

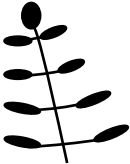








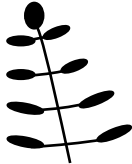




Species Diversity

Directions: Place an "X" in the middle column next to the species that are present in each meadow. Record the total number of different species found in each meadow at the bottom of the middle column.

Meadow A



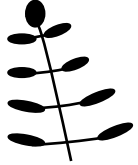


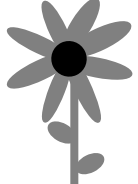

		
		
		
		
		
		
		
Total		

Meadow B



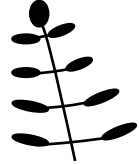




		
		
		
		
		
		
		
Total		

Species Diversity (Key)

Meadow A

	X	5
	X	5
	X	5
	X	5
	X	5
	X	5
	X	5
Total	7	35







Meadow B

	X	2
	X	20
	X	2
	X	3
	X	3
	X	2
	X	3
Total	7	35











Data Table II

Directions: Record organisms with tally marks under "Abundance." Then total the number in each species, as well as all organisms combined (gray box).

Habitat A

Species	Abundance	Total
		
		
		
		
		
		
		
		
		
		











Habitat B

Species	Abundance	Total
		
		
		
		
		
		
		
		
		
		











Data Table II (Key)

Directions: Record organisms with tally marks under “Abundance.” Then total the number in each species, as well as all organisms combined (gray box).

Habitat A

Species	Abundance	Total
		16
		16
		16
		16
		16
		16
		16
		16
		16
		16
		160

Habitat B

Species	Abundance	Total
		8
		24
		6
		6
		16
		25
		18
		16
		24
		17
		160

Changes in Diversity

Directions: Identify the species present (A, B, C, D, or E), their abundance, and the species richness in each time period of *Diversity Over Time*.

Time 1

Species Present	Abundance

Species Richness: _____

Time 2

Species Present	Abundance

Species Richness: _____

Time 3

Species Present	Abundance

Species Richness: _____

Time 4

Species Present	Abundance

Species Richness: _____

Changes in Diversity (Key)

Time 1

Species Present	Abundance
A	7
B	5
C	5
D	8

Species Richness: 4

Time 2

Species Present	Abundance
A	7
B	4
C	4
D	8
E	2

Species Richness: 5

Time 3

Species Present	Abundance
A	5
B	2
C	2
D	8
E	8

Species Richness: 5

Time 4

Species Present	Abundance
A	3
D	8
E	14

Species Richness: 3