

Combined Vegetation Rapid Assessment and Relevé Field Form

(Revised March 27, 2018)

For Office Use:	Final database #:	Final vegetation type:	Alliance
			Association
I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION			circle: <u>Relevé</u> or RA
Database #:	Date:	Name of recorder:	
SCN2107	5/16/21	Long Fernyhough	
	UID:	Other surveyors:	
		ASH JW	
		Location Name:	Swanton Pacific Ranch
GPS name: <u>Long's phone</u>		For Relevé only: Bearing°, left axis at ID point <u>198</u> of <u>Long</u> <u>Short</u> side	
UTME _____ UTMN _____		Zone: 11 NAD83 GPS error: ft./m./PDOP _____	
Decimal degrees: LAT <u>37.075460°</u>		LONG <u>-122.252113°</u>	
GPS within stand? <u>Yes</u> / No		If No, cite from GPS to stand: distance (m) _____ bearing ° _____ inclination ° _____	
and record: Base point ID _____		Projected UTM: UTM _____ UTMN _____	
Camera Name: <u>Long's cam</u>		Cardinal photos at ID point:	
Other photos:			
Stand Size (acres): <u><1</u> , 1-5, >5 Plot Area (m²): 100 / _____ Plot Dimensions <u>8</u> x <u>13</u> m RA Radius _____ m			
Exposure, Actual °: <u>19°</u> NE NW SE SW <u>Flat</u> Variable Steepness, Actual °: <u>5°</u> 0° <u>1-5°</u> > 5-25° > 25			
Topography: Macro: <u>top</u> upper mid lower bottom Micro: <u>convex</u> flat concave undulating			
Geology code: <u>Misf</u> Soil Texture code: _____ <u>Upland</u> or Wetland/Riparian (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			
H ₂ O: 0 BA Stems: 2 Litter: 5 Bedrock: - Boulder: - Stone: + Cobble: - Gravel: + Fines: 93 = 100%			
% Current year bioturbation <u>2</u> Past bioturbation present? <u>Yes</u> / No % Hoof punch <u>0</u>			
Fire evidence: <u>Yes</u> / No (circle one) If yes, describe in Site history section, including date of fire, if known.			
Site history, stand age, comments: We are in Swanton Pacific Ranch in an overgrazed area that experiences high winds, high bioturbation, hard pan soil, however the native species found here have adapted to such conditions. This native dominated grassland is dominated by California hair grass and a number of other perennial grasses, sedges and rushes. The CZ4 lightning complex fire burned the plot in August 2020, taking out several of the cattle fences within it. As such cattle have not been in the area in over 8 months. Because of the lack of grazing and the deposition of combusted vegetation acting as fertilizer, has resulted in grasses reaching their full height, and becoming particularly robust.			
Disturbance code / Intensity (L,M,H): <u>05</u> / <u>L</u> / _____ / _____ / _____ / _____ "Other" _____ / _____			
II. HABITAT DESCRIPTION			
Tree DBH: <u>T1</u> (<1" dbh), <u>T2</u> (1-6" dbh), <u>T3</u> (6-11" dbh), <u>T4</u> (11-24" dbh), <u>T5</u> (>24" dbh), <u>T6</u> multi-layered (T3 or T4 layer under T5, >60% cover)			
Shrub: <u>S1</u> seedling (<3 yr. old), <u>S2</u> young (<1% dead), <u>S3</u> mature (1-25% dead), <u>S4</u> decadent (>25% dead)			
Herbaceous: <u>H1</u> (<12" plant ht.), <u>H2</u> (>12" ht.)			
Desert Riparian Tree/Shrub: 1 (<2ft. stem ht.), 2 (2-10ft. ht.), 3 (10-20ft. ht.), 4 (>20ft. ht.)			
Desert Palm/Joshua Tree: 1 (<1.5" base diameter), 2 (1.5-6" diam.), 3 (>6" diam.)			
III. INTERPRETATION OF STAND			
Field-assessed vegetation Alliance name: <u>Deschampsia cespitosa - Hurdum brachyantherum - Danthonia californica</u>			
Field-assessed Association name (optional): _____			
Adjacent Alliances/direction: <u>Pinus attenuata x radiata</u> / North east Mixed grassland / West, south			
Confidence in Alliance identification: L M <u>H</u> Explain: _____			
Phenology (E,P,L): Herb <u>P</u> Shrub - Tree - Other identification or mapping information: _____			

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SPECIES SHEET

% NonVasc cover: — Total % Vasc Veg cover: 78

Height Class - Conifer tree / Hardwood tree: — / — **Regenerating Tree:** — **Shrub:** 1 **Herbaceous:** 1

Height classes: 1= $\leq 1/2$ m, 2=1/2-1m, 3=1-2m, 4=2-5m, 5=5-10m, 6=10-15m, 7=15-20m, 8=20-35m, 9=35-50m, 10= ≥ 50 m

Stratum categories: T=Tree, A = SApling, E = SEedling, S = Shrub, H= Herb, N= Non-vascular

% Cover Intervals for reference: r = trace, + = <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, >75%

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