

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: <u>Relvé</u> or RA
Database #: <u>SC02250</u>	Date: <u>6/29/21</u>	Name of recorder: <u>Emma Wrede</u>	☐ ☐ ☐
	UID:	Other surveyors: <u>CM, LF</u>	
		Location Name: <u>Soda Lake</u>	☐ ☐
GPS name: <u>Lucy</u>		For Relevé only: Bearing°, left axis at ID point <u>15</u> of <u>Long</u> / <u>Short</u> side	
UTME _____ UTMN _____		Zone: <u>11</u> NAD83 GPS error: ft./ m./ PDOP _____	☐ ☐
Decimal degrees: LAT <u>36.908374</u> LONG <u>-121.602633</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</u> Cardinal photos at ID point:			☐ ☐
Other photos:			
Stand Size (acres): <u><1, 1-5</u> >5 Plot Area (m²): <u>100</u> Plot Dimensions <u>10 x 10</u> m RA Radius _____ 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 <u>lower</u> bottom Micro: convex <u>flat</u> concave undulating			☐ ☐
Geology code: _____ Soil Texture code: <u>MFSL</u> Upland or Wetland/Riparian (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			☐ ☐
H2: <u>0</u> BA Stems: <u>2</u> Litter: <u>10</u> Bedrock: <u>0</u> Boulder: <u>0</u> Stone: <u>0</u> Cobble: <u>0</u> Gravel: <u>+</u> Fines: <u>88</u> =100%			
% Current year bioturbation <u>40</u> Past bioturbation present? <u>Yes</u> / No % Hoof punch <u>70</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>Xeric highland wetland stand</u> <u>(seasonal), grazed with high hoof punch</u> <u>and bioturbation impacts. Primary cover</u> <u>is floridan marium with Alkali weed evenly</u> <u>dispersed throughout. Graminoid spp. are</u> <u>in very late phenology.</u>			
Disturbance code / Intensity (L,M,H): <u>S M 4 M</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>floridan marium provisional</u>			
Field-assessed Association name (optional): <u>floridan marium - <i>Crataegus toxilepis</i> provisional</u>			
Adjacent Alliances/direction: <u>Sarcocolla</u> <u>1E</u> <u>Schroederia</u> <u>1W</u>			
Confidence in Alliance identification: <u>(L) (M) H</u> Explain: <u>not current alliance</u>			
Phenology (E,P,L): Herb / Shrub Tree Other identification or mapping information:			

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SPECIES SHEET

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% Cover - Conifer tree / Hardwood tree:

% NonVasc cover: 0 Total % Vasc Veg cover: 42

Height Class - Conifer tree / Hardwood tree:

Regenerating Tree:

Shrub:

Herbaceous: 53

Height Class - Conifer tree / Hardwood tree:

Regenerating Tree:

Shrub:

Herbaceous: 1

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%

Unusual species: