
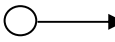



GENERAL INFORMATION PLOT: _____ Project (if applicable): _____ Date: _____ Surveyors: _____		PLOT LOCATION Managed Area (if applicable): _____ Survey Site: _____ Quad: _____ County: _____ State: _____ PhysProv: _____																					
Plot dimensions: _____ by _____ m Sample area _____ sq. m		GPS DATA GPS Unit: _____ GPS point or file name: _____ est accuracy: _____ m/ft # of positions averaged: _____ Reciever status: 2D / 3D / 2D WAAS / 3D WAAS																					
PLOT DOCUMENTATION Photographer: _____ <input type="checkbox"/> NO photos taken Camera _____ File / frame #s: _____ Description of image(s): _____		Field Coordinates: UTM X _____ E Y _____ N LAT _____ LONG _____ Marked est. location on toposheet _____ yes																					
Estimated stand size extensive (> 100 ac ; 40 ha) >1000 x plot large (> 10 < 100 ac ; 4 - 40 ha) >100 x plot small (>1 < 10 ac ; 0.4 - 4 ha) >10-100 x plot very small (< 1 ac ; < 0.4 ha) <10 x plot Unknown		Notes on stand size:																					
SITE CHARACTERISTICS Elevation _____ m/ft via GPS _____ map _____ altimeter _____		Surface Substrate (% cover) TOTAL = 100% (excl. nonvascular plants) _____ %bedrock _____ %litter / organic matter _____ %other _____ %boulders/stones _____ %decaying wood (describe) _____ %gravel/cobbles _____ %mineral soil / sand _____ %water _____ % nonvascular																					
Slope (degrees) single measure. _____ or: avg of _____ <input type="checkbox"/> 0-3% (level or nearly so) <input type="checkbox"/> 3-8% (gentle/undulating) <input type="checkbox"/> 8-16% (sloping/rolling) <input type="checkbox"/> 16-30% (moderate/hilly) <input type="checkbox"/> 30-65% (steep) <input type="checkbox"/> 65-75% (very steep) <input type="checkbox"/> 75+% (extremely steep)		Slope Shape (V w/ slope) VERTICALLY HORIZONTALLY C concave C concave X convex X convex S straight S straight <input type="checkbox"/> hummock (____% of plot) and hollow (____%) microtopography hummock height (cm) _____ <input type="checkbox"/> check if irregular craggy/ or bouldery microtopography																					
Landform <input type="checkbox"/> ridge / interfluve <input type="checkbox"/> undulating / flat plain <input type="checkbox"/> saddle / gap <input type="checkbox"/> dune <input type="checkbox"/> side slope <input type="checkbox"/> beach / overwash flat <input type="checkbox"/> slope bench / ledge / step <input type="checkbox"/> interdune flat / interdune swale <input type="checkbox"/> fan piedmont <input type="checkbox"/> tidal flat <input type="checkbox"/> cove <input type="checkbox"/> ravine <input type="checkbox"/> cliff / escarpment / face <input type="checkbox"/> seep / swale / non-alluvial bottom <input type="checkbox"/> bedrock outcrop <input type="checkbox"/> alluvial flat / alluvial terrace / floodplain <input type="checkbox"/> boulderfield / talus / debris slide <input type="checkbox"/> floodplain levee <input type="checkbox"/> hill / knob / monadnock <input type="checkbox"/> channel shelf / stream margin / bar <input type="checkbox"/> rolling / dissected upland <input type="checkbox"/> backswamp / slough / oxbow <input type="checkbox"/> OTHER: <input type="checkbox"/> sag pond / basin		Slope Aspect (N = 0 degrees): single measure _____ avg. of _____ F (flat) N 338-22 ° NE 23-67 ° V (variable) E 68-112 ° SE 113-157 ° S 158-202 ° SW 203-247 ° W 248-292 ° NW 293-337 ° compass: magnetic corrected																					
Topographic Position <input type="checkbox"/> crest / interfluve <input type="checkbox"/> upper slope <input type="checkbox"/> middle slope <input type="checkbox"/> lower slope <input type="checkbox"/> toe slope <input type="checkbox"/> plain/level/bottom <input type="checkbox"/> basin/depression		Evidence of Disturbance <input type="checkbox"/> ditching/hydrologic alternation <input type="checkbox"/> dogwood anthracnose <input type="checkbox"/> oak decline <input type="checkbox"/> exotic plants <input type="checkbox"/> hemlock adelgid <input type="checkbox"/> trails/roads <input type="checkbox"/> gypsy moth <input type="checkbox"/> clearing <input type="checkbox"/> spruce decline <input type="checkbox"/> grazing/browsing <input type="checkbox"/> fire <input type="checkbox"/> wind/ice damage <input type="checkbox"/> erosion <input type="checkbox"/> logging <input type="checkbox"/> Other																					
Cowardin System: Upland Palustrine Estuarine Riverine Lacustrine																							
Soil Drainage Class <input type="checkbox"/> very poorly drained <input type="checkbox"/> poorly drained <input type="checkbox"/> somewhat poorly drained <input type="checkbox"/> moderately well drained <input type="checkbox"/> well drained <input type="checkbox"/> rapidly drained Inundation <input type="checkbox"/> never <input type="checkbox"/> infrequently <input type="checkbox"/> regularly; for <6 mos. <input type="checkbox"/> regularly; for >6 mos. <input type="checkbox"/> always submerged by shallow water (<30cm) <input type="checkbox"/> always submerged by deep water (>30cm) <input type="checkbox"/> unknown		Soil Moisture Regime <input type="checkbox"/> - very xeric (moist for neglig. time after ppt) <input type="checkbox"/> - xeric (moist for brief time) <input type="checkbox"/> - somewhat xeric (moist for short time) <input type="checkbox"/> - submesic (moist for moderately short time) <input type="checkbox"/> - mesic (moist for significant time) <input type="checkbox"/> - subhygric (wet for significant part of growing season; mottles <20cm) <input type="checkbox"/> - hygric (wet for most of growing season; permanent seepage/mottling) <input type="checkbox"/> - subhydic (water table at or near surface for most of the year) <input type="checkbox"/> - hydric (water table at or above surface year round) Evaluate separately from above <input type="checkbox"/> - ephemeral seepage/subsurface water present locally in plot (non-wetland habitats)																					
Hydrologic Regime _____ Terrestrial (i.e. not a wetland) Tidal <input type="checkbox"/> Irregularly exposed (< daily) <input type="checkbox"/> Regularly flooded (>=daily) <input type="checkbox"/> Irregularly flooded (< daily, but >=once/yr) <input type="checkbox"/> Wind tidally flooded <input type="checkbox"/> Subtidal (permanently flooded) Non-Tidal <input type="checkbox"/> Permanently flooded <input type="checkbox"/> Semipermanently flooded <input type="checkbox"/> Seasonally flooded <input type="checkbox"/> Intermittently flooded <input type="checkbox"/> Temporarily flooded <input type="checkbox"/> Saturated Salinity/Halinity <input type="checkbox"/> Saltwater <input type="checkbox"/> Brackish <input type="checkbox"/> Oligohaline <input type="checkbox"/> Freshwater Refractometer Measurement: _____		Soil Sample: Single Sample _____ Composite Sample _____ No. of samples mixed _____ Field measured pH _____																					
Rock Types Present:																							
Soil Profile Description Horizon/ Depth(cm) Description (color, texture, structure, consistency)																							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width:10%; text-align: center;">0-</td> <td style="width:10%;"></td> <td style="width:70%;"></td> <td style="width:10%;"></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> </tr> </table>				0-																			
0-																							
Other Soil Notes:																							

Sketch plot configuration, indicate the plot architecture, points where GPS positions were collected, locations of permanent stakes or markers (if any), locations and bearings of photopoints, and directions and distances to landmarks (include species and dbh of witness trees). Use the symbols in the key below for GPS points, photos, and permanent markers. Also provide complete directions for relocating permanently marked plots, accompanied if possible by a sketch showing plot orientation and depicting roads, trails, etc., as well as distinctive features of the vegetation. If necessary, attach copy of USGS topographic quad map indicating location of plot.

	GPS position
	Photo # and direction
	Permanent Marker

QUALITATIVE ASSESSMENT AND NOTES

Write a brief word picture of community. Describe the representativeness of the plot to the vegetation type being sampled and any variation within the occurrence in terms of vegetation structure, floristics, and environment. Note vertical stratification or horizontal zonation patterns. Describe dominant and characteristic species and inclusion communities (if present). If community occurs as a mosaic describe spatial distribution and associated community types. Include landscape context information (adjacent communities). Describe any special or unusual features of the vegetation or habitat. If possible, note the origin and (for moderately even-aged forests) approximate age of the stand. Record the presence at the site of species not sampled in the plot. Note, where appropriate, the approximate distance and direction to proximate water sources, such as river channels, perennial streams, intermittent streams, and seepage or runoff areas. For riparian and other wetland sites note the height of primary and secondary water marks and/or the presence of fluvial features.

VEGETATION STRUCTURE AND PHYSIOGNOMY

<u>PHYSIOGNOMY (entire stand)</u>	<u>DOMINANT LEAF PHENOLOGY</u>	<u>LEAF TYPE</u>
Forest	(entire stand)	(dominant stratum)
Woodland	Deciduous (< 25% evergreen)	Broadleaf
Shrubland / Sparse Shrubland	Mixed deciduous (25-49% evergreen)	Needleleaf
Herbaceous with sparse tree layer	Mixed evergreen (25-49% deciduous)	Mixed
Herbaceous with sparse shrub layer	Evergreen (< 25% deciduous)	Ericad
Herbaceous	Perennial graminoid	Broadleaf Herbaceous
Nonvascular: Bryophyte Lichen	Perennial forb	Graminoid
Sparsely Vegetated	Perennial mixed	Pteridophyte
	Annual herbaceous	Bryophyte
	Not applicable	Lichen

Stratum	all trees	T>35	T20	T10	T6	S	H	N
cover (%)								
height (m)								
Leaf type / Growth form	NL BL mixed					NL BL mixed	Gr F Pt W Er Mx	B LIC MIXED
Phenology / Growth habit	D E MD ME					D E MD ME	Per Ann Dw Ew	

COLUMN VALUES:
 T>35 = tree canopy > 35m
 T20 = tree canopy 20-35m
 T10 = tree canopy 10-20m
 T6 = tree canopy 6-10m
 S = tree or shrub 0.5-6m
 H = herb layer (all herbs + woody plants 0-0.5m)
 N = nonvascular

Provisional Community name (VANHP Ecological Community Group):
