

Instructions for Completing the Plant Field Data Sheet

1	LL: Lake Linden M: Mason HTC: Hubbell-Tamarack City PM: Point Mills GS: Gay Sands
2	Number sampling locations sequentially
3	SE quarter: Estimate the % soil coverage by vegetation, by looking down from above. Ask yourself, if a raindrop fell, would it hit bare soil or plant material?
4	SW quarter: Identify all plant species inside the 50 cm x 50 cm area to the lowest taxonomic level and record in data sheet. Estimate the relative percent coverage of each species in 5 percent increments, 0 = no coverage, 100 = complete coverage.
5	NE quarter: Using the LaMotte Soil Sampling Tube, collect a soil sample for physical-chemical analyses from the 0.5 to 6 inch depth. Do not introduce material from the upper 0.5 inch into the sample.
6	NW quarter: Collect all above-ground plant tissue for biomass determination.
7	NW quarter: Dig 50 cm pit and measure the average and maximum penetration of roots in the soil profile.

Note: new plots will be sampled next year.

NW	NE
Collect Plant Biomass and Measure Rooting Depth	Collect Soil Sample for Soil Fertility Testing
SW	SE
Plant Community Diversity	% Soil Coverage by Vegetation