## Forest Quadrat Inventory Data Sheet

Forest Layer	Measurement	Findings				
Canopy: The canopy is formed by the leaves and branches of forest's tallest trees.	How many trees are there?					
	Canopy Cover- densiometer					
	How many standing dead trees are there?					
	For up to 3 trees in your survey area, measure the following: circumference at 1 meter height off the ground, estimate height, and identify tree species.		1	2	3	
		Species				
		Circumference				
		Height				
	Other observations, such as, disease or damage (mountain pine beetle infestation, fire scars, visible sap), broken tops of trees or large holes in trees (wildlife tree), other plants growing on trees (epiphytes).					
Understory (Shrub layer): A shrub is a woody plant less than 4m tall, usually with more than one stem rising from the ground. The shrub layer also includes grasses and wildflowers.	Estimate how many shrubs are in your plot? (Less than 10, Between 10-25, More than 25)					
	Identify three species of shrub or wildflower using your field guides. Note if it is blooming or has fruits or seeds.		1	2	3	
		Species				
		Flowers?				
		Fruits or seeds?				
	Other observations: Are there any dominant species in your plot? If so, what are they?					





## Forest Quadrant Inventory Data Sheet Cont'd

Forest Layer	Measurement		Findings			
Forest Floor: The layer of decomposing material that covers the soil in a forest. This layer is particularly important in nutrient cycling.	Are there any fungi? (One, few, many). If so, note something about it, e.g. such as where is it growing (on the ground, on a log), note its colour/shape/size. Warning: do not touch or taste as many are deadly.					
	What is on the surface? (Such as fallen leaves and branches, rotting logs, or other living organisms.)					
	Use a spoon to gently dig below the leaf litter layer to the layer that has decomposed matter (humus and soil layers). Describe the colour, texture, moisture, and smell.					
Temperature	Ground level					
	2.5 cm into soil					
	At 1m above ground					
Sightings and signs of animals	What animals did you see and in which layer did you see them? Include evidence of animals, such as scat, tracks, burrows, chewed leaves or twigs.	Layer	An	Animal and/or Sign		
		Canopy				
		Understory				
		Forest Floor				



