

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>SCR2/31</u>	Date: <u>5/23/21</u>	Name of recorder: <u>Lucy Ferneyhough</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 <u>333</u> of <u>Long / Short</u> side	
UTME _____ UTMN _____		Zone: <u>11</u> NAD83 GPS error (<u>ft</u>) / m / PDOP <u>13</u>	
Decimal degrees: LAT <u>37.063399</u>		LONG <u>-122.219375</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 UTMs: UTME _____ UTMN _____			
Camera Name: <u>Lucy's cam</u> Cardinal photos at ID point:			
Other photos:			
Stand Size (acres): <1, 1-5, <u>>5</u> Plot Area (m²): <u>100</u> Plot Dimensions <u>10</u> x <u>10</u> m RA Radius _____ m			
Exposure, Actual °: <u>60</u> NE NW <u>SE</u> SW Flat Variable Steepness, Actual °: <u>20</u> 0° 1-5° <u>>5-25</u> >25			
Topography: Macro: top <u>upper</u> mid lower bottom Micro: convex <u>flat</u> concave undulating			
Geology code: _____ Soil Texture code: <u>MES1</u> <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: <u>0</u> BA Stems: _____ Litter: _____ Bedrock: - Boulder: - Stone: - Cobble: - Gravel: - Fines: =100%			
% Current year bioturbation <u>10</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 in Swanton Pacific Ranch on a south facing grassland dominated by purple needle grass. The area burned last year in the CSU lightning complex fire, up until which point the field was grazed. Cows won't return until burned fences have been repaired. The vegetation is mostly dry now and the noted covers probably would have been higher earlier in the spring. The soils here are fairly thin and erodable. Invasive species have a significant cover here, however the purple needle grass population is robust and expansive.</u>			
Disturbance code / Intensity (L,M,H): <u>05/M</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>Stipa pulchra</u>			
Field-assessed Association name (optional): <u>Stipa pulchra</u>			
Adjacent Alliances/direction: <u>Coast Live Oak / West, 1 Doug fir / Southeast</u>			
Confidence in Alliance identification: L M <u>H</u> Explain: _____			
Phenology (E,P,L): Herb <u>L</u> Shrub <u>-</u> Tree <u>-</u> Other identification or mapping information:			

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Database #: SCP42131

% NonVasc cover: _____ Total % Vasc Veg cover: 40

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