

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 #:	Date:	Name of recorder:
SCR2991	9/24/21	Lucy Ferneyhough
UID:	Other surveyors:	
	Location Name: <u>Diablo Foothills Open Space Preserve</u>	

GPS name: Lucy's iPhone For Relevé only: Bearing°, left axis at ID point 79 of Long / Short side

UTME _____ UTMN _____ Zone: 11 NAD83 GPS error: ft./m./PDOP 15'

Decimal degrees: LAT 37.019876° LONG -121.468002

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/ | Plot Dimensions 5 x 10 m | RA Radius _____ m

Exposure, Actual °: _____ NE NW SE SW Flat Variable | Steepness, Actual °: _____ 0° 1-5° >5-25° >25

Topography: Macro: top upper mid lower bottom | Micro: convex flat concave undulating

Geology code: _____ Soil Texture code: Much | Upland or Wetland/Riparian (circle one)

% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)

H20: 99 BA Stems: | Litter: - 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: Pond with aquatic vegetation dominated by Potamogeton, with Sparganium and Ceratophyllum. Aquatic vegetation is concentrated along South side of the pond. Typha grows most of the pond and Arroyo willow is at the inlet end. This pond is being restored - as evidenced by fencing and some caged trees and shrubs nearby. Fish are seen and heard leaping out of the water.

Disturbance code / Intensity (L,M,H): 21 H / / / / / "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: Sparganium (pectinata) - Potamogeton spp.

Field-assessed Association name (optional): Potamogeton

Adjacent Alliances/direction: Typha latifolia/South, northeast, Xanthium strumarium/North

Confidence in Alliance identification: L M (H) Explain: not sure about species ID.

Phenology (E,P,L): Herb E Shrub - Tree - Other identification or mapping information:

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SPECIES SHEET

% Non Vasc cover: 7 Total % Vasc Veg cover: 65

Herbaceous: 65

Herbaceous: 1

Stratum categories: T=Tree, A = SApling, E = SEedling, S = Shrub, H= Herb, N= Non-vascular

Unusual species: