

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			
Database #: SCR020114	Date: 5/19/21	Name of recorder: Emma Wheeler	circle: Relevé or <u>RA</u>
	UID:	Other surveyors: LF, AH	
		Location Name: Soda Lake	
GPS name: <u>Way</u>	For Relevé only: Bearing°, left axis at ID point ____ of <u>Long</u> / <u>Short</u> side		
UTME	UTMN	Zone: 11	NAD83 GPS error: <u>10</u> m./ PDOP <u>1.5</u>
Decimal degrees: LAT <u>36.909731</u> LONG <u>-121.605391</u>			
GPS within stand? <u>Yes</u> / No If No, cite from GPS to stand: distance (m) ____ bearing ° ____ inclination ° ____			
and record: Base point ID ____ Projected UTM: UTM ____ UTMN ____			
Camera Name: <u>LF</u> Cardinal photos at ID point: ____			
Other photos: ____			
Stand Size (acres): <u><1</u> , 1-5, >5 Plot Area (m²): 100 / ____ Plot Dimensions ____ x ____ m RA Radius <u>12</u> m			
Exposure, Actual °: ____ NE NW SE SW <u>Flat</u> Variable Steepness, Actual °: <u>0</u> <u>0°</u> 1-5° >5-25° >25			
Topography: Macro: top upper mid lower <u>bottom</u> Micro: convex <u>flat</u> concave undulating			
Geology code: <u>S1AL</u> Soil Texture code: <u>MFSL</u> Upland or <u>Wetland/Riparian</u> (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			
H20: <u>0</u> BA Stems: <u>2</u> Litter: <u>2</u> Bedrock: <u>-</u> Boulder: <u>-</u> Stone: <u>-</u> Cobble: <u>+</u> Gravel: <u>+</u> Fines: <u>96</u> =100%			
% Current year bioturbation <u>60</u> Past bioturbation present? <u>Yes</u> / No % Hoof punch <u>2</u>			
Fire evidence: Yes / <u>No</u> (circle one) If yes, describe in Site history section, including date of fire, if known.			
Site history, stand age, comments: We are at soda lake on the southern end of the county. This area is the only alkaline lake in the county and has records for many rare plants. The part of the property we are in was a mine tailings deposition pond and seems to be highly degraded, with toxic invasives such as tamarisk, and pampas grass. The soil here is gray and just looks like the contents of a bag of montair. Our plot is dominated by narrow leafed willow. The broader area contains arroyo willow and black cottonwood. The herb layer is dominated by invasive grasses.			
Disturbance code / Intensity (L,M,H): <u>09/H</u> <u>05/H</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>Salix exigua</u>			
Field-assessed Association name (optional): <u>Salix exigua - Salix lasiolepis</u>			
Adjacent Alliances/direction: <u>Pampas / west, Salix lasiolepis / East.</u>			
Confidence in Alliance identification: L M <u>H</u> Explain: ____			
Phenology (E,P,L): Herb <u>P</u> / LShrub <u>P</u> Tree <u>P</u> Other identification or mapping information: ____			

SPECIES SHEET

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% NonVasc cover: Total % Vasc Veg cover: 45

Shrub: VS Herbaceous: SL

Shrub: 1 Herbaceous: 1

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%

Unusual species: