

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 #: SCR2958	Date: 9/17/21	Name of recorder: Lucy Fernyhaugh	
		Other surveyors: EW	
	UID:	Location Name: Swanton Pacific Ranch	
GPS name: Lucy's		For Relevé only: Bearing°, left axis at ID point _____ of Long / Short side	
UTME _____		UTMN _____ Zone: 11 NAD83 GPS error: ft./ m./ PDOP 15	
Decimal degrees: LAT 37.089503° LONG -122.248471°			
GPS within stand? Yes / No If No, cite from GPS to stand: distance (m) _____ bearing ° _____ inclination ° _____			
and record: Base point ID _____ Projected UTMs: UTME _____ UTMN _____			
Camera Name: Lucy's cam Cardinal photos at ID point: _____			
Other photos: _____			
Stand Size (acres): <1, (1-5), >5 Plot Area (m²): 100 / _____ Plot Dimensions _____ x _____ m RA Radius 30 m			
Exposure, Actual °: 269 NE NW SE SW Flat Variable Steepness, Actual °: 18 0° 1-5° >5-25° >25			
Topography: Macro: top upper mid lower bottom Micro: convex flat concave undulating			
Geology code: MISE Soil Texture code: MCLS Upland or Wetland/Riparian (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			
H20: 0 BA Stems: 2 Litter: 97 Bedrock: - Boulder: - Stone: - Cobble: + Gravel: + Fines: 1 =100%			
% Current year bioturbation 4 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: Burned riparian stand at Swanton Pacific Ranch is dominated by bay with subdominants California nutmeg and redwood. Other riparian tree species are present at lower cover including buckeye and red alder. The area burned in the 2020 CZU lightning fire, current visible scorch is ~8%, with about as much leafless branch area. A few trees did burn full and were killed as evinced by burned logs littering plot, however many survived. Saplings were top killed, with 50% resprouting. Herb layer looks diverse and healthy, with very good coverage of the soil.			
Disturbance code / Intensity (L,M,H): 15 1 L 05 1 M 1 1 1 "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: Umbellularia californica			
Field-assessed Association name (optional): Umbellularia californica - Siquora sempervirens - Tameya californica			
Adjacent Alliances/direction: Pseudotsuga menziesii / East, Acer - Alnus / West, North South			
Confidence in Alliance identification: L (M) H Explain: new association includes nutmeg.			
Phenology (E,P,L): Herb L Shrub P Tree P Other identification or mapping information: _____			

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SPECIES SHEET

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

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%

Unusual species: