

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: <u>Relevé</u> or RA
Database #: <u>SCR2127</u>	Date: <u>5/22/21</u>	Name of recorder: <u>Lucy Ferneyhough</u>	
	UID:	Other surveyors: <u>ASH JW</u>	
		Location Name: <u>Swanton Pacific Ranch</u>	
GPS name: <u>Lucy's phone</u>		For Relevé only: Bearing°, left axis at ID point <u>116</u> of <u>Long / Short</u> side	
UTME _____ UTMN _____		Zone: <u>11</u> NAD83 GPS error: <u>10</u> m./ PDOP <u>15</u>	
Decimal degrees: LAT <u>37.073332</u> LONG <u>-122.256303</u>			
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: <u>Lucy's cam</u> Cardinal photos at ID point:			
Other photos:			
Stand Size (acres): <1, 1-5, >5 Plot Area (m²): <u>100</u> Plot Dimensions <u>10 x 10m</u> RA Radius _____ m			
Exposure, Actual °: <u>190</u> NE NW SE <u>SW</u> <u>Flat</u> Variable Steepness, Actual °: <u>3</u> 0° <u>1-5°</u> >5-25° >25			
Topography: Macro: top upper mid lower <u>bottom</u> Micro: convex flat <u>concave</u> undulating			
Geology code: _____ Soil Texture code: <u>MES1</u> Upland or <u>Wetland</u> 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>4</u> Litter: _____ Bedrock: _____ Boulder: _____ Stone: _____ Cobble: _____ Gravel: _____ Fines: <u>95</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>We are at Swanton Pacific Ranch in a seasonally wet meadow dominated by native carex and juncus. The meadow burned during the 124 lightning complex fire. All the plants were burned to within an inch of the ground. The soil is heavy clay, and very dry with wide cracks. The plot consists of dense clumps of sedge and rushes interspersed with wide gaps of hardened clay and sparse nonnative annual weeds. Because of the tilted terrace, water collects in these marshy areas. There is a history of agriculture here and the area is usually grazed but due to the fire, the cattle fences burned and cows haven't been here since last year.</u>			
Disturbance code / Intensity (L,M,H): <u>051K</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>Juncus patens - Carex obnupta</u>			
Field-assessed Association name (optional): <u>Juncus hesperius</u>			
Adjacent Alliances/direction: <u>Baccharis glutinosa / Southeast, Coastal scrub / southwest.</u>			
Confidence in Alliance identification: L ☒ M ☒ H Explain: <u>J. hesperius not an association?</u>			
Phenology (E,P,L): Herb <u>P</u> Shrub <u>P</u> Tree _____ Other identification or mapping information:			

Agosius excavatus
Junco phaeocephalus

SPECIES SHEET

SPECIES SHEET

% NonVasc cover: Total % Vasc Veg cover: 55

☐ ☒ ☐☐ ☒ ☐☐ ☒ ☐☐ ☒ ☐☐ ☒ ☐☐ ☒ ☐☐ ☒ ☐