

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 #: <u>SCR2 126</u>	Date: <u>5/22/21</u>	Name of recorder: <u>Lucy Fernandez</u>	☐
	UID:	Other surveyors: <u>ASH JW</u>	
		Location Name: <u>Swanton Pacific Ranch</u>	☐
GPS name: <u>Lucy's phone</u>		For Relevé only: Bearing°, left axis at ID point _____ of <u>Long</u> / <u>Short</u> side	
UTME _____ UTMN _____		Zone: 11 NAD83 GPS error (<u>ft</u>) / m. / PDOP <u>15</u>	
Decimal degrees: LAT <u>32.075072</u>		LONG <u>-122.253394</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>Lucy's cam</u>		Cardinal photos at ID point: _____	
Other photos: _____		☐	
Stand Size (acres): <u><1, 1-5, >5</u>		Plot Area (m ²): <u>100 / 105</u> Plot Dimensions <u>15 x 7</u> m RA Radius _____ m	
Exposure, Actual °: <u>300</u> NE (<u>NW</u>) SE SW Flat Variable		Steepness, Actual °: <u>3</u> 0° (<u>1-5°</u>) >5-25° >25	
Topography: Macro: top (<u>upper</u>) mid lower bottom		Micro: convex (<u>flat</u>) concave undulating	
Geology code: _____		Soil Texture code: <u>MESi</u> Upland 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: <u>0</u> BA Stems: <u>2</u> Litter: <u>2</u> Bedrock: - Boulder: - Stone: - Cobble: - Gravel: - Fines: <u>96</u> =100%		☐	
% Current year bioturbation <u>5</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: <u>We are at Swanton Pacific Ranch on grassland which has been historically grazed. Due to the Cien lightning Complex fire last August, the cattle fencing burned and they have not yet been rebuilt and the cows have not returned to the site. As a result of the lack of grazing and the nutrient flush from ash deposition, the grasslands are tall, thick and multilayered. The soil contains a high proportion of worm castings. Invasive nonnative grasses and forbs are dominant, but a diversity of native grasses, sedges, rushes maintain a strong presence to varying degrees across these hill sides.</u>			
Disturbance code / Intensity (L,M,H): <u>05 / H</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: <u>1</u> (<2ft. stem ht.), <u>2</u> (2-10ft. ht.), <u>3</u> (10-20ft. ht.), <u>4</u> (>20ft. ht.)			
Desert Palm/Joshua Tree: <u>1</u> (<1.5" base diameter), <u>2</u> (1.5-6" diam.), <u>3</u> (>6" diam.)			
III. INTERPRETATION OF STAND			
Field-assessed vegetation Alliance name: <u>Deschampsia cespitosa - Hordeum brachyantherum - Danthonia californica</u>			
Field-assessed Association name (optional): <u>Hordeum brachyantherum</u>			
Adjacent Alliances/direction: <u>Coastal scrub / west, Grassland / North, east, South</u> _____			
Confidence in Alliance identification: L M (<u>H</u>) Explain: _____			
Phenology (E,P,L): Herb _____ Shrub _____ Tree _____ Other identification or mapping information: _____			

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SPECIES SHEET

% NonVasc cover: — Total % Vasc Veg cover: 90

Height Class - Conifer tree / Hardwood tree: - / - **Regenerating Tree:** - **Shrub:** - **Herbaceous:** 2

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%

Unusual species: _____