

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 circle: Relevé or (RA)

Database #: SCR2018	Date: 11-10-20	Name of recorder: Camryn Curren	
		Other surveyors: BH	
	UID:	Location Name: UCSC Arboretum - Upper Arboretum	

GPS name: **Bretts Spad** 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 **37.007481** LONG **-121.806703**

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: **Bretts Spad** Cardinal photos at ID point: _____

Other photos: _____

Stand Size (acres): **<1, (1-5), >5** | Plot Area (m²): 100 / _____ | Plot Dimensions _____ x _____ m | RA Radius **20** m

Exposure, Actual °: **191** NE NW SE **(SW)** Flat Variable | Steepness, Actual °: **10°** 0° 1-5° **>5-25°** >25

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

Geology code: **Metasedimentary** Soil Texture code: **MESA** | **(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: **88%** Bedrock: **+** Boulder: **0%** Stone: **+** Cobble: **0%** Gravel: **+** Fines: **10%** =100%

% Current year bioturbation **0%** Past bioturbation present? Yes / **(No)** | % Hoof punch _____

Fire evidence: Yes **(No)** (circle one) If yes, describe in Site history section, including date of fire, if known.

Site history, stand age, comments: **Coastal live Oak stand with several old trees. Some fallen & rotting. Significant cover density of Hazelnut. Stand is within the World Center Garden at UCSC Arboretum. Trees planted since early 1980s causing little disturbance to natives. Site is located on an east facing slope to take advantage of a lesser potential to freeze. Hazelnuts within stand are of special interest as well as a few Ponderosa Pines. Further exploration of Hazelnuts on campus is in the future. Ganista**

Disturbance code / Intensity (L,M,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: **Quercus agrifolia**

Field-assessed Association name (optional): **Quercus agrifolia, Corylus cornuta, Toxicodendron diversilobum**

Adjacent Alliances/direction: **Grassland, Redwood, E. Savanna Bay, W.**

Confidence in Alliance identification: L M **(H)** Explain: **Cover is clear.**

Phenology (E,P,L): Herb **L** Shrub **L** Tree: **P** Other identification or mapping information: **Slope east of Moore Creek**

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SPECIES SHEET

% NonVasc cover: ± Total % Vasc Veg cover: 40%.

Height Class - Conifer tree / Hardwood tree: 7/6 Regenerating Tree: 2 Shrub: 3 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= ≥ 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: _____