

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 #: <u>SCR2551</u>	Date: <u>9/2/21</u>	Name of recorder: <u>Lucy Ferneyhough</u>	☒ ☒ ☒
UID:	Other surveyors: <u>Anna Geiger, Alex Hagner</u>	Location Name: <u>Joseph D. Grant County Park</u>	
GPS name: <u>Lucy's iPhone</u>		For Relevé only: Bearing°, left axis at ID point ____ of Long / Short side	
UTME _____ UTMN _____		Zone: 11 NAD83 GPS error: ft./ m./ PDOP <u>15</u>	
Decimal degrees: LAT <u>37.333096</u>		LONG <u>-121.697586</u>	
GPS within stand? ☒ Yes / ☐ No If No, cite from GPS to stand: distance (m) ____ bearing ° ____ inclination ° ____			
and record: Base point ID _____		Projected UTM: UTM _____ UTMN _____	
Camera Name: <u>Lucy's cam</u> Cardinal photos at ID point:			
Other photos:			
Stand Size (acres): <1, 1-5, ☒ >5		Plot Area (m²): 100 / _____ Plot Dimensions ____ x ____ m RA Radius <u>30</u> m	
Exposure, Actual °: <u>293</u> NE ☒ NW SE SW Flat Variable		Steepness, Actual °: <u>32</u> 0° 1-5° >5-25° ☒ >25	
Topography: Macro: top ☒ upper ☒ mid ☒ lower ☒ bottom		Micro: convex ☒ flat ☒ concave undulating	
Geology code: _____		Soil Texture code: <u>MELS</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: <u>40</u> Bedrock: + Boulder: + Stone: + Cobble: + Gravel: <u>29</u> Fines: <u>29</u> =100%			
% Current year bioturbation <u>40</u> Past bioturbation present? ☒ Yes / ☐ No		% Hoof punch <u>0</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>Mixed oak stand dominated by blue oak with black oak. Coast live oak and valley oak also have significant cover. Shrubs are patchy in the understory, with poison oak continuous throughout and big berry manzanita present in one dense patch. At the bottom of the draw, bay and buckeye become dominant. Poison oak has lost most of its leaves by now and would likely have much higher cover towards edges of stand. Poison oak becomes more patchy, concentrated in discrete clumps amongst a grassland matrix. Boulders & rocks exposed at convex tips. Saplings seem to be entirely coast live oak, while seedlings are a mix.</u>			
Disturbance code / Intensity (L,M,H): <u>15M 51M 191L</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>Quercus agrifolia douglasii, garyana, kelloggii, lobata, wislizenii</u>			
Field-assessed Association name (optional): <u>Quercus douglasii - Quercus kelloggii - Quercus lobata / Toxicodendron diversilobum</u>			
Adjacent Alliances/direction: <u>grassland / Oak savannah / A-11</u>			
Confidence in Alliance identification: L ☒ M ☒ H ☐ Explain: <u>new association</u>			
Phenology (E,P,L): Herb ☐ Shrub ☒ Tree ☐ Other identification or mapping information:			

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SPECIES SHEET

% NonVasc cover: 1 Total % Vasc Veg cover: 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: