

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>SC02103</u>	Date: <u>MAY 15 2021</u>	Name of recorder: <u>ASH</u>	
	UID:	Other surveyors: <u>LF JW</u>	
		Location Name: <u>SWANTON PACIFIC RANCH</u>	
GPS name: <u>WUY PHONE</u>		For Relevé only: Bearing°, left axis at ID point <u>217</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>37.062374</u>		LONG <u>122.253115</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>WUY Cam</u> Cardinal photos at ID point:			
Other photos:			
Stand Size (acres): <u><1</u> , 1-5, >5 Plot Area (m²): <u>100</u> / <u>100</u> Plot Dimensions <u>10</u> x <u>10</u> m RA Radius <u> </u> m			
Exposure, Actual°: <u>~11</u> NE NW SE <u>(SW)</u> Flat Variable Steepness, Actual°: <u>7</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>MFCL</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)			
H2O: <u>0</u> BA Stems: <u>1</u> Litter: <u>5</u> Bedrock: <u>0</u> Boulder: <u>0</u> Stone: <u>0</u> Cobble: <u>1</u> Gravel: <u>40</u> Fines: <u>54</u> =100%			
% Current year bioturbation <u>8</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>Site on first marine terrace, directly near cliff over ocean, stand characterized by DIPLOPSA, GRINDELIA, AND WUPINE WITH LOW GROWING HERBACEOUS PLANTS. SEE NORTH, ADJACENT TO STAND IS MOSTLY LIZED TALL, COYOTE BUSH, AND PAMPAS GRASS. STAND BURNED IN AUG 2020, WHICH REDUCED SIZE AND EXTENT OF GRINDELIA, AND MORE OVERALL VEG AND VEGETATION. PROXIMITY TO OCEAN BRINGS MOISTURE AT NIGHT, WHICH BRINGS VERDANCY TO OVERALL POOR SOIL, MOSTLY DEGRADED SALICIOUS MUDSTONE.</u>			
<u>The dudleyas here are growing horizontally in the soil - not vertically on cliff.</u>			
Disturbance code / Intensity (L,M,H): <u>05</u> / <u>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>GRINDELIA PROVISIONAL HERBACEOUS</u>			
Field-assessed Association name (optional): <u>GRINDELIA HESUTUA</u>			
Adjacent Alliances/direction: <u>BACCHARUS/RODE/SCOPH / E, SW</u>			
Confidence in Alliance identification: L M <u>(H)</u> Explain: <u> </u>			
Phenology (E,P,L): Herb <u>P/L</u> Shrub <u>P</u> Tree <u>(H)</u> Other identification or mapping information: <u> </u>			

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SPECIES SHEET

% NonVasc cover: 0 Total % Vasc Veg cover: 43

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

% Cover Intervals for reference: r = trace, + = <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, >75%

Unusual species: Agrostis blanda