

CALIFORNIA WILDLIFE HABITAT RELATIONSHIPS SYSTEM WOODED HABITAT SAMPLING DATASHEET

Date: _____ Sample Crew: _____ Plot Number: _____ Location: _____

Visual estimate at plot center before sampling: CWHR habitat type, size class and canopy closure class: _____
 Structure: Even-structure: _____, or Uneven-structure: _____

Standards For Tree Size					Standards For Canopy Closure		
CWHR Code	CWHR Size Class	Conifer Crown Diameter	Hardwood Crown Diameter	DBH	CWHR Code	CWHR Closure Class	Veg. Cover (Canopy Closure)
1	Seedling tree	n/a	n/a	<1.0"	S	Sparse Cover	10.0-24.9%
2	Sapling tree	n/a	<15.0'	1.0"-5.9"	P	Open cover	25.0-39.9%
3	Pole tree	<12.0'	15.0'-29.9'	6.0"-10.9"	M	Mod. Cover	40.0-59.9%
4	Small tree	12.0'-23.9'	30.0'-44.9'	11.0"-23.9"	D	Dense Cover	>60.0%
5	Medium/large tree	≥24.0'	≥45.0'	≥24.0"	<u>Uneven-structure</u> = ≥3 CWHR size classes, or if only 2 classes present, then the classes must skip an intervening class (e.g, 5 and 3 present but not 4) with distinctive height separation. Plots are even-structured if they do not meet uneven-structure definition.		
6	Multi-layered tree	A distinct layer of size class 5 trees over a distinct layer of size class 4 and/or 3 trees, and total tree canopy of the layers ≥ 60% (layers must have ≥ 10.0% canopy cover and distinctive height separation)					

Record species and dbh from all live woody stems ≥ 5.0" dbh in a 0.1-acre circular plot (37.2 ft radius). Crown diameter and height are from 1 tree/cardinal compass quarter with point-centered quarter for a total of 4 trees/plot. Overstory trees include pre-dominants and dominants, and generally co-dominants. Intermediate trees may be overstory or understory trees depending on relative crown position, while suppressed trees should always be understory trees.

Stem #	Species	Over/ under	dbh (0.1 in) in in	Crown diam (ft)	Ht (ft)	pt-ctr 1/4 quad quad	Stem #	Species	Over/ under	dbh (0.1 in)	Crown diam (ft)...	Ht (ft)	pt-ctr 1/4 quad
1							26						
2							27						
3							28						
4							29						
5							30						
6							31						
7							32						
8							33						
9							34						
10							35						
11							36						
12							37						
13							38						
14							39						
15							40						
16							41						
17							42						
18							43						
19							44						
20							45						
21							46						
22							47						
23							48						
24							49						
25							50						

OVERSTORY CANOPY COVER MEASUREMENT

Overstory cover hits (+) and misses (0) measured through a sighting tube at 6.2 ft. intervals beginning at the North stake and proceeding along the N-S axis for 13 readings, then from the East stake along the E-W axis for 12 readings and skipping the center stake. Take readings with tube held over the 6.2 ft. interval.

Percent Cover = (____ (no. hits)/25) * 100.

N-S: _____ E-W: _____
|
(Center stake)