

**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>SCR2 318</u> | Date: <u>7/6/21</u> | Name of recorder: <u>Lucy Ferryhough</u>                  | circle: Relevé or <u>(RA)</u> |
|                             |                     | Other surveyors:                                          |                               |
|                             | UID:                | Location Name: <u>Granite Rock sand mine - Southridge</u> |                               |

GPS name: Lucy's phone 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 37.070624 LONG -122.066192

GPS within stand? Yes / No If No, cite from GPS to stand: distance (m) \_\_\_\_\_ bearing ° \_\_\_\_\_ inclination ° \_\_\_\_\_

and record: Base point ID \_\_\_\_\_ Projected UTM: UTM \_\_\_\_\_ UTMN \_\_\_\_\_

Camera Name: Lucy's scan Cardinal photos at ID point:

Other photos:

Stand Size (acres): <1, (1-5), >5 | Plot Area (m²): 100 / 1000 | Plot Dimensions \_\_\_\_\_ x \_\_\_\_\_ m | RA Radius 17 m

Exposure, Actual °: 167 NE NW (SE) SW Flat Variable | Steepness, Actual °: 14 0° 1-5° (5-25) >25

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

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

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

H2O: 0 BA Stems: 1 Litter: 40 Bedrock: 0 Boulder: 0 Stone: 0 Cobble: 0 Gravel: 15 Fines: 44 =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: The plot is within an open stand of ponderosa pine sand parkland. There are patches of shrubs and trees within the herbaceous/subshrub matrix, as well as bare patches where endemic herbs can be found. The plot contains several large, old ponderosas ~2' DBH, with good recruitment just upslope. Very young pines dot the landscape into the distance towards the ridge. The understory consists of dense patches of invasive grasses, permeated by evenly distributed fronds of Pteridium. More open areas where grassed do not benefit from the shade/litter & subsequent increased water retention. Endemic native herbs are able to persist.

Disturbance code / Intensity (L,M,H): DS/H \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ "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: Pinus ponderosa sand parkland

Field-assessed Association name (optional): Pinus ponderosa - Adiantum menziesii / Pteridium aquilinum - mesquite

Adjacent Alliances/direction: Adenostoma - Ericaceae Southwest, xeric sand parkland / East

Confidence in Alliance identification: L (M) H Explain: new association

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



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SPECIES SHEET

Database #: SCRN2318

#### IV. VEGETATION DESCRIPTION

% NonVasc cover: 0 Total % Vasc Veg cover: 65

% Cover - Conifer tree / Hardwood tree:  $\frac{121}{8} \frac{7}{14}$  Regenerating Tree:  $\frac{4}{16}$  Shrub:  $\frac{5}{1}$  Herbaceous:  $\frac{60}{1}$

**Height Class** - Conifer tree / Hardwood tree: 8 / 4 Regenerating Tree: 4 Shrub: 1 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= $\geq 50$ 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%

| % Cover Intervals for reference: 1 = trace, 1+ = 1-5%, 2 = 5-10%, 3 = 10-25%, 4 = 25-50%, 5 = 50-75%, 6 = 75-90%, 7 = 90-100% |                                                   |         |   |                             |
|-------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------|---------|---|-----------------------------|
| Stratum                                                                                                                       | Species                                           | % cover | C | Final species determination |
| T/A/E                                                                                                                         | <i>Pinus ponderosa</i>                            | 2/4/+   |   |                             |
| S                                                                                                                             | <i>Lupinus albus</i>                              | 1       |   |                             |
| S                                                                                                                             | <i>Eragrostis nudum</i> var <i>decurrens</i>      | +       |   |                             |
| H                                                                                                                             | <i>Pteridium aquilinum</i>                        | 28      |   |                             |
| S                                                                                                                             | <i>Pseudognaphalium californicum</i>              | +       |   |                             |
| H                                                                                                                             | <i>Hypochaeris glabra</i>                         | +       |   |                             |
| H                                                                                                                             | <i>Estrica rugosa</i>                             | 45      |   |                             |
| H                                                                                                                             | <i>Briza maxima</i>                               | 5       |   |                             |
| H                                                                                                                             | <i>Bromus diandrus</i>                            | 14      |   |                             |
| S                                                                                                                             | <i>Acmispon glaber</i>                            | 4       |   |                             |
| H                                                                                                                             | <i>Eschscholzia californica</i>                   | +       |   | sand hills var              |
| H                                                                                                                             | <i>Chorizanthe pungens</i> var. <i>hastifolia</i> | 1       |   |                             |
| H                                                                                                                             | <i>Eragrostis tenebrosa</i>                       | +       |   |                             |
| S                                                                                                                             | <i>Archostaphylos salicifolia</i>                 | +       |   |                             |
| S                                                                                                                             | <i>Ericameria ericoides</i>                       | +       |   |                             |
| T                                                                                                                             | <i>Arbutus menziesii</i>                          | 7       |   |                             |