

Combine 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 #: SCR2 373 Date: 7/26/21 Name of recorder: Lucy Fernandez Other surveyors: Emma Wheeler Location Name: Watsonville Slough

GPS name: Emma's phone For Relevé only: Bearing°, left axis at ID point 3 of Long/Short side UTME UTMN Zone: 11 NAD83 GPS error: ft./m./PDOP 15

Decimal degrees: LAT 36.908486° LONG -121.770244°

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: Lucy's cam Cardinal photos at ID point: Other photos:

Stand Size (acres): <1 1-5 >5 | Plot Area (m²): 100/75 | Plot Dimensions 5 x 15 m | RA Radius m Exposure, Actual°: 84° NE NW SE SW Flat Variable | Steepness, Actual°: 6 0° 1-5° >5-25° >25

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating Geology code: CLAL Soil Texture code: FESi | Upland or Wetland/Riparian (circle one)

% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud) H20: 45 BA Stems: 3 Litter: 52 Bedrock: - Boulder: - Stone: - Cobble: - Gravel: - Fines: + =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: This is a mixed stand of native and invasive herbs at the edge of Watsonville Slough. Eleocharis and Persicaria are the primary native species. The stand represents a break from the main veg types found around the slough which is dominated by patches of Arroyo willow, Schoenoplectus and Typha.

Disturbance code / Intensity (L,M,H): OS / M / / / / / / "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: Eleocharis (acicularis, macrostachya) Field-assessed Association name (optional): Eleocharis macrostachya Adjacent Alliances/direction: H20 / East, Salix lasiolepis / South, Typha/Schoenoplectus / Northeast. Confidence in Alliance identification: L M H Explain: Phenology (E,P,L): Herb P Shrub Tree Other identification or mapping information:

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SPECIES SHEET

Database #: SCRu2373

IV. VEGETATION DESCRIPTION

% NonVasc cover: 0 Total % Vasc Veg cover: 49

% Cover - Conifer tree / Hardwood tree: / / Regenerating Tree: / Shrub: / Herbaceous: 49

Height Class - Conifer tree / Hardwood tree: / / Regenerating Tree: / Shrub: / 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

% 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
H	<i>Eleocharis macipstachya</i>	5		
H	<i>Persicaria punctata</i>	12		
H	<i>Ludwigia peploides</i>	16		
H	<i>Sparganium eurycarpum</i>	2		
H	<i>Cyperus eragrostis</i>	2		
H	<i>Lythrum hyssopifolia</i>	+		
H	<i>Pseudognaphalium luteoalbum</i>	+		
H	<i>Rumex conglomeratus</i>	+		
H	<i>Echinochloa crus-galli</i>	+		
H	<i>Lotus corniculatus</i>	6		
H	<i>Helminthotheca echioides</i>	1		
H	<i>Polygonum monspeliense</i>	2		
H	<i>Festuca perennis</i>	+		
H	<i>Plantago major</i>	+		
H	<i>Xanthoxylum thummarium</i>	+		
H	<i>Medicago polymorpha</i>	+		
H	<i>Vicia sativa</i>	+		