

Exercise 2: Vegetation Surveys

Exercise 2A: 50 x 2-M Band Transects

Location:

Date:

Group Data

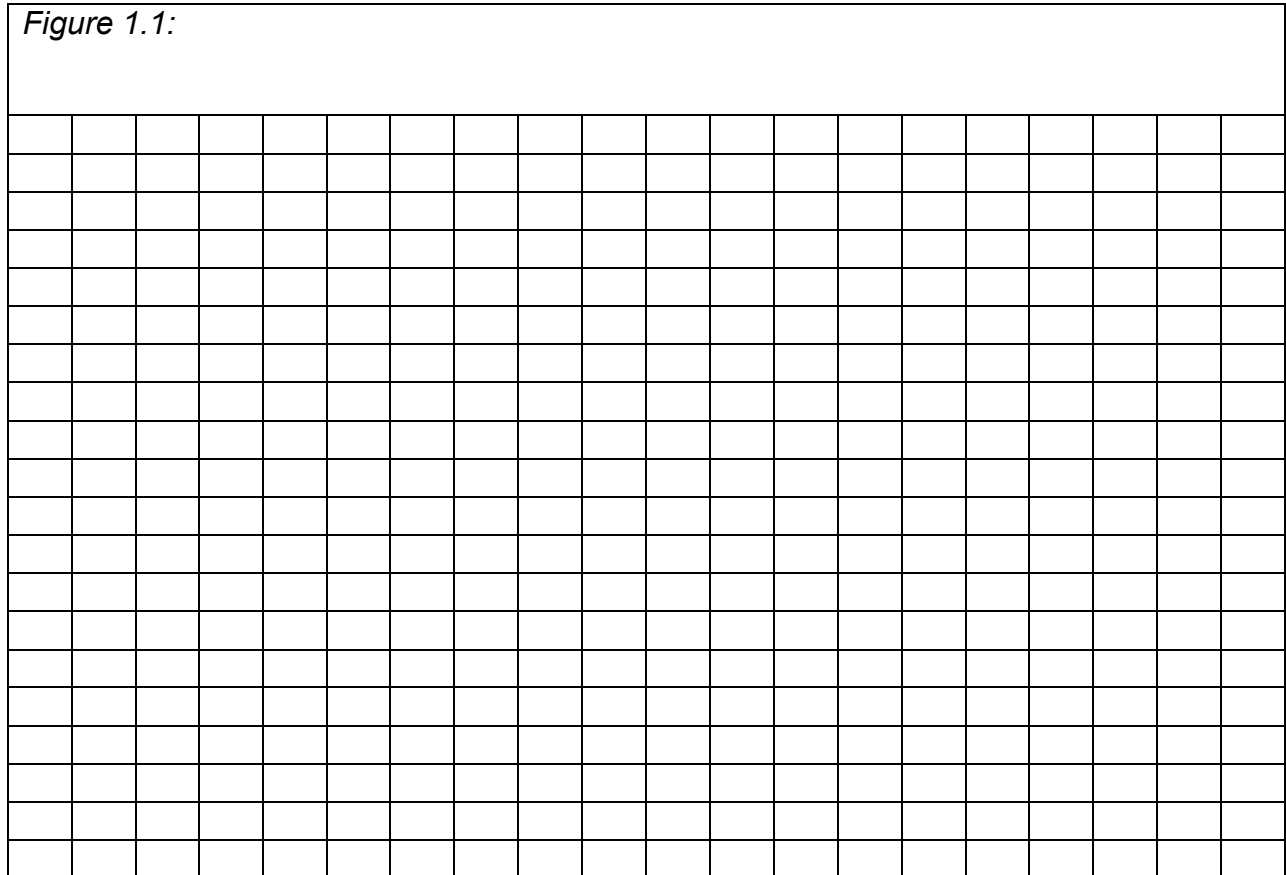
Dbh size class:	T1 (10–20 cm)	T2 (20–30 cm)	T3 (30–40 cm)	T4 (40–50 cm)	T5 (50–60 cm)	T6 (>60 cm)
# hardwoods:						
# softwoods:						

Class Data

Dbh size class:	T1 (10–20 cm)	T2 (20–30 cm)	T3 (30–40 cm)	T4 (40–50 cm)	T5 (50–60 cm)	T6 (>60 cm)
# hardwoods:						
# softwoods:						

Refer to *Scientific Investigation: Exercise 1B — Experimental Design Applied* and *Exercise 1C — Statistical Analysis*. Prepare a histogram of the class dbh-size class data for both hardwoods and softwoods. Remember to include an appropriate descriptive title, scale, and axis labels.

Figure 1.1:



Exercise 2B: 50 x 0.5-M-interval Point-Intercept Transects

Location:

Date:

Group Field Data

Transect Point:	0.5 M	1.0 M	1.5 M	2.0 M	2.5 M	3.0 M	3.5 M	4.0 M	4.5 M	5.0 M	5.5 M	6.0 M	6.5 M	7.0 M	7.5 M	8.0 M	8.5 M	9.0 M	9.5 M	10.0 M	
Grass																					
Forb																					
Shrub																					
Tree																					

Transect Point:	10.5 M	11.0 M	11.5 M	12.0 M	12.5 M	13.0 M	13.5 M	14.0 M	14.5 M	15.0 M	15.5 M	16.0 M	16.5 M	17.0 M	17.5 M	18.0 M	18.5 M	19.0 M	19.5 M	20.0 M	
Grass																					
Forb																					
Shrub																					
Tree																					

Transect Point:	20.5 M	21.0 M	21.5 M	22.0 M	22.5 M	23.0 M	23.5 M	24.0 M	24.5 M	25.0 M	25.5 M	26.0 M	26.5 M	27.0 M	27.5 M	28.0 M	28.5 M	29.0 M	29.5 M	30.0 M	
Grass																					
Forb																					
Shrub																					
Tree																					

Transect Point:	30.5 M	31.0 M	31.5 M	32.0 M	32.5 M	33.0 M	33.5 M	34.0 M	34.5 M	35.0 M	35.5 M	36.0 M	36.5 M	37.0 M	37.5 M	38.0 M	38.5 M	39.0 M	39.5 M	40.0 M	
Grass																					
Forb																					
Shrub																					
Tree																					

Transect Point:	40.5 M	41.0 M	41.5 M	42.0 M	42.5 M	43.0 M	43.5 M	44.0 M	44.5 M	45.0 M	45.5 M	46.0 M	46.5 M	47.0 M	47.5 M	48.0 M	48.5 M	49.0 M	49.5 M	50.0 M	
Grass																					
Forb																					
Shrub																					
Tree																					

Group Data Summary

% cover of Grass	% cover of Forb	% cover of Shrub	% cover of Tree

Exercise 2B: 50 x 0.5-M-interval Point-Intercept Transects (cont.)

Class Data Summary

Group / Transect	% cover of Grass	% cover of Forb	% cover of Shrub	% cover of Tree
Mean =				
Std. Dev. =				

Show work below, or on an attached sheet, for your calculations of the means and standard deviations presented in the above table.