

Field Work - Site Comparison Data Sheet

Field Group:

Complete a site comparison for each of your two sites.

Task		Site:	Site	Explain similarities or differences
6	General Site Description			
6	Slope Indicate what direction slope faces			
2	Air Temperature			
2	%Humidity (moisture in air)			
2	Soil Temperature			
3	Soil Moisture			
3	Soil Type			
4	Weather Conditions			
4	Wind speed & direction			
5	Types of Plants			

Task		Site	Site	Explain similarities or differences
5	Plant Density: 100% = whole site covered with plants 0% - Just soil			
5	What evidence of animals do you see? Burrows, holes, spider webs, fur, owl pellets, etc.			
6	General Observations?			

How do the differences in the abiotic factors impact the diversity of this ecosystem?

What is your groups conclusion from the data collected?

What factors may have impacted the data collected? How might your data collection methods be revised to increase the accuracy of the evidence?

Field Work Inquiry Task and Tool List

Task #	# People	Task	Tool	Name(s)
1	1	Identify cardinal directions. Map reader recorder	Compass Site map Clipboard, data sheet & pencil	
G	group	Mark study area for site	5 ft rope attached to wood stake + big rock + 4 small rocks labeled (N,S,E, & W)	
G	group	General site description Slope direction	observations	
2	1	Measure: air temperature % humidity Soil temperature	Thermometer + stopwatch Hygrometer + stopwatch Soil thermometer + stopwatch	
3	2	Soil moisture Soil type	Shovel, measuring tape, 2 plastic bags, sediment key, soil cards, paper towels	
4	1	Wind speed & direction weather	Anemometer + compass Observations	
5	2	Identify plants and density in area of study. Identify animals/signs of animals in area of study	Data sheet Plant guides Animal guides	