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: Lucy Fernyhough
SCRU2031	1/19/21	Other surveyors: Emma Wheeler
	UID:	Location Name: Pinto Lake County Park.

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

UTME _____ **UTMN** _____ **Zone: 11** **NAD83** GPS error: **ft./ m./ PDOP** ____

Decimal degrees: **LAT** 36.961799 **LONG** -121.774715

GPS within stand? Yes / (No) If No, cite from GPS to stand: distance (m) 15 bearing° 270° inclination° 0

and record: **Base point ID** _____ **Projected UTMs: UTME** _____ **UTMN** _____

Camera Name: Lucy's iPhone **Cardinal photos at ID point:**

Other photos:

Stand Size (acres): (<1) 1-5, >5 | **Plot Area (m²):** (100) ____ | **Plot Dimensions** 10 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: CLAL/SIAL **Soil Texture code:** MUCK | **Upland** or (Wetland)/**Riparian** (circle one)

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

H20: 95 **BA Stems:** 4 **Litter:** 1 **Bedrock:** 0 **Boulder:** 0 **Stone:** 0 **Cobble:** 0 **Gravel:** 0 **Fines:** 0 =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: Wetland stand dominated almost exclusively by Schoenoplectus californicus and Hydrocotyle ranunculoides. Typha latifolia is just outside the stand. This lake is surrounded by agricultural fields so is probably impacted by nutrient run off. Sediment collection basins have been established around the park. Coots, Townsend's warbler and Great Egret nearby. Possibly Bidens laevis near by.

Disturbance code / Intensity (L,M,H): 03/M 17/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: Schoenoplectus californicus

Field-assessed Association name (optional): Schoenoplectus californicus - Hydrocotyle ranunculoides

Adjacent Alliances/direction: Eucalyptus globulus /Southwest, Quercus agrifolia /Northeast

Confidence in Alliance identification: L M (H) **Explain:** _____

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

Adj: Salix sp / West ; H20 / East.

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Database #: SCRUZ031 SPECIES SHEET

IV. VEGETATION DESCRIPTION

% NonVasc cover: — **Total % Vasc Veg cover:** 92

% Cover - **Conifer tree / Hardwood tree:** — / — **Regenerating Tree:** — **Shrub:** — **Herbaceous:** 92

Height Class - Conifer tree / Hardwood tree: — / — **Regenerating Tree:** — **Shrub:** — **Herbaceous:** 3

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	Schoenoplectus californicus	77		
H	Hydrocotyle ranunculoides	65		
H	Persicaria sp.	2		No flower present
H	Typha latifolia	6		
H	Epilobium ciliatum	+		
H	Plantago major	+		

Unusual species: _____