

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>Lucy Ferreyhough / EW</u>
<u>SRU2098</u>	<u>5/12/21</u>	Other surveyors:	<u>EW</u>
	UID:	Location Name:	<u>Waddell Beach, Big Basin State Park</u>
GPS name: <u>Lucy's iPhone</u>		For Relevé only: Bearing°, left axis at ID point <u>226</u> of <u>Long</u> / <u>Short</u> side	
UTME _____	UTMN _____	Zone: 11 NAD83 GPS error: <u>10</u> m./ PDOP <u>15</u>	
Decimal degrees: LAT <u>37.095856</u> LONG <u>-122.277293</u>			
GPS within stand? Yes / 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 cam</u>		Cardinal photos at ID point:	
Other photos:			
Stand Size (acres): <1, <u>1-5</u> , >5 Plot Area (m ²): <u>100</u> Plot Dimensions <u>5 x 20</u> m RA Radius _____ m			
Exposure, Actual°: <u>210</u> NE NW SE <u>SW</u> Flat Variable Steepness, Actual°: <u>variable</u> 0° <u>1-5</u> >5-25° >25			
Topography: Macro: <u>top</u> <u>upper</u> <u>mid</u> lower bottom Micro: <u>convex</u> flat concave undulating		Geology code: <u>SAND</u> Soil Texture code: <u>SAND</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>+</u> Litter: <u>+</u> Bedrock: <u>0</u> Boulder: <u>0</u> Stone: <u>0</u> Cobble: <u>0</u> Gravel: <u>0</u> Fines: <u>99</u> =100%			
% Current year bioturbation <u>0</u> Past bioturbation present? Yes / <u>No</u> % 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 the dune area south of the mouth of Waddell Creek. This plot contains two adjacent micro-dunes, both dominated by <i>Ambrosia</i> w/ <i>Lathyrus</i> in one dune and <i>Abrotia</i> in the other. <i>Leymus mollis</i> also a significant feature of the dune habitat integrity. Minimal human impact on dune area although it a part of a public beach, as 30 meters from a road.</u>			
Disturbance code / Intensity (L,M,H): <u>S 1L 2012</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><i>Abrotia latifolia</i> - <i>Amelanchier alnifolia</i></u>			
Field-assessed Association name (optional): <u><i>Abrotia latifolia</i> - <i>Calystegia soldanella</i> - <i>Lathyrus littoralis</i></u>			
Adjacent Alliances/direction: <u><i>Eriogonum</i> sp / NE, Ocean / SW.</u>			
Confidence in Alliance identification: L M <u>H</u> Explain: _____			
Phenology (E,P,L): Herb <u>P/E</u> Shrub - Tree - Other identification or mapping information:			

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SPECIES SHEET

IV. VEGETATION DESCRIPTION

% NonVasc cover: 0 Total % Vasc Veg cover: 30

% Cover - Conifer tree / Hardwood tree: / / Regenerating Tree: / Shrub: / Herbaceous: 32

Height Class - Conifer tree / Hardwood tree: / / Regenerating Tree: / Shrub: / Herbaceous: 1

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>Ambrosia chamissonis</i>	16		
H	<i>Abronia latifolia</i>	5		
H	<i>Lathyrus littoralis</i>	6		
H	<i>Calystegia soldanella</i>	1		
H	<i>Calcile matridama</i>	+		
H	<i>Bromus diandrus</i>	1		
H	<i>Comissonia cheimanthifolia</i>	1		
H	<i>Hypochaeris glabra</i>	R		
H	<i>Cryptantha pterocarya</i> ?	+	✓	
H	<i>Leymus mollis</i>	2		
H	<i>Distichlis spicata</i>	+		
H	<i>Abronia umbellata</i> var <i>umbellata</i>	T		
H	<i>Carpobrotus chilensis</i>	+		

Unusual species: _____