Tree Density and Size Data Form

Monitoring plot: _____ **Date:** _____ **Line length:** _____ **(m or ft?)** circle one

Observer: _____ **Recorder:** _____

Subplot radius _____ **(m or ft?)** circle one **Diameter units: (cm or in?)** circle one **Height units: (m or ft?)** circle one

Subplot 1 (plot center)				Subplot 2 (Line 1)				Subplot 3 (Line 2)				Subplot 4 (Line 3)			
Species	DBH	DRC	Ht.	Species	DBH	DRC	Ht.	Species	DBH	DRC	Ht.	Species	DBH	DRC	Ht.

Total plot area (all plots) = (4 x 3.14 x [ ] m x [ ] m) ÷ 10,000 = [ ] hectares
plot radius plot radius

Total plot area (all plots) = (4 x 3.14 x [ ] ft x [ ] ft) ÷ 107,639 = [ ] hectares
plot radius plot radius

[ ] = Total number of TREES (DBH ≥ 12.7 cm [5 in])

[ ] = Total number of SAPLINGS (2.5 cm [1 in] < DBH < 12.7 cm [5 in])

$$\text{Tree density} = \frac{\text{No. of trees}}{\text{Plot area}} = \frac{[\ ]}{[\ ]} = [\ ]$$

$$\text{Sapling density} = \frac{\text{No. of saplings}}{\text{Plot area}} = \frac{[\ ]}{[\ ]} = [\ ]$$