Line Point Intercept, Riparian and Upland

Monitoring Location: _____ Date: _____

Line #: _____ Observer: _____

Direction: _____ Recorder: _____

1. Drop the pin flag straight down at each sampling point.
2. Record from the top down.
3. Record anything that touches the pin flag, including plants, soil, litter and rocks.
4. Use the code (or record if it's a plant you haven't seen) in the Plant Code List.
5. If the pin flag touches the same thing twice in one row, only record it once.

Point	Top Layer	Second Layer	Third Layer	Fourth Layer	Fifth Layer	Sixth Layer
2.5.						
5.0						
7.5						
10.0						
12.5						
15.0						
17.5						
20.0						
22.5						
25.0						
27.5						
30.0						
32.5						
35.0						
37.5						

S = Soil
L = Litter (Non-living organic matter: down leaves, fallen branches, twigs or stems, or animal droppings)
R = Rock
LIC = Lichen
X = basal hit

DT = Dead Tree
DS = Dead Shrub
DF = Dead Forb or Flower
DG = Dead Grass
C = Cyanobacterial crust
M = Moss

Monitoring Location: _____

Line #: _____ Observer: _____

Date: _____ Recorder: _____

Point	First Layer	Second Layer	Third Layer	Fourth Layer	Fifth Layer	Sixth Layer
40.0						
42.5						
45.0						
47.5						
50.0						
52.5						
55.0						
57.5						
60.0						
62.5						
65.0						
67.5						
70.0						
72.5						
75.0						
77.5						
80.0						
82.5						
85.0						
87.5						
90.0						
92.5						
95.0						

Monitoring Location: _____

Line #: _____ Observer: _____

Date: _____ Recorder: _____

Point	First Layer	Second Layer	Third Layer	Fourth Layer	Fifth Layer	Sixth Layer
97.5						
100.0						
102.5						
105.0						
107.5						
110.0						
112.5						
115.0						
117.5						
120.0						
122.5						
125.0						
127.5						
130.0						
132.5						
135.0						
137.5						
140.0						
142.5						
145.0						
147.5						
150.0						

Vegetative Canopy:

1. % Vegetative Cover:

   A. Number of Rows with any Living Plant: _____

   B. Total Number of Rows (60): _____

   C. (A ÷ B) x 100 = _____ % Vegetative Cover

2. Plant Groups (% Grass, % Shrubs, % Trees, % Forbs):

   D. Number of Rows with any Living Grass: _____

   E. (D ÷ B) x 100 = _____ % Grass

   F. Number of Rows with any Living Shrub: _____

   G. (F ÷ B) x 100 = _____ % Shrubs

   H. Number of Rows with any Living Tree: _____

   I. (H ÷ B) x 100 = _____ % Trees

   J. Number of Rows with any Living Forb: _____

   K. (J ÷ B) x 100 = _____ % Forbs

3. % Bare Soil and % Litter:

   L. Number of Rows with Soil or Rock only

   (no plants or litter): _____

   M. (L ÷ B) x 100 = _____ % Bare Soil

   N. Number of Rows with any Litter: _____

   O. (N ÷ B) x 100 = _____ % Litter

Species Composition:

Plant Name (also summarize first layer hits of Soil or Rock)	No. of Rows in which Plant Occurs		Total Number of Rows		% Composition
		÷		x 100 =	
		÷		x 100 =	
		÷		x 100 =	
		÷		x 100 =	
		÷		x 100 =	
		÷		x 100 =	
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		÷		x 100 =	
		÷		x 100 =	
		÷		x 100 =	

Plant Code List

Monitoring Location: _____

Line #: _____ Observer: _____

Date: _____ Recorder: _____

Code	Scientific Name	Common Name
Example: BOGR	Bouteloua graciles	Blue Grama