

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: Relevé or RA
Database #: SCR 2099	Date: 5/12/21	Name of recorder: Emma Weller, Lucy Pennington	Other surveyors: LF
UID:	Location Name: Waddell Beach, Big Bend State Park		
GPS name: Lucy	For Relevé only: Bearing°, left axis at ID point 202 of Long / Short side		
UTME	UTMN	Zone: 11 NAD83 GPS error: ft./ m./ PDOP	
Decimal degrees: LAT 37.094702 LONG -122.276981			
GPS within stand? Yes / No If No, cite from GPS to stand: distance (m) bearing° inclination°			
and record: Base point ID Projected UTMs: UTME UTMN			
Camera Name: Lucy Cardinal photos at ID point:			
Other photos:			
Stand Size (acres): <1, 1-5, >5 Plot Area (m²): 100 Plot Dimensions 5 x 20 m RA Radius 2 m			
Exposure, Actual°: 20 NE NW SE SW Flat Variable Steepness, Actual°: 2 0° 1-5° >5-25° >25			
Topography: Macro: top upper mid lower bottom Micro: convex flat concave undulating			
Geology code: SAND Soil Texture code: SAND Upland or Wetland/Riparian (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			
H2O: 0 BA Stems: 1 Litter: 8 Bedrock: - Boulder: - Stone: - Cobble: - Gravel: - Fines: 91 =100%			
% Current year bioturbation 0 Past bioturbation present? Yes / No % Hoof punch 0			
Fire evidence: Yes / No (circle one) If yes, describe in Site history section, including date of fire, if known.			
Site history, stand age, comments: We are in a south west facing dune system at Waddell beach, on the south side of the creek mouth. The stand consists of sparse herbaceous vegetation dominated by American Dune grass. Other characteristic dune species are also present, including sand verbena, saltbush, saltgrass, and Ambrosia. There is a significant cover of drift wood, including some large logs that make up the bulk of the litter, which is otherwise very low. Invasives are present but not significant. All the slopes to the northwest burned in the C20 lightning complex fire in August 2020.			
Disturbance code / Intensity (L,M,H): 05/L 1 1 1 1 "Other" 1			
II. HABITAT DESCRIPTION			
Tree DBH: T1 (<1" dbh), T2 (1-6" dbh), T3 (6-11" dbh), T4 (11-24" dbh), T5 (>24" dbh), T6 multi-layered (T3 or T4 layer under T5, >60% cover)			
Shrub: S1 seedling (<3 yr. old), S2 young (<1% dead), S3 mature (1-25% dead), S4 decadent (>25% dead)			
Herbaceous: H1 (<12" plant ht.), H2 (>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: Lymus mollis			
Field-assessed Association name (optional):			
Adjacent Alliances/direction: Ambrosia chamissonis/Northeast, Waddellcreek/Southwest			
Confidence in Alliance identification: L M (H) Explain:			
Phenology (E,P,L): Herb P/E Shrub - Tree - Other identification or mapping information:			

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SPECIES SHEET

% NonVasc cover: — Total % Vasc Veg cover: 12

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

Height classes: 1= $\leq 1/2$ m, 2= $1/2-1$ m, 3= $1-2$ m, 4= $2-5$ m, 5= $5-10$ m, 6= $10-15$ m, 7= $15-20$ m, 8= $20-35$ m, 9= $35-50$ m, 10= ≥ 50 m

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: