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 Ferneyhough
SCRU2084	4/23/21	Other surveyors: EW
	UID:	Location Name: Randy Morgan Sandhills

GPS name: Lucy's iPhone — For Relevé only: Bearing°, left axis at ID point____ of Long / Short side

UTME ____ UTMN ____ Zone: 11 NAD83 GPS error: (ft) / m. / PDOP 15

Decimal degrees: LAT 37.057648 LONG -122.047995

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 iphone Cardinal photos at ID point:

Other photos:

Stand Size (acres): <1, (1-5), >5 | Plot Area (m²): 100 / ____ | Plot Dimensions ___ x ___ m | RA Radius 12 m

Exposure, Actual °: 99 NE NW (SE) SW Flat Variable | Steepness, Actual °: 12 0° 1-5° (>5-25°) >25

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

Geology code: SAND Soil Texture code: SAND | (Upland) or Wetland/Riparian (circle one)

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

H_20: 0 BA Stems: 2 Litter: 20 Bedrock: – Boulder: – Stone: – Cobble: – Gravel: – Fines: 78 =100%

% Current year bioturbation 0 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 the Randy Morgan Sandhills Land Trust property, on an East facing slope. The stand is characterized by a low shrub strata consisting of Sticky monkey flower and Ericameria, with a significant herb layer of sandhill California Poppy, the rare Ben Lomond wallflower and Ben Lomond spineflower. There's a fair amount of shrubby snags throughout the plot, with plenty of dead branch litter. Just down slope, in a continuation of the wallflower patch, there is no shrub cover, leaving the wall flower as the dominant cover, with Santa Cruz monkey flower (Dip. rattanii) as the under story. Stand was not larger enough to map. Stand appears to have a stable/healthy population of the wallflower, with many new seedlings amongst mature individuals!

Disturbance code / Intensity (L,M,H): 65 / 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: Diplacus aurantiacus

Field-assessed Association name (optional): Diplacus aurantiacus - Erysimum teretifolium

Adjacent Alliances/direction: Mixed hardwood/Pine N, E, S., Acmispon/Lupinus / West

Confidence in Alliance identification: L M (H) Explain: ____

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

Variable checkerspot butterfly present in plot in abundance associating with/pollinating the wallflower.

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Database #: SCRuz084 SPECIES SHEET

IV. VEGETATION DESCRIPTION

% NonVasc cover: + **Total % Vasc Veg cover:** 27

% Cover - **Conifer tree / Hardwood tree:** - / - **Regenerating Tree:** - **Shrub:** 20 **Herbaceous:** 8

Height Class - Conifer tree / Hardwood tree: - / - **Regenerating Tree:** - **Shrub:** 2 **Herbaceous:** 1

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
S	Diplacus aurantiacus	18		
S	Ericameria ericoides	2		
H	Pteridium aquilinum.	2		
H	Erysimum teretifolium	2		
H	Eschscholtzia californica	1		
H	Micropus californica.	+		
H	Clarkia sp.	+		
H	Logfia filaginoides	+		
H	Nuttallanthus texanus	+		
H	Festuca myuros.	+		
H	Bromus diandrus.	+		
H	Chorizanthe pungens var. hartwegiana	1		
H	Camissonia strigulosa	+		
H	Eriogonum nudum	+		
S	Toxicodendron diversilobum	+		
H	Crassula connata	+		
H	Senecio vulgaris	+		
S	Sambucus sp.	+		
H	Melica imperfecta	1		
S	Acmispon glaber	+		
S	Lupinus albifrons	+		

Unusual species: _____