

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION

Project Label: PCAP

Project Name: DINC8011

Plot Name: Old River Farm

Reserved picnic area

Plot No.: 1193

Level 4 (no nested corners sampled)

Level 5 (nested corners sampled)

Date (mm/dd/yyyy): 10/3/2011

End date (if > 1 day): / /

Party

Role**

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

Plot leader

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Plot leader

Plot leader

LOCATION

State: OH

County: Lake

Quadrangle: Mayfield 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, +1):

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

Coordinate system:

☐ Lat/long ☐ UTM ☐ Static Plane ☐ Coord. Units

☐ Other (specify): ☐ m ☐ ft ☐ deg ☐ deg min

Datum: ☐ NAD83/WGS84 ☐ NAD27

Latitude:

Longitude:

Coord. Accuracy: ☐ m ☐ ft

GPS File Name:

Plot size for cover data: 0.1 (hectares)

☐ Stems not sampled on this plot ☐ Stems absent

☐ Stems present Plot size stems: (ha)

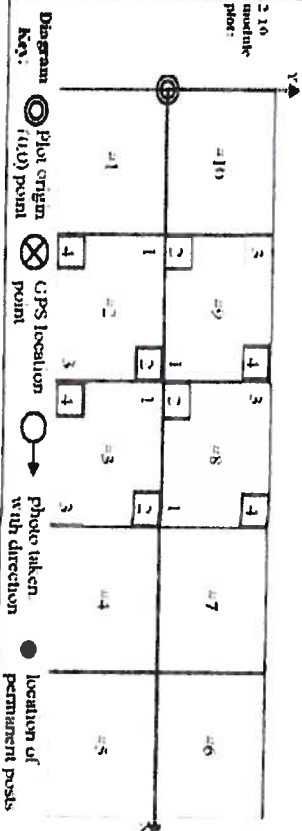
Depth: (1-5):

Intensive modules: 2, 3, 8, 9 (HDT IF MODIFIED)

Camera No.:

Photo Nos.:

N



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

Transect component ☐ Systematic (grid) ☐ Capture specific feature ☐ Other

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

Plot not sampled
GRTSpt landed in a mowed area
surrounded by the parking lot
for the Old River Farm
Reserved Picnic area.

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

OVER

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

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Project Label: PCAP

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Plot No.:

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 VIBI Plant Community Class (WETLANDS ONLY):

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

MODIFIED NATURESERVE CLASS*

CODE (on separate form):

XDT

COMMUNITY NAME: Disturbed Soil Comm.

mowed area

LANDFORM TYPE*:

Flat

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
- ☒ 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 (n/a)

DISTURBANCES

type* severity** yrs ago % of plot description

Human VH 0 100 Mowed

Natural

Fire

Cut

Animal

Other

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

Current Land Use:

Former Land Use:

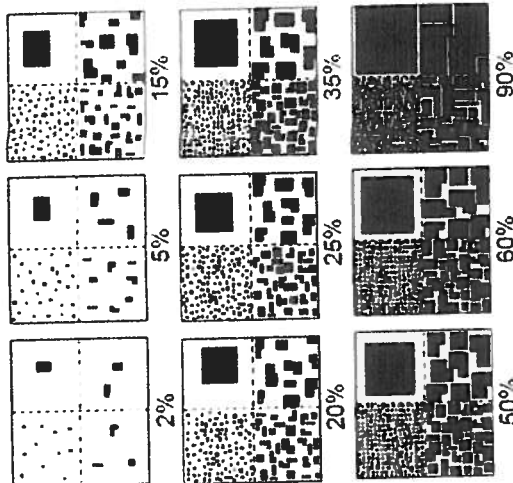
HYDROLOGIC REGIME*

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

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

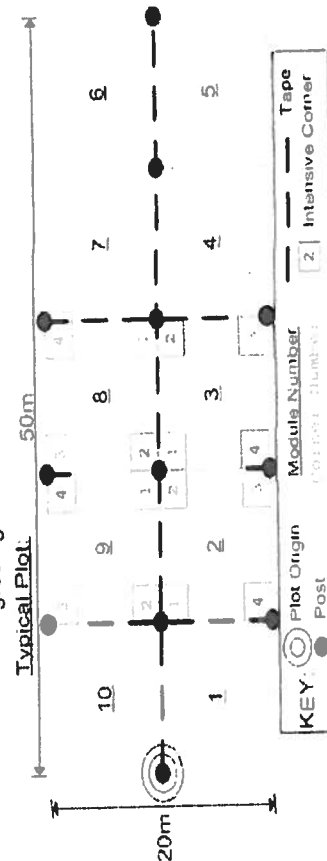
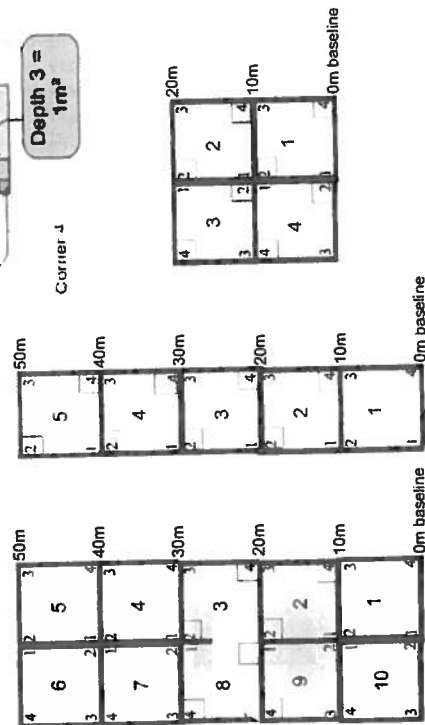
EXAMPLES OF PERCENT OF AREA COVERED

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



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

Nested Corners



KEY: Plot Origin Post Module Number Intensive Corner

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 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.