

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					
Database #: <u>scruto 156</u>		Date: <u>6/2/21</u>		Name of recorder: <u>Emma Wheeler</u>	
		UID: _____		Other surveyors: <u>LF</u>	
		Location Name: <u>Wilder Ranch - Chiniqua-in trail</u>			
GPS name: <u>Emma</u>		For Relevé only: Bearing°, left axis at ID point _____ of <u>Long</u> / <u>Short</u> side			
UTME _____		UTMN _____		Zone: 11 NAD83 GPS error: ft./ m./ PDOP _____	
Decimal degrees: LAT <u>37.009837</u>		LONG <u>122.088866</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 _____ UTMN _____			
Camera Name: <u>Lucy</u>		Cardinal photos at ID point: _____			
Other photos: _____					
Stand Size (acres): <u><1, 1-5, >5</u>		Plot Area (m²): 100 / _____		Plot Dimensions <u>10 x 10</u> m RA Radius _____ m	
Exposure, Actual °: <u>29 NE</u>		NW SE SW Flat Variable		Steepness, Actual °: <u>3</u> 0° <u>1-5°</u> >5-25° >25	
Topography: Macro: top <u>upper</u> mid lower bottom		Micro: <u>convex</u> flat concave undulating			
Geology code: <u>MISSE</u>		Soil Texture code: <u>MPSA</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)			
H2O: <u>0</u> BA Stems: <u>3</u>		Litter: <u>15</u>		Bedrock: <u>0</u> Boulder: <u>0</u> Stone: <u>0</u> Cobble: <u>0</u> Gravel: <u>0</u> Fines: <u>82</u> =100%	
% Current year bioturbation <u>20</u>		Past bioturbation present? Yes / No % Hoof punch <u>0</u>			
Fire evidence? <u>Yes</u> No (circle one)		If yes, describe in Site history section, including date of fire, if known.			
Site history, stand age, comments: <u>One of several ~15m radius Bracken fern stands encroaching into open meadows of mixed native / invasive grasslands. This bracken-encroachment behavior is a common pattern across the grasslands of Santa Cruz. Its understory is made up primarily of the Bala maxima - Festuca bromiodes association. This pattern can especially be seen throughout the USC campus grasslands, perhaps due to lack of fire regime? Tree ferns are not invasive but can act as such.</u>					
Disturbance code / Intensity (L,M,H): <u>5 / M 2 / M</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: 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>Pteridium aquilinum</u>					
Field-assessed Association name (optional): <u>Bala maxima - Festuca bromiodes</u>					
Adjacent Alliances/direction: <u>Elymus - Bromus cernuus M.E. SES1</u> <u>W</u>					
Confidence in Alliance identification: <u>L</u> M H Explain: <u>not within alliance</u>					
Phenology (E,P,L): Herb <u>P</u> Shrub <u>P</u> Tree _____ Other identification or mapping information: _____					

Database #: 8Cwto 156

SPECIES SHEET

% Cover - Conifer tree / Hardwood tree:

% NonVasc cover: ____ Total % Vasc Veg cover: 60

Height Class - Conifer tree / Hardwood tree:

Regenerating Tree:

Shrub: 7 Herbaceous: 66

Height Class - Conifer tree / Hardwood tree:

Regenerating Tree:

Shrub: 1 Herbaceous: 2

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
 Intervals for reference: 5 = tree, 10 = sapling, 15 = seedling, 20 = shrub, 25 = herb, 30 = non-vascular

% Cover Intervals for reference: r = trace, + = <1%, 1-5%, >5-15%, >15-25%, >25-50%, >50-75%, >75%

Page 2