

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>SCR2993</u>	Date: <u>9/24/21</u>	Name of recorder: <u>Lucy Fernyhough</u>	☒
UID:	Other surveyors:		
Location Name: <u>Diablo Foothills Open Space Preserve</u>			☒
GPS name: <u>Lucy's iPhone</u>		For Relevé only: Bearing°, left axis at ID point <u>131</u> of Long / Short side	☒
UTME	UTMN	Zone: 11 NAD83 GPS error: ft./m./PDOP <u>15</u>	
Decimal degrees: LAT <u>37.023333</u>		LONG <u>-121.467607</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 UTM	☒
Camera Name: <u>Lucy's cam</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 <u>10 x 10</u> m RA Radius m			☒
Exposure, Actual°: <u>81</u> NE NW SE SW Flat Variable Steepness, Actual°: <u>12</u> 0° 1-5° <u>>5-25°</u> >25			☒
Topography: Macro: top upper mid <u>lower</u> bottom Micro: convex flat <u>concave</u> undulating			☒
Geology code: Soil Texture code: <u>MES1</u> Upland 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: 0 BA Stems: 2 Litter: 98 Bedrock: - Boulder: - Stone: - Cobble: - Gravel: - Fines: + =100%			☒
% Current year bioturbation Past bioturbation present? <u>Yes</u> / No % Hoof punch <u>5</u>			☒
Fire evidence: Yes / No (circle one) If yes, describe in Site history section, including date of fire, if known.			☒
Site history, stand age, comments: <u>Bay below a small reservoir that likely accumulates water in the winter, but also probably with vegetation tapping into subterranean moisture originating in the reservoir above. Stand has evenly distributed tufts of Juncus with several large but discrete patches of Dallas grass. Cyperus and Pseudognaphalium present at lower corners. The stand is covered in a thick disturbed thatch, seems to be trampled and killed by cattle who are not currently present. Hoof punch present but buried under thatch.</u>			
Disturbance code / Intensity (L,M,H): <u>05 / H1 04 / H</u> / / / "Other" /			
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 (<15" base diameter), 2 (1.5-6" diam.), 3 (>6" diam.)			
III. INTERPRETATION OF STAND			
Field-assessed vegetation Alliance name: <u>Juncus patens</u>			
Field-assessed Association name (optional): <u>Juncus patens - Paspalum dilatatum</u>			
Adjacent Alliances/direction: <u>Coast line oak / east, surfen dam / reservoir / west.</u>			
Confidence in Alliance identification: L <u>M</u> H Explain: <u>new association</u>			
Phenology (E,P,L): Herb L Shrub Tree Other identification or mapping information:			

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SPECIES SHEET

% NonVasc cover: **Total % Vasc Veg cover:** 55

Regenerating Tree:

Shrub:

Herbac

55

Regenerating Tree:

Shrub:

Herbaceous

1

Height classes: 1= $\leq 1/2$ m, 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= ≥ 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: