

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:	
SCR2106	5/16/21	Lucy Fernandez	
	UID:	Other surveyors:	ASH - Ju
		Location Name:	Swanton Pacific Ranch
GPS name: <u>Lucy's phone</u>		For Relevé only: Bearing°, left axis at ID point <u>233</u> of <u>Long / Short</u> side	
UTME		UTMN	
		Zone: 11 NAD83 GPS error: ft./ m./ PDOP <u>15</u>	
Decimal degrees: LAT <u>37.070601</u>		LONG <u>-122.255916</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 camera</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 x 10</u> m RA Radius <u> </u> m			
Exposure, Actual°: <u>336</u> NE <u>NW</u> SE SW Flat Variable Steepness, Actual°: <u>42</u> 0° 1-5° >5-25° <u>>25</u>			
Topography: Macro: top <u>upper</u> <u>mid</u> lower bottom Micro: convex flat <u>concave</u> undulating			
Geology code: <u>MISF</u> Soil Texture code: <u>MFSL</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)			
H20: 0 BA Stems: 2 Litter: 7 Bedrock: 1 Boulder: — Stone: — Cobble: 1 Gravel: 30 Fines: 61 =100%			
% Current year bioturbation <u>+</u> Past bioturbation present? <u>Yes</u> No % Hoof punch <u>7</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 north west facing steep coastal slope characterized by a mixture of native herbaceous and woody perennials containing the listed Santa Cruz microsites in significant numbers. The stand is dominated by California fescue with a number of interesting native wildflowers including coast larkspur, Franciscan coyote mint, fairy lanterns, yellow, and Indian paintbrush. Coastal scrub species are creeping into the stand with lack of appropriate disturbance, and cattle trails crisscross the slope. Overall the site represents a diverse melange of native coastal species.</u>			
Disturbance code / Intensity (L,M,H): <u>DS/L</u> <u>04/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>Erectica californica</u>			
Field-assessed Association name (optional): <u>Erectica californica</u>			
Adjacent Alliances/direction: <u>Pinus attenuata x radiata</u> 1 East., <u>Aesculus californica</u> / West.			
Confidence in Alliance identification: L M <u>H</u> Explain: <u> </u>			
Phenology (E,P,L): Herb <u>P</u> Shrub <u>E</u> Tree <u> </u> Other identification or mapping information: <u> </u>			

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Database #: SCRUZ106

SPECIES SHEET

IV. VEGETATION DESCRIPTION

% NonVasc cover: Total % Vasc Veg cover: 75

% Cover - Conifer tree / Hardwood tree: - / - Regenerating Tree: - Shrub: 25 Herbaceous: 57

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

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>Festuca californica</i>	39		
H	<i>Delphinium decorum</i>	+		
H	<i>Dudleya cespitosa</i>	+		
H	<i>Achillea millefolium</i>	+		
H	<i>Adiantum jordanii</i>	1		
S	<i>Artemisia californica</i>	1		
S	<i>Toxicodendron diversilobum</i>	15		
H	<i>Castilleja affinis</i>	+		
S	<i>Eriophyllum stachaeifolium</i>	+		
H	<i>Stebbinsoseris decipiens</i>	+		
H	<i>Pteridium aquilinum</i>	15		
S	<i>Baccharis pilularis</i>	9		
H	<i>Daucus pusillus</i>	+		
H	<i>Plantago erecta</i>	+		
S	<i>Frangula californica</i>	+		
S	<i>Pseudognaphalium californicum</i>	+		
H	<i>Clarkia rubicunda</i>	+		
H	<i>Keeleria macrantha</i>	+		
H	<i>Melica torreyana</i>	+		
H	<i>Galium parryense</i>	1		
H	<i>Ara canophylla</i>	+	H	<i>Verthymis vestitus</i> +
H	<i>Galium californicum</i>	+	H	<i>Sidalcea maliflora</i> +
H	<i>Drymonia glandulosa</i>	1		
H	<i>Monardella villosa</i> ssp <i>franciscana</i>	1		
H	<i>Calochortis albus</i>	+		
H	<i>Sanicula crassicaulis</i>	+		
H	<i>Sanicula arctopoides</i>	+		
H	<i>Tutteleia laxa</i>	+		
H	<i>Chlorogalum pomeridianum</i>	+		
H	<i>Logfia gallica</i>	+		
H	<i>Plantago lanceolata</i>	+		
H	<i>Bromus diandrus</i>	+		
H	<i>Bromus hordeaceus</i>	+		
H	<i>Festuca bromoides</i>	1		
H	<i>Luzula subsessilis</i>	+		
H	<i>Linum bienne</i>	+		

Unusual species: