

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:	
<u>SPUR2 105</u>	<u>5/16/21</u>	<u>Lucy Fennelough</u>	
	UID:	Other surveyors:	
		<u>ASH JW</u>	
		Location Name:	
		<u>Swanton Pacific Ranch</u>	
GPS name: <u>Lucy's iPhone</u>		For Relevé only: Bearing°, left axis at ID point <u>165</u> of <u>Long</u> / <u>Short</u> side	
UTME	UTMN	Zone: <u>11</u> NAD83 GPS error: <u>ft</u> m./ PDOP <u>15</u>	
Decimal degrees: LAT <u>37.073034</u> LONG <u>-122.257487</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: 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>7 x 15</u> m RA Radius m			
Exposure, Actual °: <u>172</u> NE NW <u>SE</u> SW Flat Variable Steepness, Actual °: <u>14</u> 0° 1-5° <u>>5-25°</u> >25			
Topography: Macro: top <u>upper</u> mid lower bottom Micro: <u>convex</u> flat concave undulating			
Geology code: <u>SAND</u> Soil Texture code: <u>SAND</u> Upland or Wetland/Riparian (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			
H20: <u>+</u> BA Stems: <u>4</u> Litter: <u>86</u> Bedrock: <u>-</u> Boulder: <u>-</u> Stone: <u>-</u> Cobble: <u>-</u> Gravel: <u>-</u> Fines: <u>10</u> =100%			
% Current year bioturbation <u>1</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 at the very edge of the third coastal terrace, aka western terrace, in low perched/bunched marsh. The water table on the third terrace is at the surface here along this edge, creating the perfect environment of wet soils for rushes sedges and Pacific Red grass. The stand is extremely dense, and dominated by pacific reed grass. There is very low cover of invasives. Very near to the ocean, the stand is bathed daily in coastal fog. We saw a group of sleeping native bees on the tips of Juncus hesperius, and Phaion crescent butterfly in the plot.</u>			
Disturbance code / Intensity (L,M,H): <u>05 12</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>Calamagrostis nutkaensis</u>			
Field-assessed Association name (optional):			
Adjacent Alliances/direction: <u>grassland/northeast, Coastal scrub/South.</u> /			
Confidence in Alliance identification: L M <u>H</u> Explain:			
Phenology (E,P,L): Herb <u>P</u> Shrub <u>E</u> Tree <u>-</u> Other identification or mapping information:			

Combined Vegetation Rapid Assessment and Relevé Field Form

(Revised March 27, 2018)

SPECIES SHEET

Database #: SCRH2 105

IV. VEGETATION DESCRIPTION

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

% Cover - Conifer tree / Hardwood tree: — / — Regenerating Tree: — Shrub: 10 Herbaceous: 83

Height Class - Conifer tree / Hardwood tree: — / — Regenerating Tree: — Shrub: 3 Herbaceous: 3

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>Calamagrostis nutkaensis</i>	55		
H	<i>Juncus effusus</i> var <i>pacificus</i>	2		
H	<i>Juncus hesperius</i>	15		
H	<i>Juncus patens</i>	1		
H	<i>Juncus lescurii</i>	3		
H	<i>Baccharis pilularis</i>	+		
H	<i>Isolepis cernuus</i>	+		
H	<i>Equisetum telmateia</i>	2		
S	<i>Rubus ursinus</i>	7		
H	<i>Woodwardia frithii</i>	+		
H	<i>Conium maculatum</i>	+		
H	<i>Erythranthe grandis</i>	+		
H	<i>Carex harrfordii</i> ("granovici")	2		
H	<i>Sisynchium bellum</i>	+		
	<i>Hypericum anagalioides</i>			outside plot - w/in stand
H	<i>Juncus bufonius</i>	+		
H	<i>Briza maxima</i>	+		
H	<i>Sonchus asper</i>	+		
H	<i>Briza minor</i>	+		
H	<i>Cirsium vulgare</i>	+		
H	<i>Dryocallis glandulosa</i>	+		
H	<i>Stachys bullata</i>	r		
S	<i>Baccharis glutinosa</i>	r		
	<i>Verbena</i>			outside plot - w/in stand
	<i>Pseudogrophalium bulbosum</i>			outside plot w/in stand
H	<i>Aira caryophylla</i>	+		
H	<i>Senecio minimus</i>			outside plot - w/in stand.
H	<i>Urtica dioica</i>	+		
H	<i>Scrophularia californica</i>	1		
H	<i>Myosotis latifolia</i>	+		
H	<i>Epilobium ciliolatum</i> var <i>watsonii</i>	+		
H	<i>Achillea millefolium</i>	+		
H	<i>Pteridium aquilinum</i>	+		
H	<i>Choropodium douglasii</i>	+		
S	<i>Toxicodendron diversilobum</i>	3		

Unusual species: _____