN	9	Latitude North 4	5		Longitude Use Decimal Degrees; NAD83	Long ees; N	itude IAD8	Longitude West	08.1.61.29	5	
Comments											
						98		9			
	Point	S - Z	rpet	A Alier	Buffer Sample Points - Targeted Alien Species 05/27/2011				1966	7966623548	48
	5	3	0			A STATE OF		1000			