

# Combined Vegetation Rapid Assessment and Relevé Field Form

(Revised March 27, 2018)

For Office Use:	Final database #:	Final vegetation type:	Alliance Association
<b>I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION</b>			circle: <u>Relevé</u> or RA
Database #: <u>SOPR2254</u>	Date: <u>6/29/21</u>	Name of recorder: <u>Lucy Ferneghough</u>	Other surveyors: <u>EW CM</u>
UID:	Location Name: <u>Soda Lake</u>		
GPS name: <u>Lucy's iPhone</u>	For Relevé only: Bearing°, left axis at ID point <u>192</u> of <u>Long / Short</u> side		
UTME _____	UTMN _____	Zone: <u>11</u> NAD83 GPS error: ft./ m./ PDOP <u>15</u>	
Decimal degrees: LAT <u>36.908551</u> LONG <u>-121.603115</u>			
GPS within stand? <input checked="" type="checkbox"/> Yes / No If No, cite from GPS to stand: distance (m) _____ bearing ° _____ inclination ° _____			
and record: Base point ID _____ Projected UTMs: UTME _____ UTMN _____			
Camera Name: <u>Lucy's cam</u> Cardinal photos at ID point:			
Other photos:			
Stand Size (acres): <1, 1-5, >5   Plot Area (m <sup>2</sup> ): <u>100</u>   Plot Dimensions <u>10</u> x <u>10</u> m   RA Radius _____ m			
Exposure, Actual °: <u>100</u> NE NW <input checked="" type="checkbox"/> SE SW Flat Variable   Steepness, Actual °: <u>3</u> 0° <input checked="" type="checkbox"/> 1-5° >5-25° >25			
Topography: Macro: top upper mid <input checked="" type="checkbox"/> lower bottom   Micro: convex <input checked="" type="checkbox"/> flat concave undulating			
Geology code: <u>MIAZ</u> Soil Texture code: <u>FISC</u>   Upland or Wetland/Riparian (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>3</u> Litter: <u>3</u> Bedrock: <u>-</u> Boulder: <u>-</u> Stone: <u>-</u> Cobble: <u>-</u> Gravel: <u>-</u> Fines: <u>94=100%</u>			
% Current year bioturbation <u>0</u> Past bioturbation present? Yes / <input checked="" type="checkbox"/> No   % Hoof punch <u>60</u>			
Fire evidence: Yes / <input checked="" type="checkbox"/> No (circle one) If yes, describe in Site history section, including date of fire, if known.			
Site history, stand age, comments: <u>We are in the alkaline flat area of Soda Lake in Garth County. The plot is on an east facing slope that descends to the shallow drainage that runs through the center of the property. While the plot is currently dry, deep hoof punches and mounds/tuffets speak to the level of moisture present here during the wet season. Due to the heavy grazing, it is difficult to distinguish the covers of the various species present. This land cape was probably more extensively wet prior to its conversion to ranch land w/ groundwater pumping. Site labelled as "Soda Lake" on maps is actually a man made tailings pond to the west of alkali flat.</u>			
Disturbance code / Intensity (L,M,H): <u>04/H 05/M 11/M</u>   _____   _____   _____   _____   "Other" _____   _____			
<b>II. HABITAT DESCRIPTION</b>			
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: <input checked="" type="checkbox"/> H1 (<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.)			
<b>III. INTERPRETATION OF STAND</b>			
Field-assessed vegetation Alliance name: <u>Juncus (oxymenis, xiphioides)</u>			
Field-assessed Association name (optional): <u>Juncus xiphioides - Paspalum distichum</u>			
Adjacent Alliances/direction: <u>Polypogon monspeliensis / East, Hesperfeldia / West.</u>			
Confidence in Alliance identification: L <input checked="" type="checkbox"/> M H Explain: <u>New association, messy stand</u>			
Phenology (E,P,L): Herb <u>P</u> Shrub _____ Tree _____ Other identification or mapping information:			

