

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>SCR2102</u>	Date: <u>5/15/21</u>	Name of recorder: <u>Lucy Ferreyhough</u>	
		Other surveyors: <u>ASH JW</u>	
	UID:	Location Name: <u>Swanton Pacific Ranch</u>	
GPS name: <u>Lucy's iPhone</u>		For Relevé only: Bearing°, left axis at ID point <u>23</u> of <u>Long</u> / <u>Short</u> side	
UTME _____ UTMN _____		Zone: <u>11</u> NAD83 GPS error: ft./ m./ PDOP <u>15</u>	
Decimal degrees: LAT <u>37.059145</u> LONG <u>-122.248051</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</u> , 1-5, >5 Plot Area (m²): <u>100</u> / _____ Plot Dimensions <u>10</u> x <u>10</u> m RA Radius _____ m			
Exposure, Actual °: <u>245</u> NE NW SE (<u>SW</u>) Flat Variable Steepness, Actual °: <u>20</u> 0° 1-5° (<u>>5-25°</u>) >25			
Topography: Macro: top upper (<u>mid</u>) lower bottom Micro: convex (<u>flat</u>) concave undulating			
Geology code: <u>MISE</u> Soil Texture code: <u>MISL</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: <u>3</u> Bedrock: + Boulder: + Stone: + Cobble: + Gravel: <u>12</u> Fines: <u>85</u> =100%			
% Current year bioturbation <u>25</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, just below the third terrace on a patch of thin soil on top of Siliceous mudstone. The plot is characterized by a relatively even cover of California plantain, interspersed with gopher mounds and patches of nonnative grasses, and thistles. Within the plot there is a seasonal depression dominated by invasive grasses; outside of that area, these same species are diminished in size. The plot also includes a slightly steeper lower section with similar species composition. Near the plot, ditches and low areas are dominated by Italian thistle. Evidence of the CZU lightning fire can be seen on the hilltops to the East, burned pines and long RVs, but the plot itself did not burn.</u>			
Disturbance code / Intensity (L,M,H): <u>05</u> / <u>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>Plantago erecta</u>			
Field-assessed Association name (optional): _____			
Adjacent Alliances/direction: <u>Coastal scrub/Southwest, Lupinus arboreus, Eriogonum latifolium/East</u>			
Confidence in Alliance identification: L M (<u>H</u>) Explain: _____			
Phenology (E,P,L): Herb P/L Shrub Tree Other identification or mapping information: _____			
<u>Cattle present on site in past years but not within the last 8 months because cattle fencing burned last August.</u>			

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Database #: SCRUZ102

SPECIES SHEET

IV. VEGETATION DESCRIPTION

% NonVasc cover: — Total % Vasc Veg cover: 32

% Cover - Conifer tree / Hardwood tree: — / — Regenerating Tree: — Shrub: 1 Herbaceous: 32

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

Height classes: 1=<1/2m, 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=>50m

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%

Stratum	Species	% cover	C	Final species determination
H	<i>Plantago erecta</i>	13		
H	<i>Eschscholzia californica</i>	4		
H	<i>Erodium cicutarium</i>	2		
H	<i>Avena barbata</i>	1		
H	<i>Lupinus nanus</i>	+		
H	<i>Madia gracilis</i>	+		
H	<i>Hypochaeris radicata</i>	1		
H	<i>Festuca perennis</i>	3		
H	<i>Silene gallica</i>	+		
H	<i>Bromus hordeaceus</i>	+		
H	<i>Bromus diandrus</i>	+		
H	<i>Marah fabacea</i>	+		
H	<i>Carduus pycnocephalus</i>	+		
S	<i>Eriogonum latifolium</i>	+		
H	<i>Festuca bromoides</i>	3		
H	<i>Plantago lanceolata</i>	1		
H	<i>Erodium cicutarium</i>	+		
H	<i>Hypochaeris glabra</i>	1		
S	<i>Rubus ursinus</i>	+		
H	<i>Trifolium angustifolium</i>	+		
H	<i>Gentiana melitensis</i>	+		
H	<i>Madia sativa</i>	+		
H	<i>Poa unilateralis</i>	+		
H	<i>Calystegia purpurata</i> ssp <i>purpurata</i>	+		
H	<i>Silene maritima</i>	+		
H	<i>Sanicula arctopoides</i>	1		
H	<i>Rumex acetosella</i>	+		
H	<i>Chlorogalum pomeridianum</i>	+		
H	<i>Daucus pusilis</i>	+		
H	<i>Linum biennae</i>	+		
H	<i>Brachypodium distachyon</i>	2		
H	<i>Stipa pulchra</i>	+		

Unusual species: _____