

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>SCR2 960</u>	Date: <u>9/17/21</u>	Name of recorder: <u>Lucy Fernandez</u>	
		Other surveyors: <u>En</u>	
	UID:	Location Name: <u>Swanton Paci</u>	
GPS name: <u>Lucy's iPhone</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 <u>15</u>	
Decimal degrees: LAT <u>37.080339</u>		LONG <u>-122.243706</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>168</u> NE NW (SE) SW Flat Variable Steepness, Actual °: <u>10</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>MFC</u> (Upland) or Wetland/Riparian (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			
H20: <u>0</u> BA Stems: <u>1</u> Litter: <u>8</u> Bedrock: - Boulder: - Stone: - Cobble: - Gravel: <u>20</u> Fines: <u>71</u> =100%			
% Current year bioturbation <u>0</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>South facing slope at Swanton Pacific Ranch was severely burned in the 2020 CZU lightning complex fire. Almost all species were top killed excluding a single coast live oak which is resprouting at 15' (2/3 original height). The scarred landscape is still relatively open with scattered charred logs, and patchy resprout/seedling emergence. The area is dominated by California lilac seedlings, with resprouting coyote brush and poison oak, as well as herbaceous seedlings, and knobcone pine. Overall the soil is still bare and blackened with many burned out stump holes with vitrified soils. Many charred standing dead knobcones and curled over lilacs.</u>			
Disturbance code / Intensity (L,M,H): <u>DS/M</u> _____ / _____ / _____ "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: <u>Leaonothus thysiflorus</u>			
Field-assessed Association name (optional): <u>Leaonothus thysiflorus - Baccharis pilularis - Toxicodendron diversilobum</u>			
Adjacent Alliances/direction: <u>Sese-prme / East, Piab / South, North</u>			
Confidence in Alliance identification: L M (H) Explain: _____			
Phenology (E,P,L): Herb <u>L</u> Shrub <u>P</u> Tree <u>P</u> Other identification or mapping information: _____			

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SPECIES SHEET

% NonVasc cover: 1 Total % Vasc Veg cover: 29

Height Class - Conifer tree / Hardwood tree: 15 Regenerating Tree: 1 Shrub: 2 Herbaceous: 2

Height classes: 1= $\leq 1/2$ m, 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= >50 m

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: