

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:	
SRV20204	6/16/21	Anna Geiger	
		Other surveyors:	Emma Wheeler
	UID:	Location Name:	Sealiff State Beach
GPS name: _____		For Relevé only: Bearing°, left axis at ID point _____ of Long / Short side	
UTME _____ UTMN _____		Zone: 11 NAD83 GPS error: ft./ m./ PDOP _____	
Decimal degrees: LAT <u>36.971751</u>		LONG <u>121.910624</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>Emma</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 _____ x _____ m RA Radius _____ m			
Exposure, Actual °: _____ NE NW SE SW <u>Flat</u> Variable Steepness, Actual °: <u>0</u> <u>0°</u> 1-5° >5-25° >25			
Topography: Macro: <u>top</u> upper mid lower bottom Micro: convex <u>flat</u> concave undulating			
Geology code: <u>SAND</u> Soil Texture code: <u>MESA</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: <u>2</u> Litter: <u>15</u> Bedrock: <u>0</u> Boulder: <u>0</u> Stone: <u>0</u> Cobble: <u>0</u> Gravel: <u>+</u> Fines: <u>87</u> =100%			
% Current year bioturbation <u>3</u> Past bioturbation present? <u>Yes</u> / No % Hoof punch <u>0</u>			
Fire evidence: Yes / <u>No</u> (circle one) If yes, describe in Site history section, including date of fire, if known.			
Site history, stand age, comments: We are at a highly disturbed open grassland above the cliffs at Sealiff State Beach where coyote brush is encroaching on a surprisingly dense patch of purple needle grass. This area experiences multiple disturbances including trails, beach traffic, homes, and high invasive cover. Maybe some kind of positive disturbance has been occurring close to the cliffs to create a dense stand of purple needle grass as the adjacent areas are overwhelmed by invasive grasses and herbs. Hooker's Evening Primrose is growing in small patches near the plot but not in the plot. Although this stand has a high native grass cover, the majority of the plot is populated by invasive grasses which become primarily natives over the trail.			
Disturbance code / Intensity (L,M,H): <u>15</u> / <u>L</u> <u>5</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>Neumilla spp / Melica spp.</u>			
Field-assessed Association name (optional): <u>Baccharis pularis / Nassella pulchra</u>			
Adjacent Alliances/direction: <u>wild Radish / Invasive grass</u> <u>NE/NW</u> <u>Beach</u> <u>SW</u>			
Confidence in Alliance identification: L M <u>H</u> Explain: _____			
Phenology (E,P,L): Herb <u>L</u> Shrub <u>P</u> Tree _____ Other identification or mapping information: _____			

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SPECIES SHEET

% NonVasc cover: 0 Total % Vasc Veg cover: 35

Regenerating Tree: _____ Shrub: 15 Herbaceous: 25
Herbaceous: 7

Regenerating Tree: _____ Shrub: 3 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%

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%

Unusual species: _____