

Combined Vegetation Rapid Assessment and Relevé Field Form
(Revised March 27, 2018)

For Office Use:	Final database #:	Final vegetation type:	Alliance Association
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I. LOCATIONAL/ENVIRONMENTAL DESCRIPTION

Database #: <u>SCRUZ326</u>	Date: <u>7/8/21</u>	Name of recorder: <u>Lucy Farneyhough</u>	circle: Relevé or RA
UID:		Other surveyors:	
Location Name: <u>Granite Rock Sand Mine - Southridge</u>			

GPS name: Lucy's 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 37.071634 LONG -122.064664

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 cam 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 °: 349 NE NW SE SW Flat Variable | Steepness, Actual °: 36 0° 1-5° >5-25° 25

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

Geology code: Sand Soil Texture code: MELS | 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: 98 Bedrock: 0 Boulder: 0 Stone: 0 Cobble: 0 Gravel: 0 Fines: + =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: I am on the steep northfacing slope of Graniteville southridge conservation area. The stand consists of decadent brittle-leaved manzanita and snags under a mixed canopy of hardwood and evergreen trees. The plot itself is dominated by tanoak with bay, but madrone and knobcone pine are significant outside the plot. The herbaceous/subshrub layer is diverse and dominated by what looks like foothill sedge, though no inflorescences present. Slope is highly erodible, with the soil being near pure sand with a small amount of fine organic matter. Leaf litter 1-2" deep. Minimal invasive spp.

Disturbance code / Intensity (L,M,H): OSIL _____ / _____ / _____ / _____ / _____ "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: Notholithocarpus densiflorus

Field-assessed Association name (optional): _____

Adjacent Alliances/direction: Mixed Sand chaparral/North. Sand parkland/South.

Confidence in Alliance identification: L M H Explain: Mixed stand - dominant not clear

Phenology (E,P,L): Herb L Shrub P Tree P Other identification or mapping information: w/in broader landscape.

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SPECIES SHEET

Database #: SCR42326

IV. VEGETATION DESCRIPTION

% Cover - Conifer tree / Hardwood tree: 2 / 39
Height Class - Conifer tree / Hardwood tree: 5 / 5

% NonVasc cover: + Total % Vasc Veg cover: 66

Regenerating Tree: + Shrub: 12 Herbaceous: 24
Regenerating Tree: 1 Shrub: 3 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
T/E	<i>Notholithocarpus densiflorus</i>	33/+		
T	<i>Umbellularia californica</i>	13		
T/E	<i>Pseudotsuga menziesii</i>	2/+		
S	<i>Archostaphylos crustacea</i> ssp <i>crustacea</i>	1		
T/E	<i>Quercus agrifolia</i>	3/+		
S	<i>Heteromeles arbutifolia</i>	+		
H	<i>Carex</i> aff. <i>tumulicola</i>	22		no inflorescences
S	<i>Acmispon glaber</i>	+		
S	<i>Diplazis aurantiacus</i>	+		
H	<i>Hieracium albidiflorum</i>	+		
H	<i>Iris fernaldii</i>	+		
H	<i>Calochortus albus</i>	+		
H	<i>Bria maxima</i>	+		
H	<i>Pteridium aquilinum</i>	+		inflorescence dehiscent.
H	<i>Melica</i> aff <i>torreyana</i>	+		"
H	<i>Luzula</i> sp.	+		
H	<i>Monardella villosa</i> ssp <i>villosa</i>	+		
H	<i>Achillea millefolium</i>	+		
H	<i>Eriophyllum confertiflorum</i>	+		
S	<i>Symphoricarpos mollis</i>	3		
H	<i>Galium parviflorum</i>	+		
S	<i>Toxicodendron diversilobum</i>	+		
S	Snag	2		
N	Moss	+		
H	<i>Pentstemon triangularis</i>	+		