

CLEVELAND METROPARKS Plant Community Assessment Program - Background Data Sheet

GENERAL INFORMATION

Project Label: **PCAP**

Project Name: **01R8011**

Plot Name: **Rocky River**
Natural Center

Plot No.: **1118**

Level 4 (no nested corners sampled)

Level 5 (nested corners sampled)

Date (mm/dd/yyyy): **9/22/2011**

End date (if > 1 day):

Party: **Plot leader**

Role: **Plot leader**

Effort Level: **Very thorough**

Accurate

Returned

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

TAXONOMIC ACCURACY

high modera. low not simpl

vascul. **✓** n/a

brvo **✓**

lichen **✓**

TAXONOMIC STANDARD

Authority: **G&C** Pub Date: **1998**

LOCATION

State: **OH** County: **Cuyahoga**

Quadrangle: **N. Olmsted**

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: **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: **01** (hectares)

☐ Stems not sampled on this plot ☐ Stems absent

☐ Stems present Plot size stems: (ha)

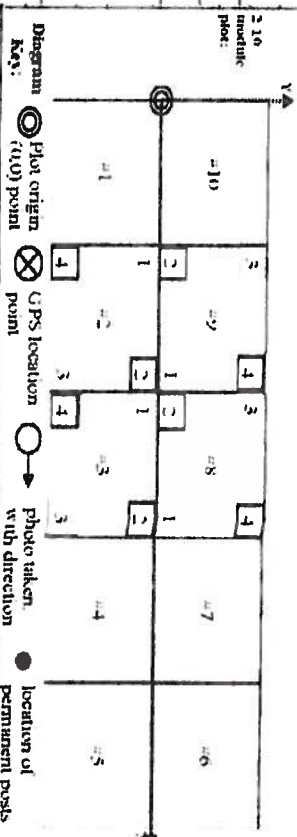
Depth: (1-5):

Intensive modules: 2, 3, 8, 9

Camera No.:

Photo Nos.:

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



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 context), Rationale (why here), and Veg Characterization (description of community, dominants, strata, BROWSE). Additional notes in space on back.

GRTS point full in the River

Plot not sampled!

Foodplain island

veg char. balance/side of river covered with Sycamores & Red Oak

Natural Center side covered with Red Maple & White, Pin Oak

OVER

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Plot No.:

Project Name:

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, weekly, ombrotrophic)

Ohio EPA VIB1 Plant Community Class (WETLANDS ONLY):

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

MODIFIED NATURESERVE CLASS*

CODE (on separate form): lot 1

COMMUNITY NAME:

Mesic Floodplain Forest
Rivers + streams

LANDFORM TYPE*:

River: Other

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 (n/a)

DISTURBANCES

type* severity** yrs ago % of plot description

Human

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*

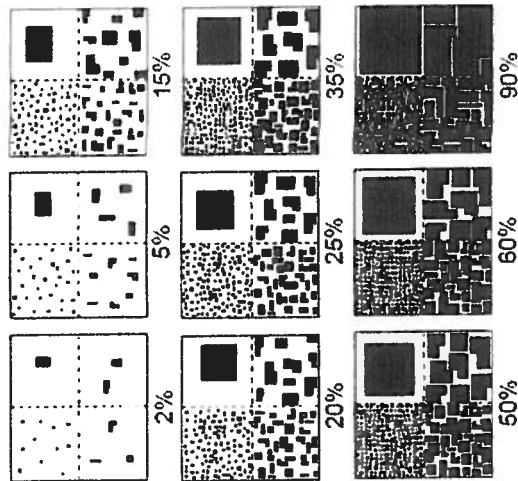
☐ Upland (seldom flooded)☐ Intermittently/seasonally saturated☐ (seldom flooded)☐ Permanently/Semipermanent saturated☐ (dry <1/yr, seldom flooded)☐ Occasionally flooded (<1/yr)☐ Temporarily flooded☐ Unknown☐ Intermittently flooded☐ Semipermanently flooded☒ Permanently flooded☐ Tidal/Seiche flooded daily☐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

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

Mesic Floodplain Forest

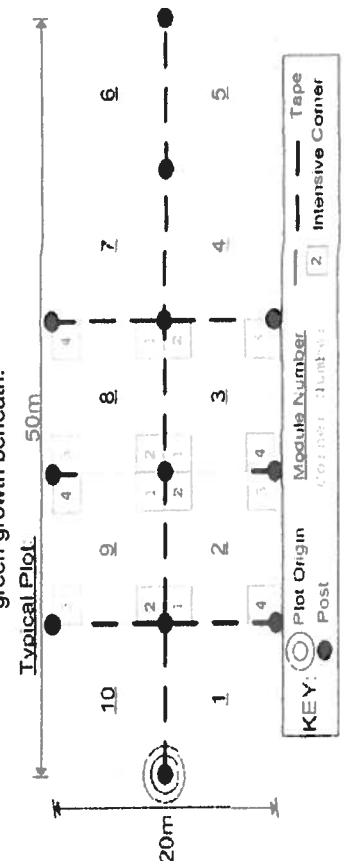
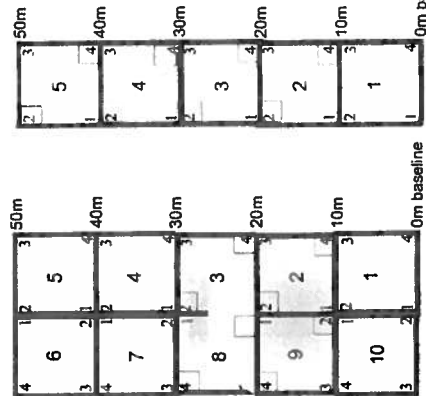
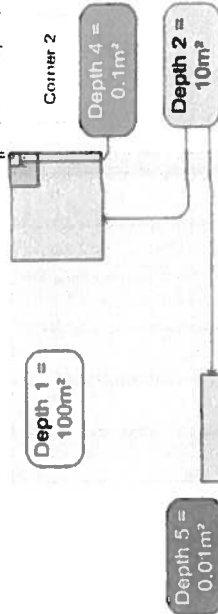
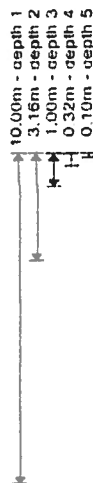
EXAMPLES OF PERCENT OF AREA COVERED

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 Corner Number Tape 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 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.