

# CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

## GENERAL INFORMATION

Project Label: PCAP

Project Name: 02BE2015

Plot Name: Road Junction

Plot No.: 107d

Level 4 (no nested corners sampled)

Level 5 (nested corners sampled)

Date (mm/dd/yyyy): 10/7/2015

End date (if > 1 day):

Party:

Role:

C. Minney

Plot leader

D. Sweet

## LOCATION

State: OH

County: Cuyahoga

Quadrangle: Shaker Heights

Local Place Names:

Landowner:

X-axis Bearing of plot: [ ] °

Data Confidentiality:

Check one: ☐ Public data ☐ Private Data

Fuzz 100m ☐ Fuzz 250m ☐ Fuzz 500m

Reason:

If data not public why?

Source of coordinates: ☐ MAP ☐ GPS

GPS location in plot x=0 to 5, y=-1.0 to 1.1:

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

Coordinate system:

Coord. Units

☐ Lat/Long ☐ UTM ☐ StatePlane ☐ deg ☐ deg min

☐ Other (specify): ☐ m ☐ ft

Datum: ☐ NAD83/WGS84 ☐ NAD27

Latitude:

Longitude:

Coord. Accuracy: ☐ m ☐ ft

GPS File Name:

Plot size (for cover data): 0.04 (hectares)

☐ Stems not sampled on this plot ☐ Stems absent

☐ Stems present Plot size stems: (ha)

Depth: (1-5):

Intensive modules: 2, 3, 8, 9

Camera No.: 4 N-1007 E-1008 S-1009

Photo Nos.: 1010 1011 1012 1013 1014 1015 1016 1017 1018 1019 1020

N

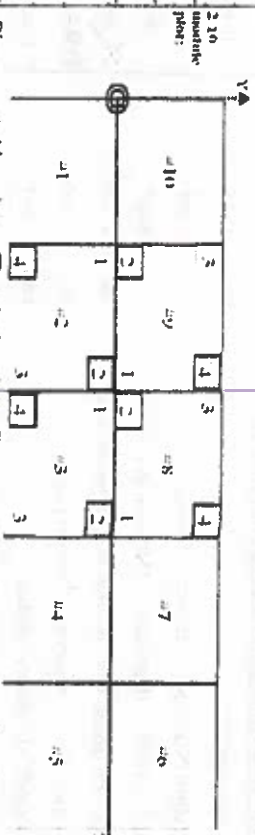


Diagram Key: ☐ Plot origin (0,0) point ☐ GPS location point ☐ Plot location with direction ☐ location of permanent posts

Plot placement: ☐ Representative ☐ GRTS ☐ Random ☐ Stratified Random

NOTES: Include Layout (any unusual shape details), Location (directions and landscape context), Rationale (why here), and Veg Characterization (description of community, dominants, strata, BROWSE). Additional notes in space on back.

Plot unchanged from 2010.

Plot falls on Gorge Run with mowed strips on either side

OVER

# CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

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Plot No.: 1079

Project Name: 02BE2015

Project Label: PCAP

## CLASSIFICATION

(FIT = excellent, good, fair, poor; CONF = high, med, low)

### Hydrogeomorphic class (WETLANDS ONLY):

- ☐ DEPRESSION
- ☐ IMPOUNDMENT ☐ Beaver ☐ Human
- ☐ RIVERINE ☐ Headwater ☐ Mainstem ☐ Channel
- ☐ SLOPE (ground water hydrology or on a physical slope)
- ☐ FRINGING ☐ Reservoir ☐ Natural Lake
- ☐ COASTAL (specify subclass)
- ☐ BOG (strongly, moderately, weakly, ombrotrophic)

### Ohio EPA VIB1 Plant Community Class (WETLANDS ONLY):

- ☐ FOREST ☐ swamp forest ☐ bog forest ☐ forest secp
- ☐ EMERGENT ☐ marsh ☐ wet meadow ☐ open bog
- ☐ SHRUB ☐ shrub swamp ☐ tall sh. bog ☐ tall sh. fen

### MODIFIED NATURESERVE CLASS:

CODE (on separate form): X07

### COMMUNITY NAME:

Disturbed Community - Mowed Right of Way

### LANDFORM TYPE:

## HOMOGENEITY

- ☐ Homogeneous
- ☐ Compositional trend across the plot
- ☒ Conspicuous inclusions
- ☐ Irregular/pattern mosaic

## STAND SIZE

- ☐ > 1,000 x plot size
- ☐ 100 x plot size
- ☐ 10-100 x plot size
- ☐ 3-10 x plot size
- ☐ 1-3 x plot size
- ☒ plot size

## DRAINAGE

- ☐ Excessively drained
- ☐ Somewhat excessively
- ☒ Well drained
- ☐ Moderately well dr.
- ☐ Somewhat poorly dr.
- ☐ Very poorly dr.
- ☐ Impermeable surface

## SALINITY

- ☐ Saltwater
- ☐ Brackish
- ☐ Fresh
- ☒ Upland (usa)

## DISTURBANCES

type*	severity**	yrs ago	% of plot	description
Human	VH		100	Mowed/Paved
Natural				
Fire				
Cut				
Animal				
Other				

\*\*L=low, ML=med low, M=med, MH=mod high, H=high, VH=very high

## Current Land Use:

## Former Land Use:

## HYDROLOGIC REGIME:

- ☒ Upland (seldom flooded)
- ☐ Intermittently/seasonally saturated
- ☐ (seldom flooded)
- ☐ Permanently/Semipermanent, saturated
- ☐ (dry <1/yr, seldom flooded)
- ☐ Occasionally flooded (<1/yr)
- ☐ Temporarily flooded
- ☐ Intermittently flooded
- ☐ Semipermanently flooded
- ☐ Permanently flooded
- ☐ Fidal/Seiche flooded daily
- ☐ Fidal/Seiche flooded monthly
- ☐ Fidal/Seiche flooded irregular
- ☐ (e.g. wind, storms)
- ☐ Unknown

Additional notes & diagrams: (Representativeness of plot to the stand, successional status, maturity, etc.)

Paved 2-lane between mowed strips

# CLEVELAND METROPARKS Plant Community Assessment Program Species Cover Data Sheet

PCAP

Project name: 02BE2015

Plot no.: 1074

Plot area (ha): .04

Project Label:

Intensive modules:

Plot configuration:

Plot area (ha):

Total modules:

Visual est. % open water entire site:

50

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

10

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



Cleveland Metroparks

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

Strata - Cov. entire plot

T S H (F)(A) Br

Species

Estimate for the each intensive module:

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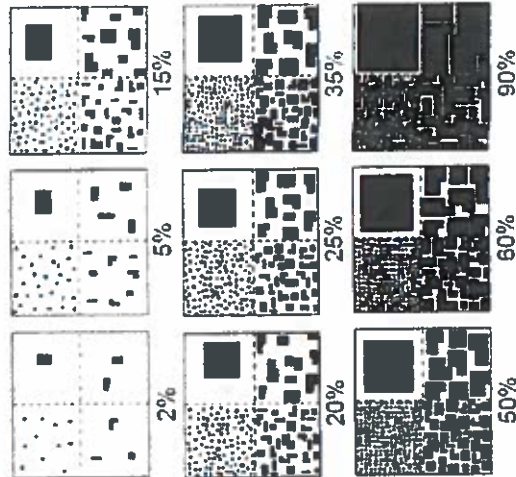
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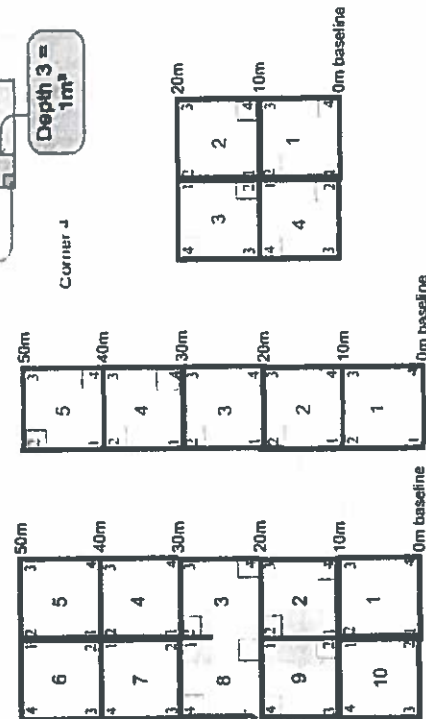
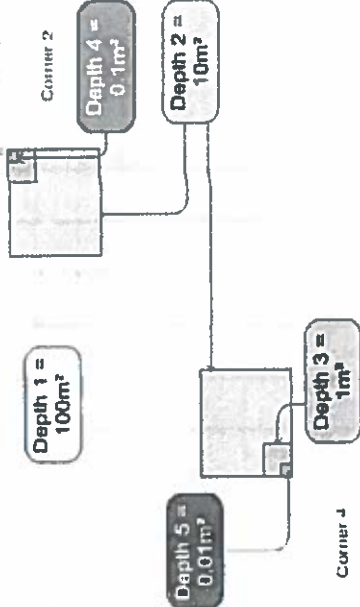
# EXAMPLES OF PERCENT OF AREA COVERED

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



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

**Nested Corners**



**BROWSE RATING NARRATIVE DESCRIPTION**

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

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

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

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

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

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

