

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>SCR12397</u>		Date: <u>7/28/21</u>		Name of recorder: <u>Lucy Fernandez</u>			
		UID: _____		Other surveyors: <u>Emmanuel</u>			
				Location Name: <u>Granaton Pacific Ranch</u>			
GPS name: <u>Emma's iPhone</u>				For Relevé only: Bearing°, left axis at ID point <u>3/2</u> of <u>Long / Short</u> side			
UTME _____		UTMN _____		Zone: 11 NAD83 GPS error: ft./ m./ PDOP <u>15</u>			
Decimal degrees: LAT <u>37.045070</u>		LONG <u>-122.227433°</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, <u>1-5</u> , >5		Plot Area (m²): <u>100</u>		Plot Dimensions <u>10 x 10</u> m		RA Radius _____ m	
Exposure, Actual °: <u>135</u> NE NW <u>SE</u> SW Flat Variable		Steepness, Actual °: <u>9</u> 0° 1-5° <u>>5-25°</u> >25					
Topography: Macro: top upper <u>mid</u> lower bottom		Micro: convex <u>flat</u> <u>concave</u> undulating					
Geology code: <u>MISE</u>		Soil Texture code: <u>MESIL</u> Upland or <u>Wetland/Riparian</u> (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>1</u> Litter: <u>35</u> Bedrock: <u>0</u> Boulder: <u>0</u> Stone: <u>0</u> Cobble: <u>0</u> Gravel: <u>0</u> Fines: <u>64</u> =100%							
% Current year bioturbation <u>2</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 looking at a sedge stand dominated by Santa Barbara sedge. The stand is being invaded by tree species including long fir and coast live oak. Pampas grass is beginning to take over the meadow below the stand. This stand burned we are guessing last year in the CZU lightning fire of August 2020. The fire top killed all the Santa Barbara sedge but it is regrowing vigorously, whose cover would probably have been much higher. The fire was too low intensity to kill any of the trees, lightly burning the willows and scorching the lower canopies of the oaks. The stand extends to the Northwest and Northeast where shrubs and young trees become more dense.</u>							
Disturbance code / Intensity (L,M,H): <u>051 M</u> <u>191 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: <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>Carex barbarae</u>							
Field-assessed Association name (optional): <u>Carex barbarae</u>							
Adjacent Alliances/direction: <u>Wetland grassland / Southeast, Salix lasiolepis / Northwest.</u>							
Confidence in Alliance identification: L <u>M</u> H Explain: <u>tree encroachment?</u>							
Phenology (E,P,L): Herb <u>P</u> Shrub <u>P</u> Tree <u>P</u> Other identification or mapping information: _____							

Combined Vegetation Rapid Assessment and (Revised March 27, 2018) SPECIES SHEET

Database #: SCRUZ 397

IV. VEGETATION DESCRIPTION

% Cover - Conifer tree / Hardwood tree: 1 +
Height Class - Conifer tree / Hardwood tree: 1 4

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

% NonVasc cover: 1

Regenerating Tree: 1

Regenerating Tree: 1

Total % Vasc Veg cover: 30
Shrub: 5 Herbaceous: 26
Shrub: 2 Herbaceous: 2

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%

Final species determination

Stratum	Species	% cover	C
		20	
H	Carex barbaea	2	
S	Toxicodendron diversilobum	1	
S	Lupinus arboreus	2	
H	Symphoricarpos chilense	+	
H	Carduus pycnocephalus	1	
S	Salix lasiolepis	+	
T	Quercus agrifolia	+	
H	Avena barbata	3	
H	Vicia tetrasperma	+	
H	Sonchus oleraceus	1	
S	Rubus ursinus	+	
H	Juncus patens	+	
H	Festuca bromoides	+	
H	Bromus setosus var. cuneatus	+	
H	Holcus lanatus	1	
H	Cenex tumulicola	+	
H	Baccharis pilularis	+	
S	Pteridium aculeatum	+	
H	Erigeron canadensis	+	
H	Scrophularia californica	+	