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 Kemeyhoegl
SCRU2 232	6/24/21	Other surveyors: EW AC
	UID:	Location Name: Pogonip

GPS name: Lucy's iphone For Relevé only: **Bearing°**, left axis at ID point 5 **of Long / Short** side

UTME ___ **UTMN** ___ **Zone: 11 NAD83** GPS error: **ft./ m./ PDOP** 15

Decimal degrees: **LAT** 36.993797 **LONG** -122.040943

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 10m | **RA Radius** ____ m

Exposure, Actual °: 155 NE NW SE SW Flat Variable | **Steepness, Actual °:** 3 0° 1-5° > 5-25° > 25

Topography: Macro: top upper mid lower bottom | **Micro:** convex flat concave undulating

Geology code: LIME **Soil Texture code:** MFCL | Upland or **Wetland/Riparian** (circle one)

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

H20: 0 **BA Stems:** 2 **Litter:** 60 **Bedrock:** 0 **Boulder:** 0 **Stone:** 0 **Cobble:** 0 **Gravel:** 0 **Fines:** 38 **=100%**

% Current year bioturbation 30 **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: We are in a large meadow dominated by exotic grasses with coyote bush encroaching into the meadow. Some native grasses have managed to persist here, with purple needle grass in the more xeric patches and California oat grass in the more mesic areas. The current plot represents one of the variations on a mesic site. It is dominated by velvet grass, but as we took a closer look, cover of CA oat grass is higher than our initial thought.

Disturbance code / Intensity (L,M,H): 05 / H 15 / L ___ / ___ ___ / ___ ___ / ___ **"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: Holcus lanatus - Anthoxanthum odoratum

Field-assessed Association name (optional): Holcus lanatus - Danthonia californica

Adjacent Alliances/direction: Baccharis / Northeast. Baccharis / Grass-Herb / South, west / North

Confidence in Alliance identification: L M H **Explain:** ____

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

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SPECIES SHEET

Database #: SCRUZ 232

IV. VEGETATION DESCRIPTION

% NonVasc cover: ____ **Total % Vasc Veg cover:** 70

% Cover - **Conifer tree / Hardwood tree:** / / **Regenerating Tree:** / **Shrub:** 1 **Herbaceous:** 70

Height Class - **Conifer tree / Hardwood tree:** / / **Regenerating Tree:** / **Shrub:** 4 **Herbaceous:** 2

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	Briza maxima.	5		
H	Hypochaeris radicata	+		
H	Danthonia californica	17		
H	Plantago lanceolata	+		
H	Holcus lanatus	38		
H	Phalaris aquatica	2		
H	Cirsium vulgare	+		
H	Linum bienne	3		
H	Cynodon dactylon.	3		
H	Avena barbata.	+		
S	Baccharis pilularis	1		
H	Lonicera hispidula.	+		
H	Bromus hordeaceus.	+		
H	Festuca bromoides.	1		
H	Festuca perennis.	+		

Unusual species: _____