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
SCRu2049	2/23/21	Other surveyors: EW
	UID:	Location Name: Forest of Nisene Marks State Park - Aptos Creek

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** ____

Decimal degrees: **LAT** 3 7 . 0 2 2 6 6 5 **LONG** -1 2 1 . 9 0 4 4 2 4

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:

100 - 25 π / 4

Stand Size (acres): <1, (1-5), >5 | **Plot Area (m²):** 100 / _____ | **Plot Dimensions** 10 x 25 m | **RA Radius**___ m

Exposure, Actual °: 192 NE NW SE (SW) (Flat) Variable | **Steepness, Actual °:** 2 0° (1-5°) >5-25° >25

10 x 10 - 52π

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

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

5m

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

H₂0: + **BA Stems:** 2 **Litter:** 97 **Bedrock:** — **Boulder:** — **Stone:** + **Cobble:** + **Gravel:** + **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: We are on the east bank of Aptos creek in an Alder/Maple Stand. Phenology is early so the trees have yet to leaf out. Red will is just beginning to leaf out. Herb layer is also significantly more open, as Horsetails are just beginning to emerge. See photos. Tree cover will probably be as high as 80%, w/ Herb cover being similarly dense.

5,375m² H₂0

Disturbance code / Intensity (L,M,H): 15 / L 05 / 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: Acer macrophyllum - Alnus rubra.

Field-assessed Association name (optional): _____

Adjacent Alliances/direction: Sequoia sempervirens / East/west, Alnus rubra / North /

Confidence in Alliance identification: L M (H) **Explain:** _____

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

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SPECIES SHEET

Database #: Scruz049

IV. VEGETATION DESCRIPTION

% NonVasc cover: ___ **Total % Vasc Veg cover:** 55

% Cover - **Conifer tree / Hardwood tree:** 0 / 20 **Regenerating Tree:** + **Shrub:** 15 **Herbaceous:** 25

Height Class - Conifer tree / Hardwood tree: – / 6 **Regenerating Tree:** 4 **Shrub:** 1 **Herbaceous:** 3

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	Acer macrophyllum	4		
T	Alnus rubra	16		
H	Equisetum telmateia	5		
H	Equisetum hymale	3		
H	Stellaria media	3		
H	Petasites frigida	+		
H	Woodwardia fimbriata	10		
H	Galium aparine	+		
S	Rubus ursinus	15		
H	Oxalis oregana	8		
H	Claytonia perfoliata	+		
S	Solanum sp.	+		
A	Salix laevigata	+		
H	Urtica dioica	6		
H	Nemophila parviflora	+		
H	Myosotis laxa	1		
S	Vinca major	r		
H	Polypodium sp.	r		

Unusual species: _____