

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 #: <u>SCRUV017</u>	Date: <u>11/4/20</u>	Name of recorder: <u>Lucy Ferreyhough</u>	
		Other surveyors: <u>Emma Wheeler</u>	
	UID:	Location Name: <u>The Forest of Nisene Marks State Park.</u>	
GPS name: <u>Tukman Geospl iPad.</u>		For Relevé only: Bearing°, left axis at ID point _____ of <u>Long / Short</u> side	
UTME _____ UTMN _____		Zone: <u>11</u> NAD83 GPS error: ft./ m./ PDOP _____	
Decimal degrees: LAT <u>36.981640°</u> LONG <u>-121.905064°</u>			
GPS within stand? Yes / <u>No</u> If No, cite from GPS to stand: distance (m) <u>32yd</u> bearing° <u>31</u> inclination° <u>7</u>			
and record: Base point ID _____ Projected UTM's: UTME _____ UTMN _____			
Camera Name: <u>Lucy's phone</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>20 x 40</u> m RA Radius _____ m			
Exposure, Actual °: _____ NE NW SE SW Flat <u>Variable</u> Steepness, Actual °: _____ 0° <u>1-5°</u> >5-25° >25			
Topography: Macro: top upper mid lower <u>bottom</u> Micro: convex flat <u>concave</u> undulating			
Geology code: <u>SAND</u> Soil Texture code: <u>UNK</u> Upland or Wetland/Riparian (circle one)			
% Surface cover: (Incl. outcrops) (>60cm diam) (25-60cm) (7.5-25cm) (2mm-7.5cm) (Incl sand, mud)			
H ₂ O: <u>0</u> BA Stems: <u>2</u> Litter: <u>98</u> Bedrock: <u>0</u> Boulder: <u>0</u> Stone: <u>0</u> Cobble: <u>0</u> Gravel: <u>0</u> Fines: <u>0</u> =100%			
% Current year bioturbation <u>0</u> Past bioturbation present? Yes / <u>No</u> % Hoof punch <u>0</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>Alnus rubra stand is on SE side of Aptos Creek near the Safeway entrance of Nisene Marks. Stand is situated on a broad, flat floodplain. Across the creek, the slope is a very steep, eroding sandstone wall. Competition from exotics in the understory seems high: Rubus armeniacus and an invasive Solanum are prevalent. Willows and dogwoods grow at water's edge just outside the plot, and dogwood seedlings do occur w/in the plot. The understory is primarily ferns & blackberry. The late season and distance made it difficult to determine % cover of understory which is very dense, with minimal diff & litter visible beneath foliage. This side of park seems fairly degraded with a high level of invasive taxa.</u>			
Disturbance code / Intensity (L,M,H): <u>05 / H</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>Alnus rubra</u>			
Field-assessed Association name (optional): _____			
Adjacent Alliances/direction: <u>Scorvia sempervirens / All</u> _____			
Confidence in Alliance identification: <u>L</u> <u>M</u> <u>H</u> Explain: <u>Aln. rub. definitely dominant, but alliance not yet created?</u>			
Phenology (E,P,L): Herb <u>L</u> Shrub <u>P</u> Tree <u>P</u> Other identification or mapping information: _____			

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SPECIES SHEET

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% NonVasc cover: + Total % Vasc Veg cover: 75

Height Class - Conifer tree / Hardwood tree: 16 Regenerating Tree: 4 Shrub: 2 Herbaceous: 2

Height classes: 1= $<1/2$ 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: _____