Overstory Veg Plot (Variable Radius)

Project: _____ State phase name :_____

State phase ID:_____ **Plot replicate no**.:_____ Stand ID:_____

Date: _____ Observer: _____ Collector_____ Radius____(m or ft)

Stand inventory

Tree No.	Species	DBH (> 5 in.)	Age @ DBH	Health Status [1]	Tree Condition Code	Height (ft)	H.C.B. (ft)	Comments
1								
2								
3								
4								
5								
6								
7								
8								
9								
10								
11								
12								
13								
14								
15								
16								
17								
18								
19								
20								

BAF FACTOR USED:

Photo Numbers:

Take photos of ID card and in cardinal directions from plot center

Photo ID card	North Wide-angle	South Wide-angle	East Wide-angle	West Wide-angle

Densiometer **CIRCLE ONE** (Canopy / Sky)

North	East	South		West

1 Health status definitions and condition codes are on reverse side of page

Record "Condition" classes as follows:

"Good" (code G)

Attributes:	**USFS "Tree Condition" code from list below**
● Reasonably Straight	No quantifiers are used for Good condition trees— Use code 0
● Sound & Full Crown	
● Not excessively limby	
● no evidence of scars, wounds or disease	

"Poor" (Code P)

Attributes:	**USFS "Tree Condition" code from list below**
● Broken Top	Use up to three codes as appropriate. Select from USFS category list.
● Bad crotch	
● Excessive limbs	
● Cankers, wounds, scars, diseases, etc.se	

"Fair" (Code F)

Attributes:	**USFS "Tree Condition" code from list below**
This is an intermediate rating between Good and Poor.	Use up to three codes as appropriate. Select from USFS category list.

"Dead" (Code D)

Attributes:	**USFS "Tree Condition" code from list below**
Sound snag	Use Code 25
Rotted snag	Use Code 26

Condition classes "good", "poor" and "fair" are from NRCS National Forestry Handbook. "Dead" is added.

USFS Tree Condition Codes:

Place the appropriate condition code (up to three per tree) for each species recorded for the plot:

0	Healthy	14	Big Game
1	Mountain Pine Beetle	15	Porcupine
2	Fir Engraver Beetle	16	Rodents
3	Ips Beetle	17	Other Animals
4	Other Bark Beetles	18	Chemical
5	Shoot Borers	19	Weather (Windthrow, Snowbreak, Hail)
6	Defoliators	20	Suppression
7	Other Insects	21	Logging (Mechanical Damage)
8	Root Rot	22	Old Age
9	Stem Rot	23	Unknown
10	Mistletoe	24	Poor Form
11	Needle Disease	25	Sound snag
12	Fire	26	Rotted Snag
13	Livestock		

Understory Veg (high) Plot (1/20 acre - Small Trees and Tall Shrubs: 3 to 14 ft tall)

Project: _____ State phase name:_____

State phase ID :_____ **Plot replicate no.:**_____ Stand ID:_____

Date: _____ Observer: _____ Collector_____ Radius_____(m or ft)

Tree and shrub inventory

Coniferous Tree No.	Species	DBH (1<x< 5 in)	Health Status [1]	Comments	Other tree or Tall Shrub	Species	DBH (1<x< 5 in.) other trees only	Comments:
1					1			
2					2			
3					3			
4					4			
5					5			
6					6			
7					7			
8					8			
9					9			
10					10			
11					11			
12					12			
13					13			
14					14			
15					15			
16					16			
17					17			
18					18			
19					19			
20					20			

Understory canopy characteristics Make occular estimate of cover.

Species	% Cover	Average Height (ft.)	Average H.C.B (ft)

Cover and height by type Make occular estimate of cover.

Type	% Cover	Average Height (ft.)	Comments (Note dominant form of 'other' as moss, lichen, char, CWD, etc.)
SOIL			
ROCK			
Litter			
Non-WD			
Shrub			
Tree			
Other			

1 Health status definitions and condition codes are on reverse side of page

Understory Veg (low) Plot (1m^2 - Small Shrubs: < 3 ft tall)

Project: _____ State phase name:_____

State phase ID :_____ **Plot replicate no.:**_____ Stand ID:_____ Radius_____(m or ft)

Cover by species and height (occular estimate)

Subplot ID #: V1 Location[1] *UTM Zone* ___ E: N:

Species	*% Cover*	*Average Height (ft.)*

Groundcover Clip Plot (1m^2 - Grasses, Forbs, Sub-shrubs)

Lifeform	*wet weight (g)*	*dry weight (g)*
Grasses		
Forbs		
Subshrubs		
Total		

Subplot ID#: V2 Location *UTM Zone* _____ E: N:

Species	*% Cover*	*Average Height (ft.)*

Groundcover Clip Plot (1m^2 - Grasses, Forbs, Sub-shrubs)

Lifeform	*wet weight (g)*	*dry weight (g)*
Grasses		
Forbs		
Subshrubs		
Total		

Subplot ID#: V3 Location *UTM Zone* ___ E: N:

Species	*% Cover*	*Average Height (ft.)*

Groundcover Clip Plot (1m^2 - Grasses, Forbs, Sub-shrubs)

Lifeform	*wet weight (g)*	*dry weight (g)*
Grasses		
Forbs		
Subshrubs		
Total		

1 Get UTM reading from plot master and record here for reference.