

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 <u>RA</u>
Database #: <u>SCRUZ 557</u>	Date: <u>9/3/21</u>	Name of recorder: <u>Lucy Ferryhough</u>	
		Other surveyors: <u>Alex H.</u>	
	UID:	Location Name: <u>Joseph D. Grant County Park</u>	
GPS name: <u>Lucy's phone</u>		For Relevé only: Bearing°, left axis at ID point _____ 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>34.313689</u> LONG <u>-121.676437</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's: UTME _____ UTMN _____			
Camera Name: <u>Lucy's cam</u> Cardinal photos at ID point: _____			
Other photos: _____			
Stand Size (acres): <1, 1-5, <u>>5</u> Plot Area (m²): 100 / _____ Plot Dimensions _____ x _____ m RA Radius <u>30</u> m			
Exposure, Actual °: <u>239</u> NE NW SE <u>SW</u> Flat Variable Steepness, Actual °: <u>16</u> 0° 1-5° <u>>5-25°</u> >25			
Topography: Macro: top <u>upper</u> <u>mid</u> <u>lower</u> bottom Micro: convex flat concave <u>undulating</u>			
Geology code: _____ Soil Texture code: <u>MLSL</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 ₀ : 0 BA Stems: 2 Litter: 98 Bedrock: 0 Boulder: 0 Stone: 0 Cobble: 0 Gravel: 0 Fines: 0 =100%			
% Current year bioturbation 0 Past bioturbation present? Yes / <u>No</u> % Hoof punch 0			
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: <u>Blue oak stand that seems to cover much of the nearby west facing slopes with varying degrees of dominance of other tree species. Much recruitment is taking place in the stand, primarily gray pine, but also blue and coast live oak. It may have something to do with the absence of cattle on the property as cattle fencing along ridge to NW was burned in the SCU lightning fire last fall. - Perhaps seedlings had been getting ripped down and now have a chance to grow (at least for the oaks.) Gray pine saplings coat upper parts of the slopes where in past fire regimes they may have remained grasslands.</u>			
Disturbance code / Intensity (L,M,H): <u>DS/L</u> <u>IS/L</u> _____ 1 _____ 1 _____ 1 "Other" _____ 1			
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>Quercus douglasii</u>			
Field-assessed Association name (optional): <u>Quercus douglasii - Pinus salicaria</u>			
Adjacent Alliances/direction: <u>Quercus ag - Bay/Southwest</u> , _____, _____			
Confidence in Alliance identification: L M <u>H</u> Explain: _____			
Phenology (E,P,L): Herb <u>L</u> Shrub <u>L</u> Tree <u>P</u> Other identification or mapping information: _____			

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Database #: SCRUZ57

SPECIES SHEET

IV. VEGETATION DESCRIPTION

% NonVasc cover: + Total % Vasc Veg cover: 58

% Cover - Conifer tree / Hardwood tree: +138 Regenerating Tree: 10 Shrub: 3 Herbaceous: 25

Height Class - Conifer tree / Hardwood tree: 616 Regenerating Tree: 4 Shrub: 2 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
T/A/E	<i>Quercus douglasii</i>	35/+11		
T/A/E	<i>Quercus agrifolia</i>	+1/+1		
T/E	<i>Quercus kelloggii</i>	3/+		
T	<i>Asclepias californica</i>	1		
T/A/E	<i>Umbellularia californica</i>	+1/+1		
T/A/E	<i>Pinus sabiniana</i>	+17/11		
S	<i>Baccharis pilularis</i>	+		
S	<i>Lonicera hispidula</i>	2		
S	<i>Symphoricarpos albus</i>	+		
S	<i>Rosa</i> sp.	+		
H	<i>Galium parviflorum</i>	1		
H	<i>Paronychia arvensis</i>	5		
H	<i>Torilis arvensis</i>	+		
H	<i>Paronychia</i> sp.	5		
H	<i>Cynodon dactylon</i>	5		
S	<i>Ribes</i> sp.	+		
S	<i>Toxicodendron diversilobum</i>	1		
T/E	<i>Quercus lobata</i>	+1/+		
H	<i>Pentstemon triangularis</i>	1		
S	<i>Erigeron phillyrifolius</i>	+		
H	<i>Calochortus</i>	+		
H	<i>Chlorogalum pomeridianum</i>	+		
H	<i>Eryopteris angusta</i>	+		
H	<i>Elymus glaucus</i>	+		
H	<i>Lesqueria filiformis</i>	1		
H	<i>Achillea millefolium</i>	+		
H	<i>Avena</i>	5		
N	Moss on woody roots	+		
H	<i>Festuca bromoides</i>	5		
H	<i>Festuca perennis</i>	2		

Unusual species: _____