

4-H Tick Project Datasheet

INSTRUCTIONS

Use 1 datasheet per drag at a collection site. Drag for up to 20 minutes (excluding inspection time), walking slowly and stopping every 60 seconds to collect ticks. Record vial numbers accurately on datasheets. See collecting instructions for details. Return datasheets with your ticks.

MATERIALS □ Drag Cloth □ Tweezers □ Vial □ Datasheet □ Timer/stopwatc	h/phone Measuring wheel or tape measure	
TICK COLLECTION DATA		
VIAL NUMBER:	Collector Name:	
Date:	School/Club/Program-Name and Address	
Start Time:	Site Name:	
End Time:	GPS Coordinates:	
Distance walked in 30 seconds*	How much time did you spend actively dragging (up to 20 minutes)?	
Temperature:		
Describe weather conditions	Did you check the cloth every 60 seconds? If not, describe methods	
	# of each tick species found (e.g., 2 deer ticks) <i>optional</i>	
Total number of ticks collected (no tallies)		

^{*} Walk at the same pace you use for tick dragging for 30 seconds (slow "wedding march" speed).



FOREST MEASUREMENT DATA

Measure/estimate the depth of leaf litter in three random locations. This is the distance from the top of your leaf litter layer to the bare ground on the forest floor.	Depth 1:	Depth 2:	Depth 3:
What is the most common vegetation on the forest floor? (select one)	☐ Mosses ☐ Plants ☐ Small Trees		
What kind of leaf litter (e.g., fallen leaves or needles in various stages of decay) do you see on the forest floor? (select one)	 Mostly deciduous leaves (e.g., maple leaves) A mix of conifer needles (e.g., pine needles) and deciduous leaves (e.g., maple leaves) Mostly conifer needles (e.g., pine needles) 		
Approximately what percent of the forest floor is covered in vegetation, leaf litter, or bare ground? Please make this add to 100%. Rough estimates are okay.	Vegetation:	Leaf Litter:	Bare Ground:
Please estimate how much of your forest floor is getting direct sunlight.	Less than 10% 11%-25% 26%-50% 51%-75% 76%-100%		