

**CALIFORNIA WILDLIFE HABITAT RELATIONSHIPS SYSTEM  
NON-WOODED HABITAT SAMPLING DATASHEET**

Date: \_\_\_\_\_ Sample Crew: \_\_\_\_\_ Plot Number: \_\_\_\_\_ Location: \_\_\_\_\_

Visual estimate before sampling; CWHR habitat type: \_\_\_\_\_

Standards For Size Classes						Standards For Canopy Closure		
CWHR Class	WHR Size Classes	Shrub Habitats (% Crown Decadence)	Herb. Habitats (Plant Ht. @ Maturity)	Palm Oasis & Joshua Tree (base diam. above bulge)	Desert Habitats (Plant Ht.)	CWHR Class	WHR Closure Class	Ground Cover (Canopy Closure)
1	Seedling shrub/tree Short herb Seedling tree	Seedlings or sprouts < 3 yrs old	≤ 12.0"	< 1.5"	< 2.0'	S	Sparse cover	10.0-24.9% Shrub; 2.0-9.9% Herb, Palm Oasis, Joshua Tree, & Desert types
2	Young shrub Tall herb Small shrub/tree	< 1.0% (None)	≥ 12.1"	1.5- 19.9"(PO) 1.5-5.9" (JT)	2.0'-9.9'	P	Open cover	25.0-39.9% Shrub; 10.0-39.9% Herb, Palm Oasis, Joshua Tree, & Desert types
3	Mature shrub Large shrub/tree	1.0-24.9%		≥ 20.0" (PO) ≥ 6.0" (JT)	10.0'-19.9'	M	Mod. cover	40.0-59.9% all types
4	Decadent shrub	≥ 25.0%			≥ 20.0'	D	Dense cover	≥ 60.0% all types

Species, age, % decadence, height, and/or veg. canopy hits (+) or misses (-) from plots, grids or lines.

Stem or Pt. #	Species	Age	% Decadent	Ht. (in/ft)	hit or miss (+/-)	Stem or Pt. #	Species	Age	% Decadent	Ht. (in/ft)	hit or miss
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					

**VEGETATION COVER MEASUREMENT**

Vegetation cover measured along line transect or point intercept with 25-30 readings

Percent vegetation cover = \_\_\_\_ (# veg. hits/25 or 30) \* 100

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