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 Fesmeyhough
SCRM2 941	9/22/21	Other surveyors:
	UID:	Location Name: Calero Reservoir

GPS name: Lucy's iPhone — For Relevé only: Bearing°, left axis at ID point 90° of Long / Short side

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

Decimal degrees: LAT 37.185587° LONG -121.773868

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: Lucy's cam. 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: _____ Soil Texture code: Mucic | Upland or Wetland/Riparian (circle one)

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

H2O: 86 BA Stems: 4 Litter: 6 Bedrock: 0 Boulder: 0 Stone: 0 Cobble: 0 Gravel: 0 Fines: 4 =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: Stand of cattails with water smartweed at the edge of Calero Reservoir. Stand is situated between a band of Tules in the deeper water and on the land side, more Persicaria, Baccharis, Thistle and Distichlis. The water surface within the stand is covered with a layer of Azolla. A number of other invasive weeds occur on the near shore including Cynodon, and Cortaderia.

Disturbance code / Intensity (L,M,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: Typha (angustifolia, domingensis, latifolia)

Field-assessed Association name (optional): Typha (latifolia, angustifolia) - Persicaria punctata

Adjacent Alliances/direction: Schoenoplectus / South, Brassica nigra - Distichlis / North

Confidence in Alliance identification: L M H Explain: _____

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

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SPECIES SHEET

Database #: SCRU2941

IV. VEGETATION DESCRIPTION

% NonVasc cover:____ **Total % Vasc Veg cover:** 80 ☑

% Cover - **Conifer tree / Hardwood tree:** — / — **Regenerating Tree:** — **Shrub:** — **Herbaceous:** 80 ☑

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	Typha latifolia	28		
H	Persicaria punctata	35		
H	Azolla microphylla.	55		
H	Schoenoplectus californicus	2		
H	Epilobium ciliolatum	1		

Unusual species: ____________________