

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 #: SCRUZ0010	Date: 10/22/2020	Name of recorder: Hann Osborne	
	UID:	Other surveyors: Michael Hahn	
		Location Name: Bonny Doon Ecological Reserve	
GPS name: Michael's Iphone		For Relevé only: Bearing°, left axis at ID point ___ of Long / Short side	
UTME _____	UTMN _____	Zone: 11 NAD83 GPS error: ft./ m./ PDOP _____	
Decimal degrees: LAT 37.0539 37.0539		LONG 122.137 122.137	
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: Michael's Iphone Cardinal photos at ID point: _____			
Other photos: _____			
Stand Size (acres): <1, 1-5, (5)		Plot Area (m ²): 100 / _____ Plot Dimensions ___ x ___ m RA Radius 25 m	
Exposure, Actual°: -2 NE NW (SE) SW (Flat) Variable		Steepness, Actual°: ___ 0° (1-5°) >5-25° >25	
Topography: Macro: top upper (mid) lower bottom		Micro: convex (flat) concave undulating	
Geology code: SAND Soil Texture code: FISM		(Upland) or Wetland/Riparian (circle one)	
% Surface cover: 35 (Incl. outcrops (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud))			
H ₂ O: 0 BA Stems: 1 Litter: BT Bedrock: 0 Boulder: 0 Stone: 0 Cobble: 0 Gravel: 0 Fines: 20 =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: Open ponderosa stand with SE exposure below sandstone outcrops. Site also includes recent bulldozer cut and is adjacent to Martin Rd. Evidence of previous fire on ponderosa and oaks, possibly from 2008 fire. Older ponderosa mixed with smaller madrone and oak. Understory vegetation dominated by small shrubs and grass species.			
Disturbance code / Intensity (L,M,H): 15 / L 20 / L / _____ / _____ / _____ / "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 (<1.5" base diameter), 2 (1.5-6" diam.), 3 (>6" diam.)			
III. INTERPRETATION OF STAND			
Field-assessed vegetation Alliance name: Pines Ponderosa / Understory shrub			
Field-assessed Association name (optional): _____			
Adjacent Alliances/direction: Pines Attenuata / A. silvicola / SE Quercus species / N			
Confidence in Alliance identification: L M (H) Explain: _____			
Phenology (E,P,L): Herb L Shrub L Tree E Other identification or mapping information: _____			

Combined Vegetation Rapid Assessment and Relevé Field Form

(Revised March 27, 2018)

Database #: SCRW010

SPECIES SHEET

IV. VEGETATION DESCRIPTION

% NonVasc cover: + Total % Vasc Veg cover: 65

% Cover - Conifer tree / Hardwood tree: 3 / 1 Regenerating Tree: 4 Shrub: ~~25~~ 25 Herbaceous: ~~32~~ 32
 Height Class - Conifer tree / Hardwood tree: 8 / 4 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>Pinus ponderosa</i>	3/c/1		
T/A/E	<i>Quercus agrifolia</i>	1/1/+		
A	<i>Arbutus menziesii</i>	1		
S	<i>Arctostaphylos californica</i>	3		
S	Lupinus <i>Lupinus albus</i>	1		
S	<i>Ericameria ericoides</i>	15		
S	Toxopneumon <i>diversilobum</i>	1		
S	<i>Diplicus aurantiacus</i>	+		
S	<i>Arctostaphylos silvicola</i>	2		
S	<i>Crocatherum scoparium</i>	2		
S	Eriogonum <i>nudum var. dalecens</i>	1		
H	<i>Achillea millefolium</i>	+		
H	<i>Pteridium alkalinum</i>	10		
H	<i>Briza</i> sp (major?)	20		
H	<i>Rumex acetosella</i>	1		
H	<i>Carex</i> sp	1		
H	<i>Artemisia</i> sp (pyrocephala?)	+		
S	<i>Cytisus scoparius</i>	r		
S	<i>Adenostoma fasciculatum</i>	r		
H	Annual Aster (Cichorieae)	r		
H	<i>Pseudognaphalium</i>	r		

Unusual species: Annual Aster, Eriogonum nudum var. dalecens, Scott's broom