

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 #: <u>Scm2 248</u>	Date: <u>6/29/21</u>	Name of recorder: <u>Lucy Fernandez</u>	circle: <u>Relevé</u> or RA
	UID:	Other surveyors: <u>Emily CM</u>	
		Location Name: <u>Soda Lake</u>	
GPS name: <u>Lucy's phone</u>		For Relevé only: Bearing°, left axis at ID point <u>192</u> of <u>Long</u> / <u>Short</u> side	
UTME _____ UTMN _____		Zone: 11 NAD83 GPS error: ft./ m./ PDOP <u>15</u>	
Decimal degrees: LAT <u>36.908846</u> LONG <u>-121.602412</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>Lucy's phone</u> Cardinal photos at ID point: _____			
Other photos: _____			
Stand Size (acres): <1, 1-5, >5 Plot Area (m²): <u>(100)</u> Plot Dimensions <u>5</u> x <u>20</u> m RA Radius _____ m			
Exposure, Actual °: <u>192</u> NE NW SE <u>(SW)</u> <u>(Flat)</u> Variable Steepness, Actual °: <u><1</u> 0° 1-5° >5-25° >25			
Topography: Macro: top upper mid lower <u>(bottom)</u> Micro: convex <u>(flat)</u> concave undulating			
Geology code: _____ Soil Texture code: <u>Mud</u> Upland or Wetland/Riparian (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			
H ₂ O: <u>93</u> BA Stems: <u>6</u> Litter: <u>+</u> Bedrock: <u>-</u> Boulder: <u>-</u> Stone: <u>-</u> Cobble: <u>-</u> Gravel: <u>-</u> Fines: <u>-</u> =100%			
% Current year bioturbation <u>0</u> Past bioturbation present? Yes / <u>No</u> % Hoof punch <u>35</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: <u>We are looking at the wet discharge in the Soda Lake area. The plot is dominated by Oenothera sarmentosa with Schoenoplectus americanus as the subdominant. The area is grazed by cows and hoof punch is high. This area is the only alkali area in the county.</u>			
Disturbance code / Intensity (L,M,H): <u>05/L 04/H 33/M 11/L</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: <u>1</u> (<2ft. stem ht.), <u>2</u> (2-10ft. ht.), <u>3</u> (10-20ft. ht.), <u>4</u> (>20ft. ht.)			
Desert Palm/Joshua Tree: <u>1</u> (<1.5" base diameter), <u>2</u> (1.5-6" diam.), <u>3</u> (>6" diam.)			
III. INTERPRETATION OF STAND			
Field-assessed vegetation Alliance name: <u>Oenothera sarmentosa</u>			
Field-assessed Association name (optional): <u>Oenothera sarmentosa</u>			
Adjacent Alliances/direction: <u>Hordeum maritimum</u> east <u>Frankenia salina</u> west			
Confidence in Alliance identification: L M <u>(H)</u> Explain: _____			
Phenology (E,P,L): Herb <u>P</u> Shrub _____ Tree _____ Other identification or mapping information: _____			

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SPECIES SHEET

% NonVasc cover: Total % Vasc Veg cover: 53

Herbaceous: 53

Herbaceous: 2

Height classes: 1= $\leq 1/2$ m, 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= ≥ 50 m

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%

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