Figure 1 Zone 5 PG&E crews repair destruction caused by falling trees along Mesa Road

The Bolinas Eucalyptus Project Inventory: Zone 5

A REPORT ON THE INVENTORY OF BOLINAS PUBLIC UTILITY DISTRICT AND ADJOINING TREES IN ZONE 5

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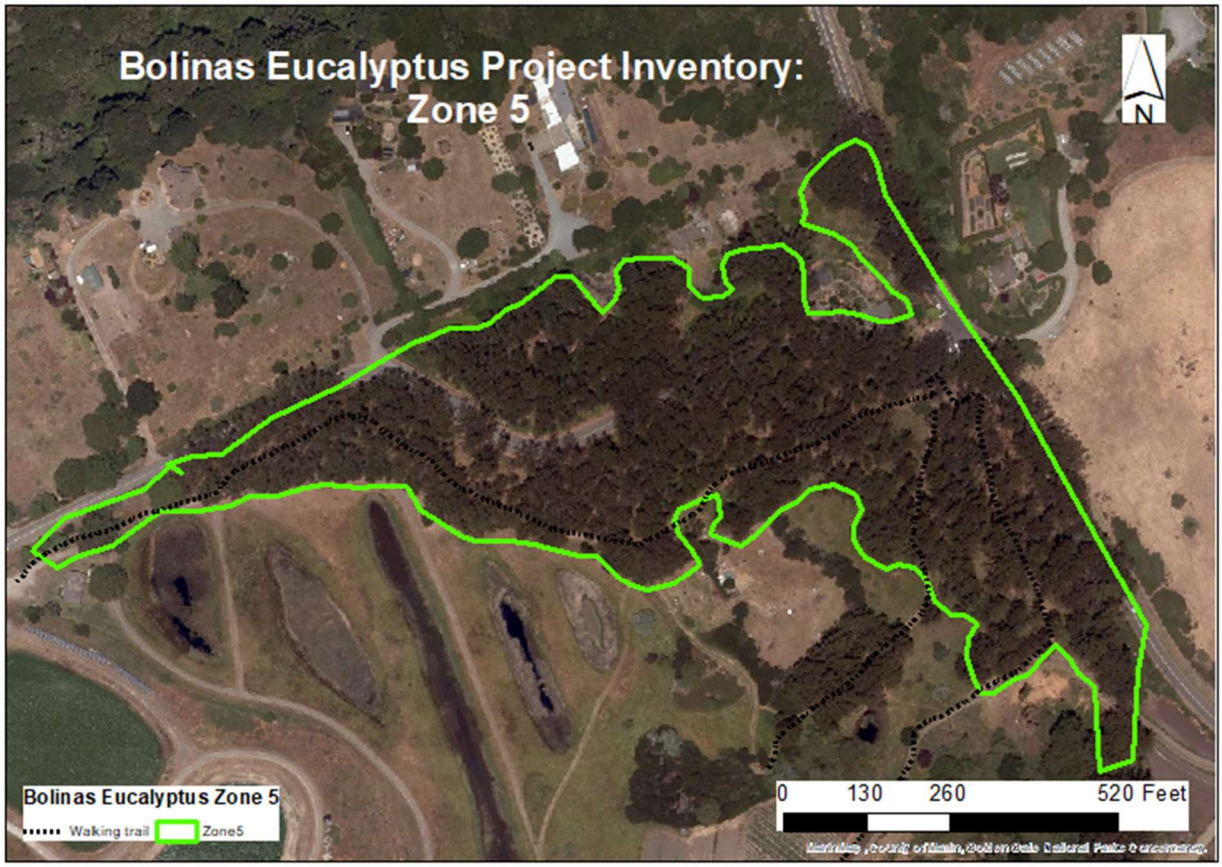

Figure 2 Zone 5 11.9 acres

1. INTRODUCTION

Iconic stands of Tasmanian blue gum (*Eucalyptus globulus*) trees have been a part of California's cultural heritage since the 1860's. They were to be the timber solution for a state about to run out of wood (Farmer, 2014). Millions of blue gums were planted throughout the Bay Area. Today Eucalyptus trees are the fading Bay Area tree giants. Stands of Eucalyptus are experiencing decline and tree mortality due to drought, winds, the maturation of over-crowded stands and disease (Dowd 2021).

The Eucalyptus trees in Bolinas are no exception. Blue gum woodlands were planted around 1900 at several locations. The stand known today as "Zone 5" at Mesa Road and Olema-Bolinas Road was most likely established as a windbreak. The trees survived and thrived. They grew rapidly and apparently also sprouted or seeded into adjoining areas that today comprise a pure 11.9 acre stand. Bolinas Public Utility District (BPUD) owns 7.6 acres and another 2.9 acres are owned by adjoining private landowners. The trees overhang the roadway on the remaining 1.4 acres. Roadside trees were topped when quite young and they responded by sprouting vigorously. Those same trees were topped again during the 1960's. Today Eucalyptus trees

have grown up to 170 feet tall and many are over 60" in diameter at breast height. In 2011 BPUD, cognizant of increasing risks of wildfire and need for safer emergency ingress/egress, thinned and reduced the grove's woody fuels. This was done by removing the thicket of smaller trees, the understory shed bark, fallen branches, climbing ivy vines, accumulated leaf litter and decomposing wood on the forest floor of its portion of the stand (south of Mesa Road). Meanwhile many backyard Eucalypts on the northern 3 residential parcels have been pruned, thinned or removed, while others are in a wild condition untended for a century by the landowners and residents.

More recently the Bolinas Eucalyptus Project has been calling for the removal of the hazardous trees. The call for removal has become more urgent following the 2023 January chain of atmospheric river events which, over the course of a few days, blew down 24 large trees measuring up to 63" in diameter. Luckily nobody was killed although 2 persons were severely injured in their vehicle when it was crushed by a falling tree. Several vulnerable homes are located nearby and when blue gums blow down, the results can be catastrophic. Another cause for concern is that the popular public walking trails through Zone 5 place users at risk from falling debris.

Recent blow down has apparently also enlarged wind corridors increasing the likelihood of ongoing windthrow. The large old trees are falling, so the call has come from many members of the community to remove the Zone 5 Eucalypts and embark upon a native forest habitat restoration project.

Tree work is extremely expensive and environmental constraints in the coastal zone are many. It makes sense to physically quantify any large vegetation management project as part of the planning process. When the BEP contacted Tom Gaman, a Registered Professional Forester who lives nearby, he recommended, with approval of resident and BEP leader Jon Cozzi, a 100% tree inventory project. Gaman designed an inventory which includes detailed maps, and a count of all trees so the community knows exactly what is there, and where. This report is the analysis of measurement of all the trees. It includes assessment of stand condition, "target" hazards of falling branches on trails, roads and buildings, Monarch observances, analysis of 2023 blowdown, estimation of surface fuels, a calculated figure of total cubic foot volume, biomass with carbon equivalents, online ground and aerial imagery, the base field data, and other information.

2. ZONE 5 LOCATION

The village of Bolinas includes several Eucalyptus stands. The largest is known as Zone 5, an 11.9 acre stand, surrounding the intersection of the Olema-Bolinas Road and Mesa Road and extending along both roads. All residential, commercial and tourist traffic coming and going passes through this intersection, a 3-way stop.

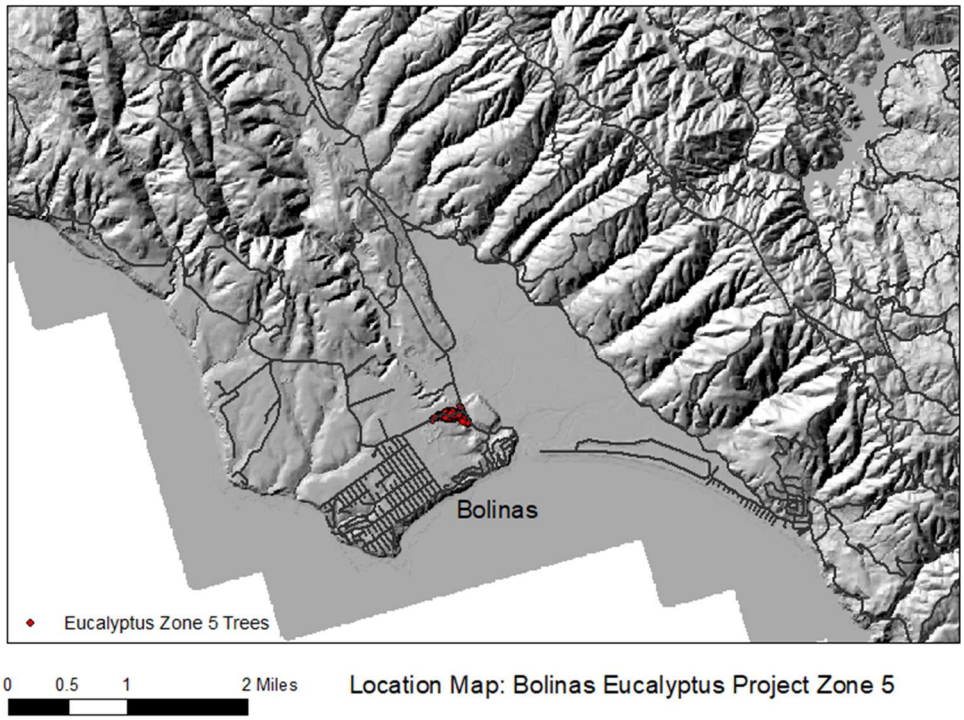

Figure 3 Zone 5 Location Map

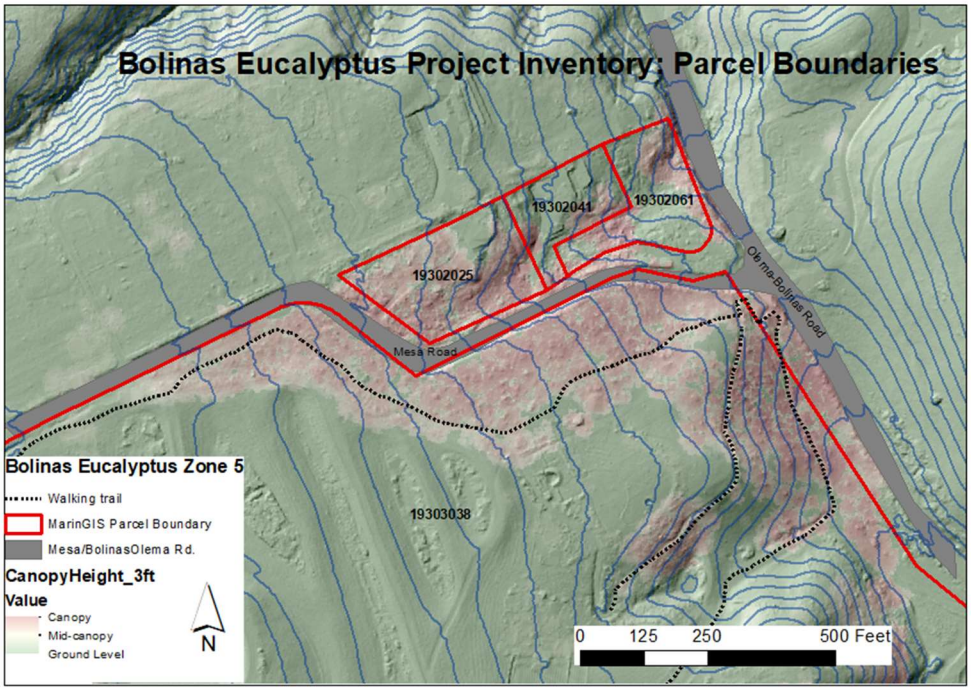

Figure 4 Zone 5 Marin Parcels. The 3 smaller parcels are privately owned, and the large southern parcel belongs to the Bolinas Public Utility District

3. METHODS

This 100% georeferenced inventory of the grove provides necessary baseline planning information. The forester designed the inventory to include measurements and a GPS waypoint for every tree in 20+" diameter-at breast height" (dbh) classes and to provide sufficient georeferencing. Diameter of each of the smaller trees surrounding each 20+ inch larger measure tree, when present, was estimated and the total number of smaller co-located trees was also recorded at each location. Smaller trees were assigned randomized coordinates on a 10x10 meter grid surrounding the applicable nearest larger measure tree so location of each could be approximated and mapped with reasonable accuracy.

Round aluminum 16d nails were used to attach aluminum numbered tags near the base of each measure tree. Prior to field work, each tag and nail was lightly sprayed with brown paint at the office so that tags would blend in well and trail users would not notice them. Each tree was assigned a tag numbered from 00 to 99, and the GPS assigned waypoints of the same number prefixed with a single letter (A through N) to avoid possible confusion of duplicated tree tags. The waypoints were collected using a Garmin Csx60 GPS that, under ideal conditions, is capable of 3- to 5-meter accuracy.

In the field the forester measured each 20"+ diameter class tree with a steel diameter tape and/or a Biltmore stick (which triangulates diameter). The forester used a survey grade Impulse 200 laser with a built-in clinometer to measure a subset of tree heights throughout the grove and estimated the others so that height was recorded for 100% of the measure trees. With a few minor exceptions each tree with 19.5" or greater diameter (20"+ class) is tagged near its base with an aluminum numbered tag. The diameter, height, canopy width, live crown ratio (crown status), condition, position, rot defect, Monarch observations, and potential local hazard target was recorded for each of these "measure" trees. All data variables are listed below:

Table 1: Measure Trees >=19.5 at breast height (20"+ diameter classes)

For measure trees (20+ inches diameter classes) the following data were recorded:
Grove name
Date
Tree Tag #
Waypoint ID
Tree Species
Stems (of measure tree plus surrounding dbh only count trees)
DBH1 (in)
Height (ft)
% Defect
Crown Diameter (ft)
Position
Condition
Tree Photo
Branch/Bole Structure
Target hazard
Live Crown Ratio
Photo Series Fuels (tag 10x)
Butterfly Use observation
Notes

It is also important to have an accurate count of the smaller trees but detailed data is not as important. Therefore the smaller trees, as explained above, were counted and attributed with estimated diameter and approximate location.

Table 2 Trees <20" diameter at breast height

For smaller "satellite" trees diameter only was estimated for each tree up to a maximum of 7 trees (including the measure tree (DBH1).
Species
DBH2
DBH3
DBH4
DBH5
DBH6
DBH7
Instrument Longitude
Instrument Latitude

The tabular data items were collected using the smart phone app "GISCloud". At the end of each field day data were downloaded and imported to Excel and into ArcGIS 10.8.4. The forester also randomly photographed approximately half of the trees measured and GISCloud attached the photo to the applicable tree data set. The individual photographs with accompanying tree numbers are included in the Excel file named "Bolinas_Zone5_photo_report.xlsx" available as an 80 Megabyte download[1].

Given the thousands of data items the GISCloud app served as an excellent tool with which to keep data collection organized and efficient.

MAPPING

Standard GIS mapping tool ArcGIS served to georeference and map all of the Zone 5 trees. Standard topographic contours, LIDAR "Hillshade" raster data, vector data for roads, and NRCS "NAIP Imagery" provide locational context for the maps. In the office the technician digitized the local roadway using the Hillshade model as a base map[2]. Given the dense stand of trees it turned out that the Garmin GPS and the Android smart phone GPS did not in many cases provide the exact location of trees. For example, many roadside trees appeared in the middle of the road. The maps show adjusted locations for many roadside trees to improve mapping accuracy. Within the stand some trees may be mapped outside of the 3-5 meter locational tolerance that the Garmin device had estimated in the field.

BLOWDOWN

During January 2023 severe rainfall and windy weather struck the Northern California coast in the form of a string of 9 "atmospheric river" storms. Over several nights 24 trees in the stand blew down. All trees in the blowdown area were measured after the storm when they were already on the ground. As such, post-storm blow down inventory and standing tree inventory are independent of each other and reported separately here. Please refer to the blowdown section below under "Results".

[1] Photos, Excel files, aerial video, and maps located for public access at https://drive.google.com/drive/folders/1CV_BGTtmhURdHhsIrPEJJqJ9wqpd7PXe?usp=sharing

[2] See https://gisopendata.marincounty.org/

4. RESULTS

THE TREES

The grove at Zone 5 is one of many stands of Tasmanian blue gum (Eucalyptus globulus) in the Bolinas area. Based on a ring count of one roadside tree that fell in January 2023, this grove of Eucalyptus was planted around 1900. Untended trees within the grove soon spread and developed to dominate 11.9 acres in 2 age groups, "roadside "and "sprouts". Trees within the grove are largely untended except that some understory fuels and trees up to 8" in diameter were in 2011 thinned from the BPUD parcel to reduce fire hazard, resulting in the clean, open and parklike understory ground cover that is mowed each year and still exists there. Electric and phone wires are strung on poles running along Mesa Road and Olema-Bolinas Road. The trees themselves have long been in competition with each other for sunlight, moisture, and nutrients. The recent drought has also affected the stand. Throughout the stand dead branches are scattered within the crowns of all but those trees (27% of total) assessed as in "Good" condition. In some areas, particularly on the private parcels, English ivy (*Hedera helix*) and Cape ivy (*Delairea odorata*) are covering the ground and clinging to the trees. A few coast live oaks (*Quercus agrifolia)* and even two understory Douglas-fir (*Pseudotsuga menziesii)* trees have survived in less-shaded areas, but the ground understory does not support any other significant native vegetation.

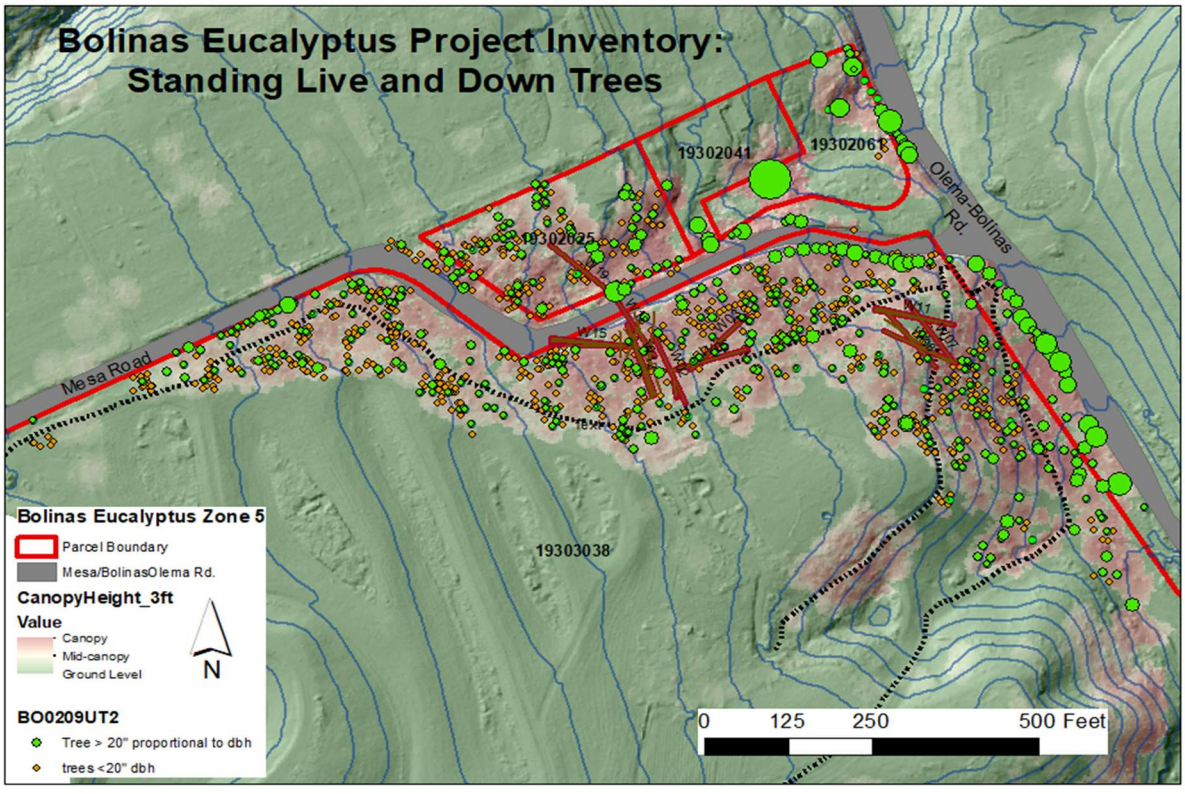

Figure 5 1139 trees. 11.9 acres. The size of each green dot represents relative tree diameter

GPS TREE LOCATION

As noted above the GPS files identified only the approximate locations of each tree. Trees obviously in the incorrect locations, and streetside trees, were checked in the field and, where inadequate, the map locations were manually adjusted accordingly. On-site aluminum tags can be used to confirm tree identity in the field.

THE INVENTORY

Measure trees. Four hundred thirteen (413) live trees over 19.5" dbh were measured and GPS locations were recorded in the field. Detailed data items described above were recorded for each tree. The raw data are included in a file named "linkfile022323.xlsx" and this file is reproduced here in Appendix 5.

Tree Species. Of the large trees measured 399 (95.7%) were blue gum (*E. globulus*), the largest of which is a 140" Eucalyptus (which splits into 4 stems) near a house on the north side of Mesa Road. There were 12 Monterey cypress (*Cupressus macrocarpa*) and 6 Monterey pine (*Pinus radiata*), all of which are located at perimeter of the grove. A very small number of coast live oaks and Douglas-fir are also present at the edges of Zone 5 but none met the threshold for measurement.

Stems by Diameter. Tree diameters were measured to the nearest inch of diameter at breast height (4.5 feet off the ground on the uphill side of the tree) and assigned to diameter classes. For instance, a 19.6" tree is included within the 20" diameter class. There are 413 "Measure"

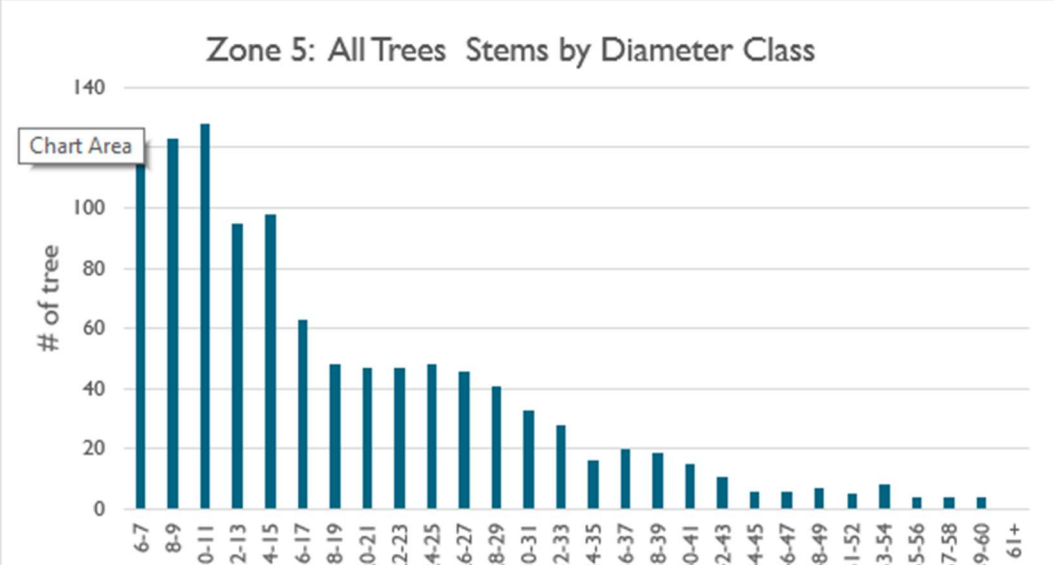

Figure 6 Number of Trees by Diameter Class

trees in the 20" and above diameter classes in Zone 5 and 1139 trees including all trees 6" and larger. Figure 6 shows the number of trees in each 2-inch diameter class grouping.

Height (Ht). Individual "measure" trees were each assigned a measured or estimated height. Smaller trees were assigned heights in the office using a regression equation. Mature tree heights generally varied from 120' tall to 170' or more on better sites. Height competition is intense. Many of the smaller trees are almost equal in height to their more robust neighbors. Of the 413 large trees measured the average height was 132'.

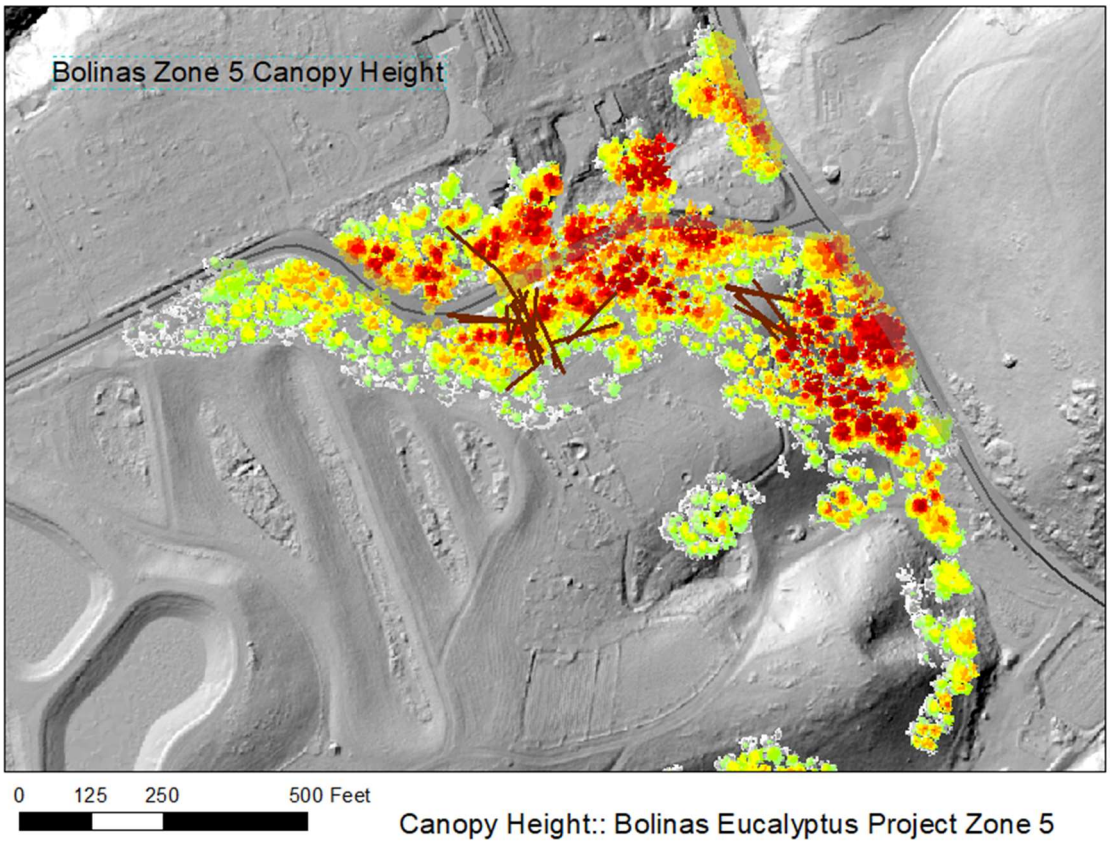

Figure 7 Canopy height: Low to Tall Trees in white, green, yellow, orange and red respectively.

Crown Diameter. Crown width varied dramatically. Open grown trees and dominant trees without significant competition from neighbors had crowns spreading 40 to 60 feet or more. The many tall but smaller-in-diameter trees that are in crown competition with neighbors, and have endured prolonged drought, commonly had live crowns as low as 5 to 10 feet in diameter. The average crown width was 26 feet per ocular estimation of 413 "measure" crowns.

Live Crown Ratio. Live Crown ratio is the percentage of the total tree height which supports green live branching. The value is commonly used in assessing forest health and in modeling predicted future forest conditions. In natural stands in the Sierra and Coast ranges of California healthy trees normally exhibit a live crown ratio of 40% or more. In this stand the average live crown ratio is 24% reflecting intense competition among unhealthy tree crowns struggling for access to sunlight. Dead branches are interspersed with live branching.

Figure 8 Typical view of Zone 5 sparse Eucalyptus crown looking upwards

To further investigate the canopy and crown condition of the trees aerial drone imagery (flown March 1, 2023) vertical aerial photography and video demonstrates the crowded condition, branch mortality, and sparse foliage of the trees. The high-resolution photos and video are viewable online at the link in the footnote on page 7. Note the crowded stem density, sparse crowns and dead branches.

Canopy Closure. An important metric in forest stand assessment is canopy closure. This inventory does include a crown diameter estimate for each large measure tree. When all the trees' crown areas are compiled the large ("measure") tree canopy closure on the 11.9 acres is 55%. Placing a grid over Zone 5 and counting squares reveals a canopy density of 90%. The crowns are mostly non overlapping so this measurement indicates that 700+ trees less than 19.5" in diameter collectively share 35% of the crown space. As such the available canopy area represents insufficient crown availability for the codominant trees in the lower diameter classes. Throughout the inventory it was clear that most such smaller tree crowns are very sparse and most of those trees are severely stressed as a result.

Figure 9 Looking west toward sparse tree tops and crowded canopies at Zone 5. Aerial imagery March 3, 2023.

Position. Each tree is evaluated as to its status relative to neighboring trees. Classifications are Open-grown, Dominant, CoDominant, Intermediate, and Suppressed as defined in the Forest Inventory and Analysis Field Handbook (Appendix 3, USFS 2021); 86% of trees were Dominant or Codominant[3]

Row Labels	Count of Position
1 Dominant	171
2. Codominant	184
3. Intermediate	48
4. Suppressed	5
5. n/a (broken)	5
Grand Total	**413**

Structure and Defect. Tree structure was also recorded for "measure" trees. Options were "None", "Previously topped", "Falling Branches" and "Shedding Bark" and combinations of these classifications. Fifty-six (56) trees, mostly roadside trees, had clearly been previously topped wherein the top of tree was removed and the live tree had responded by sprouting multiple tops, often leaving a structural wound vulnerable to wind throw, moisture accumulation and subsequent rot or breakage at a weak point. One hundred ninety-six trees had "Falling Branches" which means that there were "top heavy" or fully dead branches in the crown that can unpredictably fail even in calm weather. Nineteen trees had "Shedding Bark"

[3] See Appendix 2 US Forest Service 2021 FIA Manual

which could add to the fuel bed and fire hazard, and 156 trees had no structural issues. Many trees had "defect" which means that there are areas where rotten wood or another irregularity is evident. Defect is the percentage of visible wood volume in the stem of the tree suspected to include rotten areas often at risk of breakage that also would not be suitable for carbon storage or forest products. Most trees in the grove are defect free but some exhibited rotten bole or other areas of rot. Overall defect averaged 3.3% by volume. The internal effects of visible structural defects are classically illustrated by Alex Shigo (Shigo 1983) who spent his career investigating rot and woody defect in many species.

Condition. The forester used his experience and judgement to classify each measure tree according to its overall vigor into 3 groups: Good, Fair or Poor. Both "Fair" and "Poor" classifications outnumbered the "Good". The reason for this is that these mature trees were never thinned and lived long lives in intense competition with one another for light, water and nutrients, and the condition of most reflects those life-long struggles. Also Dowd (2021) reports that Matteo Garbelotto, UC Berkeley Forest Pathologist, found two fungi, *Diaporthe foeniculina* and *Dothiorella viticola,* that seem to be ubiquitous in these trees, and may be negatively impacting Eucalyptus stands here. Voracious leaf chewing Australian tortoise beetles (Family *Chrysomelidae*) are also known to consume vast quantities of tree leaves in this stand of trees (Cozzi, 2023). With only 27% of trees in the "Good" condition group this begs the question of whether it is possible to sustain this fragile overstocked woodland much longer. Thinning is not the answer to improve health as this stand is highly exposed and vulnerable to severe and increasing wind disturbances.

Tree Condition

Classification	Count of Condition	% of total
Good	112	27.1%
Fair	177	42.7%
Poor	124	30.0%

Number of trees and basal area. There are 413 measure trees, and another 726 smaller trees growing among the larger measure trees. The diameter distribution is shown on Figure 6 above. Basal area is a commonly used forestry metric that describes stand stocking measured as the total combined area of stems at 4.5' above the ground. For instance, a forest with 400 6" dbh trees per acre has the same basal area (sigma pi*radius squared; 78.5 sq. ft./acre in this example) as a stand with 100 12" dbh trees. When added together the trees at Zone 5 account for a basal area of 288 square feet of live growing stem per acre and represent an extremely densely stocked hardwood stand of trees. By comparison using the example above, a well-stocked coast live oak stand has about 80 to 100 square feet of basal area. This means that this area, a native coast live oak woodland, is now supporting about 3 times the woody basal

area of its native condition, and the trees themselves are double the height of the natives, resulting in perhaps as much as 6 times the native biomass stocking by volume.

Biomass and Carbon. Trees in the inventory ranged from 6 inches to 140 inches in diameter at breast height. The overall average diameter is 19.4 inches for 1139 trees. Pillsbury et al. (1989) produced the volume equations for central California coastal Eucalyptus that became the basis for volume calculations. A portion of the Pillsbury report is replicated with tree tables and notes below:

TABLE 2. Blue gum eucalyptus volume table for California's central coast

	Total height in feet:														
DBH	**30**	**40**	**50**	**60**	**70**	**80**	**90**	**100**	**110**	**120**	**130**	**140**	**150**	**160**	**170**
inches	..... *cubic feet*														
4	1	1	2	2	3	3	3	4	4	5					
6	2	3	4	5	6	6	7	8	9	10					
8	4	5	6	8	10	11	13	14	16	18	19				
10	6	8	10	12	14	17	19	22	24	27	29	32			
12		11	14	17	20	24	27	30	34	37	41	45	48	52	
14		14	18	23	27	31	36	41	45	50	55	59	64	69	74
16		18	24	29	35	40	46	52	58	64	70	76	82	89	95
18			30	36	43	50	58	65	72	80	87	95	103	111	118
20			36	44	53	61	70	79	88	97	106	116	125	135	144
22			43	53	63	73	84	94	105	116	127	138	150	161	172
24				62	74	86	99	111	124	137	150	163	176	189	203
26				72	86	100	114	129	144	159	174	189	204	220	236
28					99	115	131	148	165	182	200	217	235	253	271
30					112	131	150	169	188	207	227	247	267	287	308
32					127	148	169	190	212	234	256	279	301	324	347
34					142	165	189	213	237	262	287	312	337	363	389
36					158	184	210	237	264	291	319	347	375	404	433
38						203	233	262	292	322	353	384	415	447	479
40						224	256	289	321	355	389	423	457	492	527

NOTES: The equation for this table is: Volume (cubic feet) = 0.0015658 x DBH (in)^1.86903 x Tot Ht (ft)^1.13556.
Data shown are gross cubic foot volumes (outside bark) to a 2-inch top.

Figure 10 From Pillsbury et al. 1989

Heights were not recorded for trees <19.6" dbh. Using Excel the technician calculated the height for each of those trees via linear regression, then used the volume equation for English values (above) to calculate the cubic foot volume (Vol) for each Eucalyptus tree. Altogether, this process accounts for 163,852 net cubic feet of above-ground wood including bark but not branches. At the generally accepted cordwood volume denominator (85 solid cubic feet per cord, not including the airspace in a 128 cubic-foot cord of stacked firewood) the stand contains 1,927 cords of wood.

Tejedor calculated the specific gravity of *Eucalyptus globulus* at 571 kg per metric ton. Volume and carbon were calculated for the Eucalyptus trees only. The biomass of the Zone 5 Eucalyptus trees calculates to be 2,415 metric tons of which 79% is in the large trees. Three hundred ten (310) Eucalyptus "measure" trees, averaging 31" dbh and totaling 1391 metric tons above ground biomass, are located south of Mesa Road on BPUD property. Eighty-One (81) trees averaging 38" dbh, with 522 tons of biomass, are on north side private parcels. There are many

trees among both groups likely located within the county road right of way. Biomass metric tons and carbon dioxide equivalents for above ground Eucalyptus are provided in the table below.

Table 3 Eucalyptus Biomass and Carbon Dioxide Equivalents

Bolinas Zone 5 Eucalyptus Only		
Area	**Biomass metric dry tons above ground**	**CO2 Equivalent metric tons**
South of Mesa Road 20"+ measure trees	1,391	2,548
North of Mesa Road 20"+ measure trees	522	956
Grand Total for all Zone 5 Eucalyptus Trees down to 6" dbh	2,415	4,424

Target Hazards. The grove is located at a sensitive area along main roads, near houses, and in an area with popular recreational trails. Tree failures have been dramatic. I assessed the immediate area around each tree for "local target" in the event of failure of branches or breakage of the upper stem. All measure trees were assessed plus 4 individuals that became place markers for smaller trees, which were not assessed for target hazards. Targets further than about 50 feet from each tree were not considered unless tree condition is poor and the tree is leaning in the particular direction of a clear "target". Overall almost 69% of trees had some local target in the immediate vicinity. Fifty-nine percent of the trees could potentially impact a road or trail.

Row Labels	**Count of "Local Target" hazard**	**% of total**
0. None	131	31.4%
1. Road	126	30.2%
2. Trail	120	28.8%
3. Building	40	9.6%

When great weather disturbances happen and Eucalyptus trees fail in the spectacular manner of the trees in this stand, and entire 150' tall trees and enormous branches collapse without warning, these numbers are not applicable. In such cases every tree is clearly a hazard tree. It

is quite impossible to predict what will happen next, but it is at the same time very clear that this stand of trees at the gateway to Bolinas and Point Reyes National Seashore creates extraordinarily threatening roadside conditions.

Forest Fuels. Eucalypts are known for dropping branches that establish understory fuels and for creating fuel ladders simply by shedding bark, and for their highly combustible fragrant oils in the bark and leaves. The 1991 Oakland fire storm was unstoppable, partially due to blue gums burning out of control. Forest fuels accumulate in the understory and on the ground and, in times of drought when dry autumn winds reduce moisture content of the vegetation to very low levels, Eucalyptus stands pose a serious threat to nearby communities.

As part of the inventory the forester assessed woody forest fuels under most of the measure trees. The quick assessment was completed with the aid of the Wright and Vihnanek photo series which measured the woody ground fuels and classified them for field comparison with a photo series which includes photos of East Bay Eucalyptus stands classified from Low (1) up to High (7) categories.

Forest Ground Woody Fuels

Row Labels	Count of Woody Fuels	Tons per Acre per Wright and Vihanaek
1. EBE1	23	5.27
2. EBE2	91	8.23
3. EBE3	111	9.79
4. EBE4	83	13.43
5. EBE5	33	16.35
6. EBE6	22	13.91
7. HiF03 (estimated)	16	20

In an ideal world where the fuels reported by Wright and Vihnanek correspond perfectly with the conditions viewed in Zone 5 at Bolinas, the forest floor at present would be supporting 11 tons of woody debris per acre, but of course this is just an estimate. The fact remains, however, that the woody fuels on the forest floor vary dramatically over the area encompassed by Zone 5 as shown in the map below. Cognizant of the fire hazard, BPUD did some work in the grove in 2011 and the understory fuels were thinned out. Each year BPUD mows the area under the trees to maintain understory fuels at levels as low as possible. The map below shows the accumulation of fuels to be widely distributed (from low to high) throughout the grove.

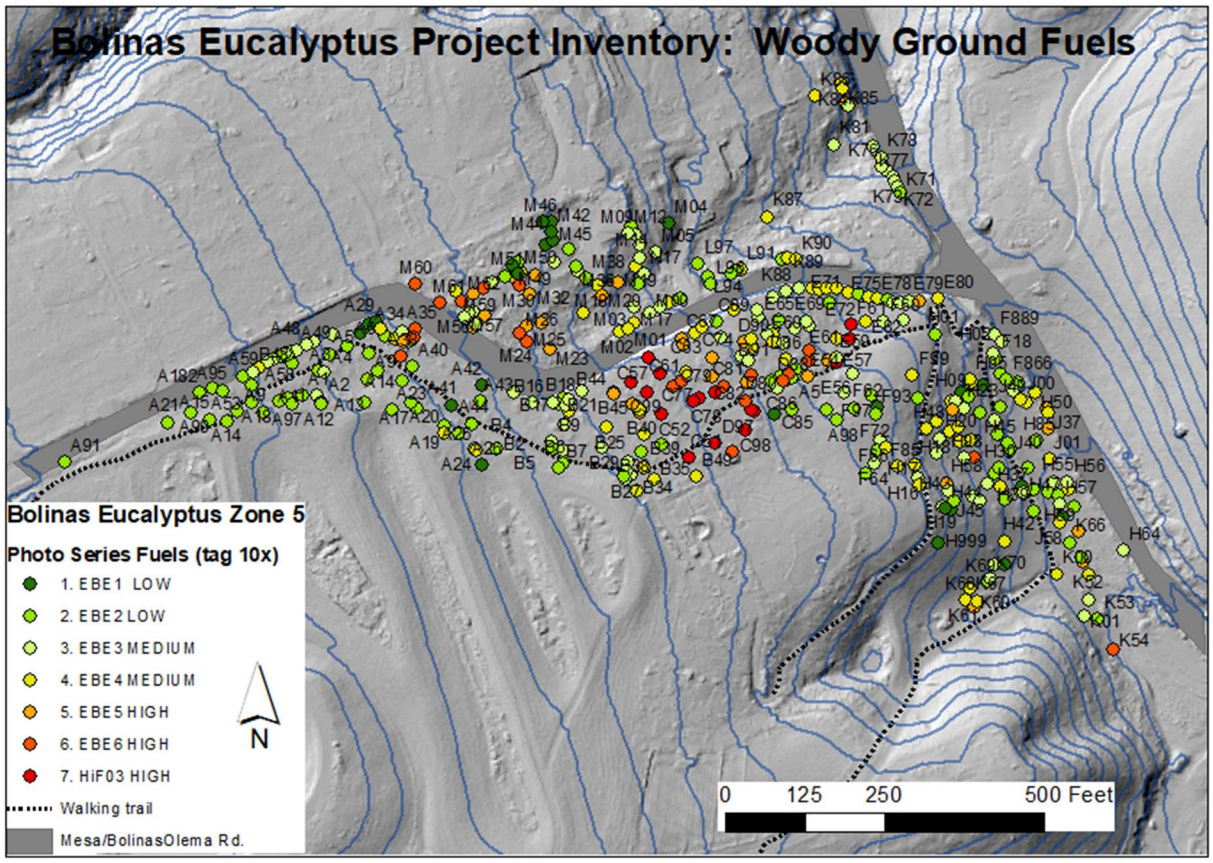

Figure 11 Woody Ground fuels (Low in green and High in red)

WINDFALL AND BLOWDOWN TREES, ROOT STRUCTURE

During the January 2023 storm series 24 trees within the grove blew down over several nights. These trees were 14" to 63" in diameter and each had been over 100' tall. Half of the blown down trees were over 20" in diameter and 5 of them were 30" and larger. Several smaller but tall trees were hit by falling trees. They broke and they fell. A small number of other trees are "leaners", supported by their neighbors, and they could fall at any time. Aside from the damage to the stand of trees the impacts of the storm included major injuries to 2 persons in a passing vehicle. The forester reviewed the damage to the stand and measured each fallen tree's diameter, GPS location and direction of fall. Most windfall trees were lying on the ground with azimuth of west to northwest. The exceptions were the very large 63" blue gum that fell across the road, and collateral damage of fallen trees struck by adjacent blown down trees. The elimination of 24 trees created new gaps in the canopy which render residual trees increasingly vulnerable to ongoing blow down. Though most trees that fall are blown down by the south or northerly winds during saturated soils conditions, it does not seem possible to predict which trees will fall next, or in which direction.

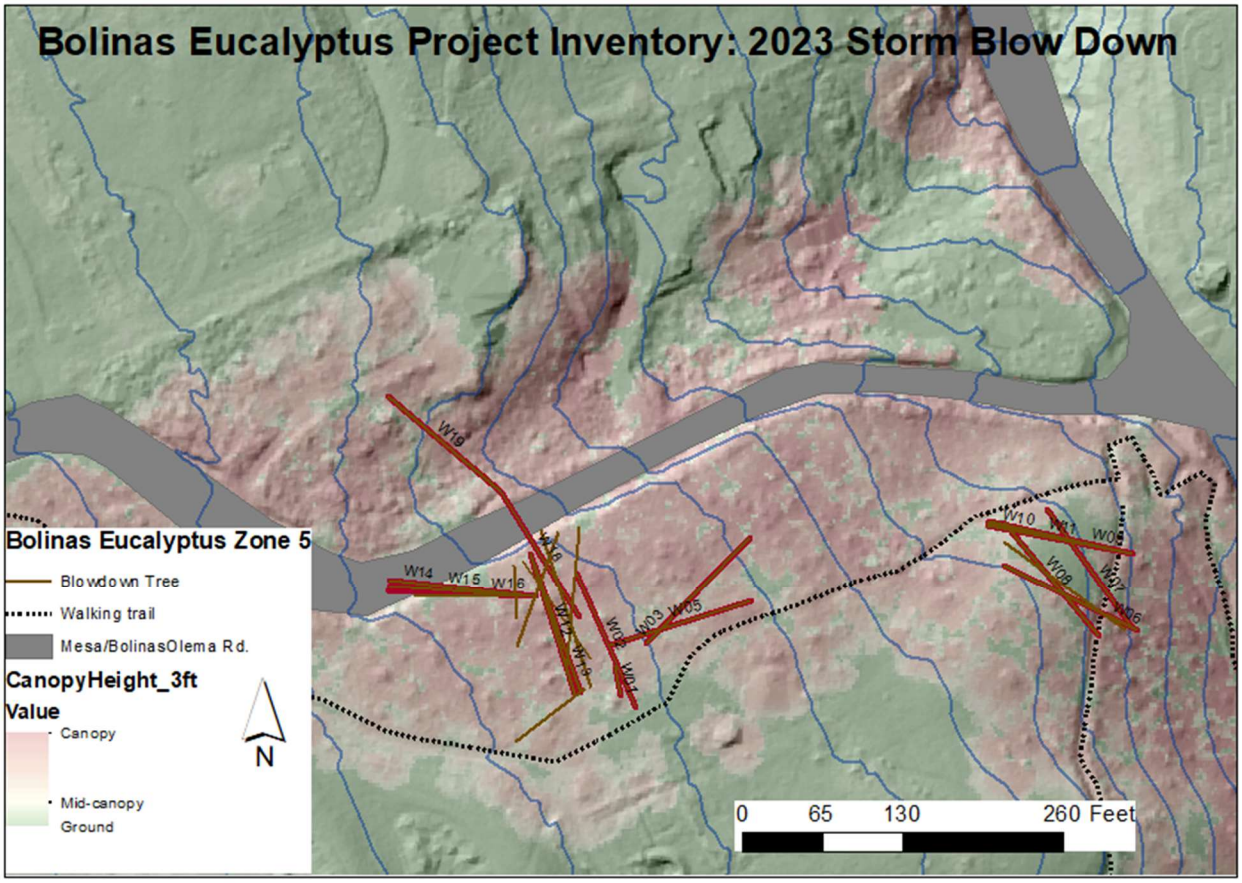

Figure 12 Trees blown down in the January 2023 winds

Figure 13 Some January 2023 wind thrown blown down trees

On March 3, 2023, a month after the January storms another tree, nearby the 63" tree that had fallen earlier, failed during calm clear conditions. Its collapse caused 2 of its neighboring trees also to fall. Those trees and large broken branches descended onto Mesa Road, destroying a power pole and wires, extinguishing electricity service to the local area for some time. PG&E

crews worked day and night (Figure 1). Fortunately, no vehicles were traveling the road as the trees fell. Others were not so lucky. On March 22 falling trees killed 3 persons in separate Bay Area incidents during a “bomb cyclone” event.

Figure 14 Two large trees fell across Mesa Road on March 3, 2023

The photo below shows the ground saturation that occurred shortly after a tree along Mesa Road blew down. The root balls had been consistently anchored each with a large number of 1-2” diameter roots. In Figure 15 the water table had risen to the point that the large tree structure was not supportable given the wet soil conditions, but earlier in the same week, other trees had blown down without a high level of root ball saturation. The trees at Zone 5 today are up to 3 times the height of the native oak woodland trees that most likely occupied the site in pre-European times. This suggests that the soils in the area have not evolved with large, and tall trees that are vulnerable to the high gusts of southerly winds characteristic of Pacific coastal winter storms.

Figure 15 Root ball alongside Mesa Road

MONARCH BUTTERFLY USE

The Monarch butterfly migration occurred during the period of the inventory project and this is a phenomenon of great interest. The forester, accompanied by local butterfly experts, on a single occasion observed four blue gum trees being used by butterflies for roosting or daytime activities. Three of those trees were at the edge of the grove with sunny south-facing exposure, during calm temperate conditions which evidently created a suitable microclimate on that late-autumn day. Campbell (2022) cites many native and non-native host tree species each that "provides a dense and mature canopy". Over time, use of the Zone 5 stand represents 1.45% of Bolinas Thanksgiving Count Monarch observations over the last 25 years (Xerces, 2023). New Year's counts conducted from 2018 to 2023 have likewise only produced 22 Monarchs over the 7-year period, or an average of 3 butterflies a year. Given the sparse and deteriorating canopy conditions of this stand, the fact that no Monarch use has been reported at the site for 14 of the past 22 years, and supposing that the Monarchs have been utilizing coastal woodland habitats for many thousands of years, the evidence suggests that a native woodland restoration project could be developed that would enhance future Monarch habitat here.

Monarch butterfly populations and ecology will be covered in detail by the forthcoming WRA biological report.

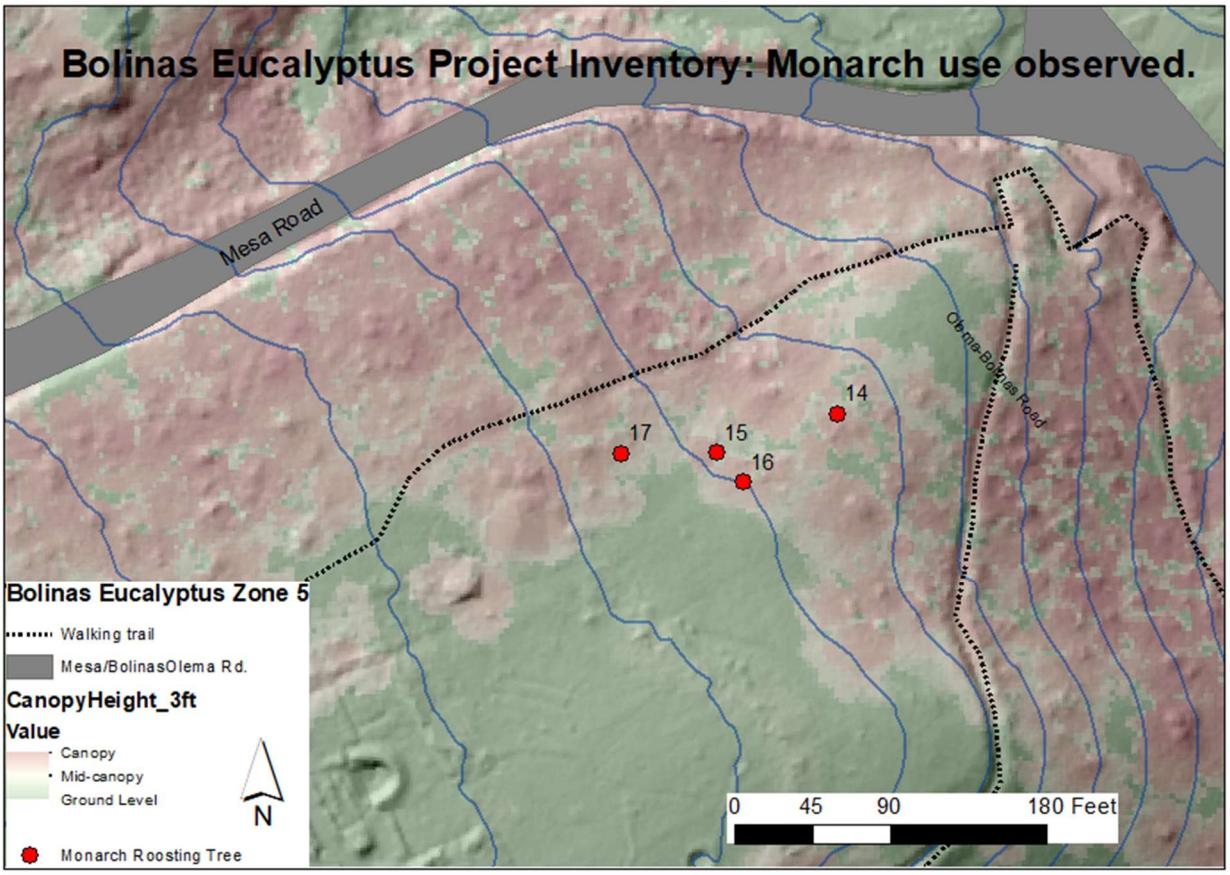

Figure 16 Monarch use observed December 2022

Figure 17 Vines of English ivy and Cape ivy climbing trees on a private parcel

There is extensive vine cover of English ivy and Cape Ivy spreading mostly on the northerly parcels. Suffice it to say that the allelopathic nature of Eucalyptus stands effectively eliminates native flora and instead results in fire- and windthrow-prone monocultures that attract hardy invasives such as broom, English Ivy, cape Ivy, and Acacias. Such conditions are common around the Bay Area and they and create artificial exotic vegetative conditions that beg for the restoration of oak woodland biodiversity that support nectar plants, and the broad array of native flora and fauna.

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6. APPENDICES

Appendix 1. Digital TREE PHOTO REPORT linkfile021023_photo_report.xlsx Photos, Excel files, and maps located for public access at https://1drv.ms/u/s!AihFbfICwtAwgahAx7p5-r4ESYk2VA?e=ljZl91

Appendix 2. High Resolution MAPS (see below)

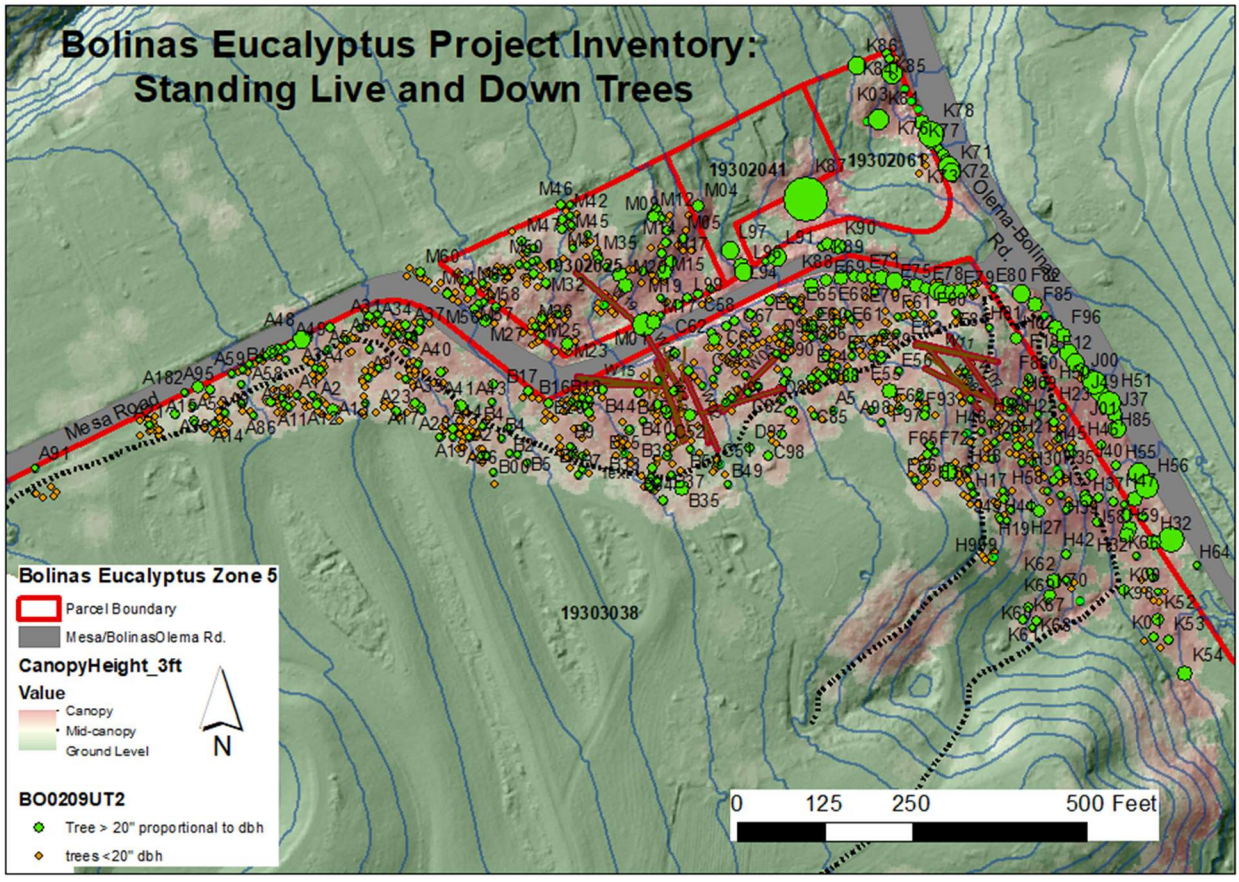

Figure 18 This is Figure 5 with tree numbers included

High Resolution Maps 1 to 3. Please note that these slightly adjusted GPS positions are per Garmin CSX60 capabilities under dense canopy.

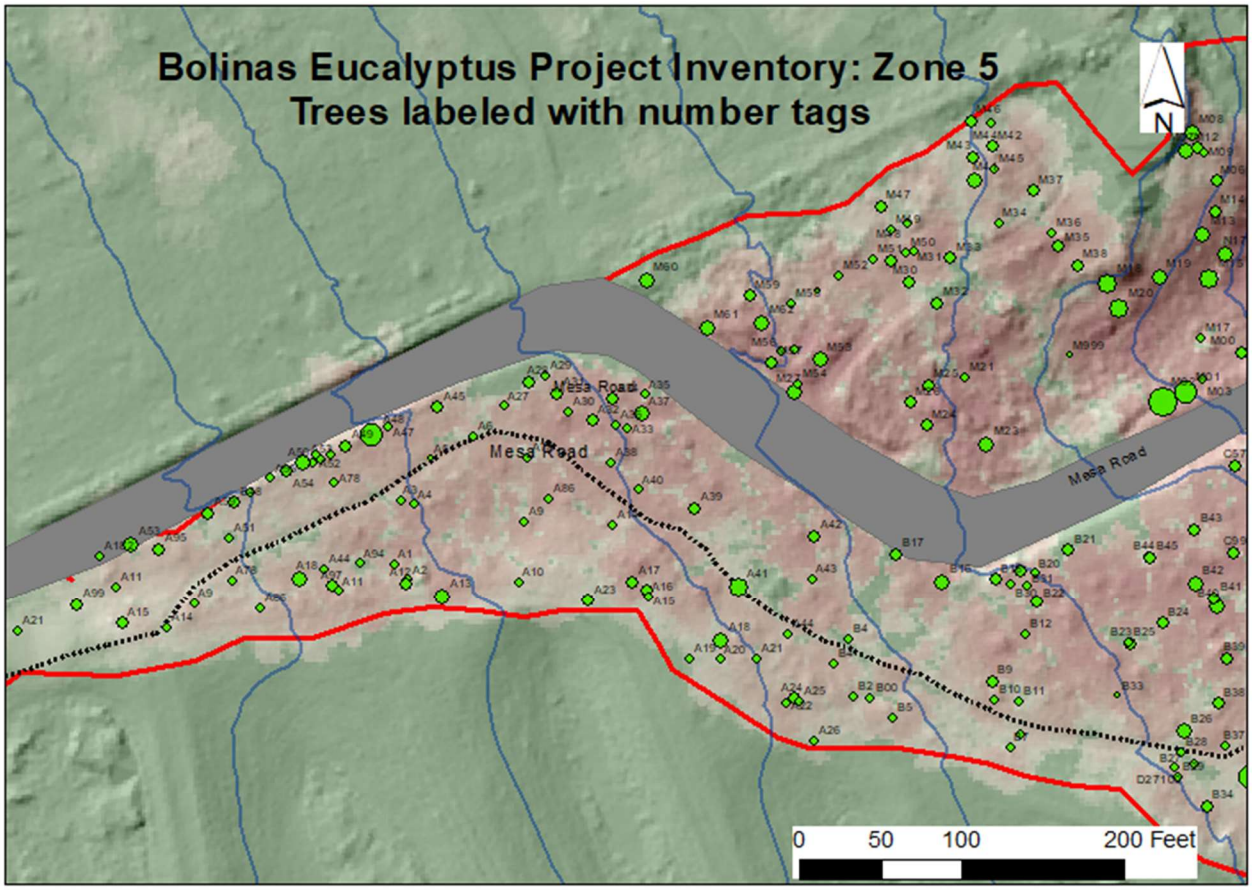

Figure 17 Field Map West

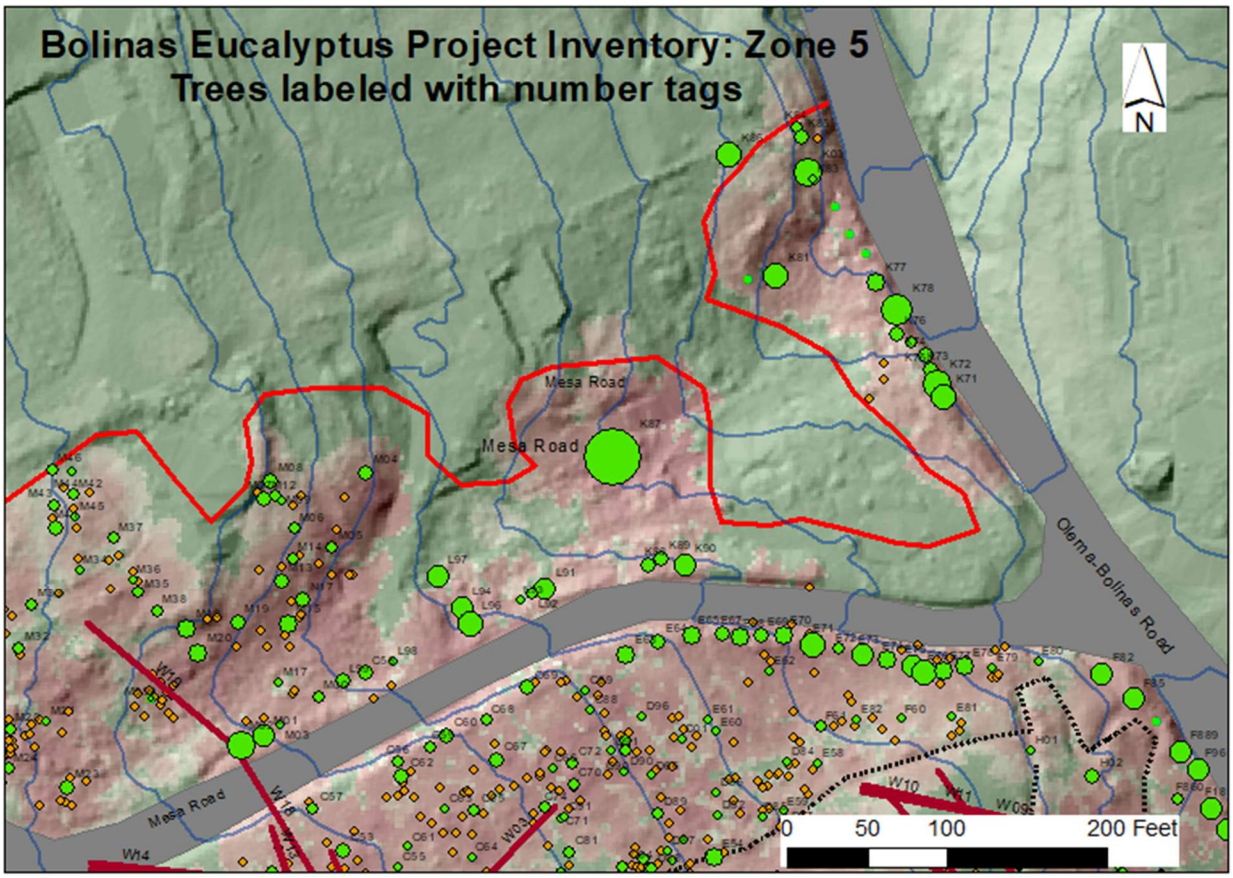

Figure 20 Trees with Tag Numbers Northeast

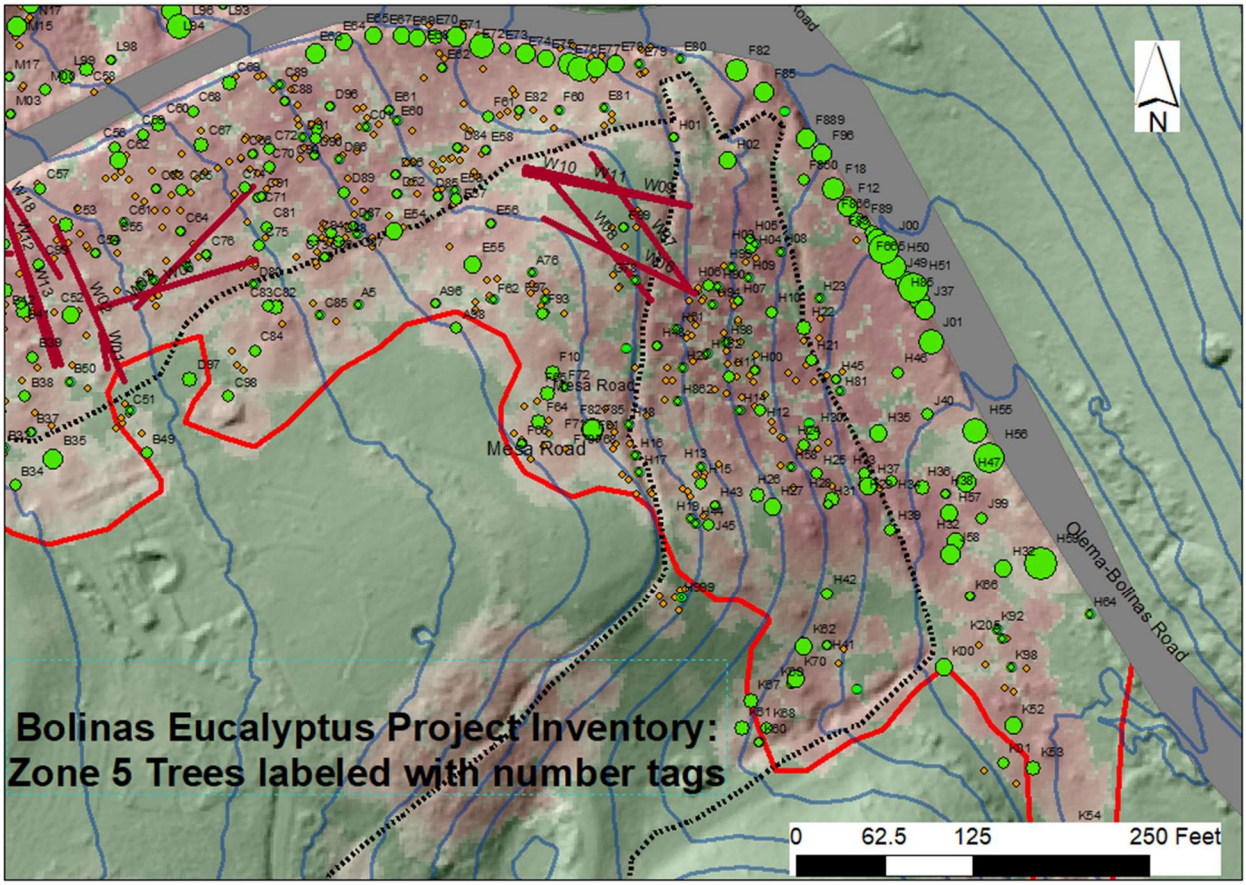

Figure 21 Trees with tag numbers southeast

Appendix 3. This Appendix is included to inform readers on “Crown Class”.

FIELD INSTRUCTIONS

FOR THE ANNUAL INVENTORY OF

CALIFORNIA, OREGON, AND WASHINGTON

2021

When GROWTH SAMPLE TREE = N, the CROWN CLASS from the previous visit will be downloaded. Update this value if there is an obvious error or change.

When Collected:	All live tally trees ≥1.0 in*ch* DBH/DRC	
Field width:	1 digit	
Tolerance:	No errors	
Values:	Code	Description
	1	Open Grown – trees with crowns that received full light from above and from all sides throughout most of its life, particularly during its early developmental period.

	2	Dominant – trees with crown extending above the general level of the crown canopy and receiving full light from above and partly from the sides. These trees are taller than the average trees in the stand and their crowns are well developed, but they could be somewhat crowded on the sides. Also, trees whose crowns have received full light from above and from all sides during early development and most of their life. Their crown form or shape appears to be free of influence from neighboring trees.
	3	Co-dominant – trees with crowns at the general level of the crown canopy. Crowns receive full light from above but little direct sunlight penetrates their sides. Usually they have medium-sized crowns and are somewhat crowded from the sides. In stagnated stands, co-dominant trees have small-sized crowns and are crowded on the sides.
	4	Intermediate – trees that are shorter than dominants and co-dominant, but their crowns extend into the canopy of co-dominant and dominant trees. They receive little direct light from above and none from the sides. As a result, intermediate trees usually have small crowns and are very crowded from the sides.
	5	Overtopped – trees with crowns entirely below the general level of the crown canopy that receive no direct sunlight either from above or the sides.

Appendix 4: Photos, Excel files, aerial video, and maps located online for public access at https://1drv.ms/u/s!AihFbfICwtAwgahAx7p5-r4ESYk2VA?e=IjZl91

Appendix 5: Inventory Field Data

BOLINAS EUCALYPTUS PROJECT ZONE 5 FIELD DATA

Recno	Street	Date	Tree Tag #	Waypoint	Tree Specie	# Stems	DBH (in)	Height (ft)	% Defect	CrownDian	Position	Condition	Tree Photo	Branch/Bol	Target haza	Notes	DBH2	DBH3	DBH4	DBH5	DBH6	Butterfly	DBH7	Latitude	Longitude	Live Crown	Photo Serie	ORG	Waypoint #
1	Area 5	12/2/2022	91	A91	Monterey (	7	26	63	0	60	1 Dominan	Good	http://mdc	None	1. Road	Open groo	17	18	19	25	19	9 Unknowr	8	37.91114	-122.695				8
2	Area 5	12/2/2022	21	A21	Monterey (	15	24	54	0	60	1 Dominan	Good	http://mdc	None	1. Road	Open grrov	26	12	26	28	14	9 Unknowr	12	37.9114	-122.695				9
3	Area 5	12/2/2022	99	A99	Blue Gum	1	34	112	0	35	2. Codomir	Good	http://mdc	Falling Brar	0. None	Lcr30 bfly						1 Yes Butterfly Use		37.91145	-122.691				15
4	Area 5	12/2/2022	0	11	Blue Gum	1	24	102	0	25	2. Codomir	Good	http://mdc	Falling Brar	0. None	Lcr50 bfly prev tree wp15						1 Yes Butterfly Use		37.9114	-122.691				16
5	Area 5	12/2/2022	182	A182	Blue Gum	1	24	92	0	20	2. Codomir	Fair		Falling Brar	0. None	Lcr 20						1 Yes Butterfly Use		37.91145	-122.691				17
6	Area 5	12/2/2022	15	A15	Blue Gum	1	31	111	0	30	1 Dominan	Good	http://mdc	Falling Brar	2. Trail	3 forks belc	10	18				9 Unknown		37.91152	-122.694	35	3. EBE3		31
7	Area 5	12/2/2022	76	A76	Blue Gum	1	16	85	10	30	3. Intermec	Fair	http://mdc	None	0. None	Lcr 70	10	10	10	12	6	9 Unknowr	14	37.91141	-122.694				18
8	Area 5	12/2/2022	96	A96	Blue Gum	1	25	119	0	35	2. Codomir	Fair	http://mdc	None	1. Road	Lcr 40						9 Unknown		37.91157	-122.695				19
9	Area 5	12/2/2022	98	A98	Blue Gum	1	29	126	0	25	2. Codomir	Fair	http://mdc	Falling Brar	1. Road	2 trees	20					9 Unknown		37.91154	-122.694				20
11	Area 5	12/13/2022	1	A1	Blue Gum	3	20	114	0	20	2. Codomir	Fair	http://mdc	Falling Brar	1. Road	Remove						9 Unknown		37.91156	-122.694				21
12	Area 5	12/2/2022	14	A14	Blue Gum	7	26	144	0	30	1 Dominan	Good	http://mdc	Falling Brar	2. Trail	Lcr20						9 Unknown		37.91149	-122.694				23
13	Area 5	12/2/2022	53	A53	Blue Gum	1	43	130	0	40	1 Dominan	Good	http://mdc	Falling Brar	2. Trail	Lcr20	10	10	14	12	8	9 Unknown		37.91145	-122.694				522
14	Area 5	12/2/2022	95	A95	Blue Gum	2	32	100	0		3. Intermec	Fair	http://mdc	Falling Brar	2. Trail	Lcr 29. Twc	20	13	14	14	9	9 Unknown		37.91144	-122.694				24
15	Area 5	12/2/2022	51	A51	Blue Gum	1	24	120	20	10	3. Intermec	Poor	http://mdc	None	2. Trail	Lcr 20	14	14	16	12	9	9 Unknown		37.91149	-122.694				25
16	Area 5	12/2/2022	78	A78	Blue Gum	1	20	130	0	18	2. Codomir	Fair	http://mdc	Falling Brar	2. Trail	Lcr20	15	7	11			9 Unknown		37.91151	-122.694				26
17	Area 5	12/2/2022	9	A9	Blue Gum	6	22	130	0	15	2. Codomir	Fair	http://mdc	None	2. Trail	Lcr15 poss	10	12	8	8	8	9 Unknown		37.91148	-122.694				28
18	Area 5	12/2/2022	86	A86	Blue Gum	5	25	130	0	20	1 Dominan	Fair	http://mdc	Falling Brar	2. Trail	Lcr 20	41	10	8	7	9	9 Unknown		37.91152	-122.694				29
19	Area 5	12/2/2022	18	A18	Blue Gum	6	39	130	2	22	2. Codomir	Fair	http://mdc	None	0. None	Lcr15	10	16	16	15	7	9 Unknowr	12	37.91165	-122.694				30
20	Area 5	12/2/2022	44	A44	Blue Gum	4	26	130	0	19	1 Dominan	Good	http://mdc	Falling Brar	2. Trail		8	8	6	8	10	9 Unknowr	11	37.91149	-122.694	30	3. EBE3		32
21	Area 5	12/2/2022	97	A97	Blue Gum	6	28	130	0	20	1 Dominan	Fair	http://mdc	None	0. None		10	16	8	10	8	9 Unknowr	8	37.91162	-122.694	15	2. EBE2		33
22	Area 5	12/2/2022	94	A94	Blue Gum	5	20	120	0	15	2. Codomir	Good	http://mdc	None	0. None		8	8	8			9 Unknown		37.91162	-122.694	15	3. EBE3		34
23	Area 5	12/2/2022	78	A78	Blue Gum	7	24	130	0	15	2. Codomir	Good	http://mdc	None	0. None		12	16	6			9 Unknown		37.9117	-122.694	15	2. EBE2		35
24	Area 5	12/13/2022	2	A2	Blue Gum	7	23	138	0	15	1 Dominan	Fair	http://mdc	None	1. Road		12	9	15	8	10	9 Unknowr	12	37.91173	-122.694	20	2. EBE2		36
25	Area 5	12/13/2022	3	A3	Blue Gum	7	20	130	0	15	2. Codomir	Fair	http://mdc	None	0. None	Most trees have frosted crowns previous						9 Unknown		37.9117	-122.694	20	2. EBE2		37
26	Area 5	12/13/2022	4	A4	Blue Gum	4	20	110	0	6	2. Codomir	Poor	http://mdc	Falling Brar	0. None	Previous ge	12	6	6	6		9 Unknown		37.91163	-122.694	20			38
27	Area 5	12/13/2022	5	A5	Blue Gum	4	23	125	0	20	2. Codomir	Fair	http://mdc	Falling Brar	0. None		8	6	6	14	8	9 Unknowr	6	37.91159	-122.694	10	2. EBE2		39
28	Area 5	12/13/2022	6	A6	Blue Gum	7	26	135	0	20	1 Dominan	Good	http://mdc	None	2. Trail		8	12	8	8	13	9 Unknowr	13	37.91149	-122.694	65	2. EBE2		40
29	Area 5	12/13/2022	7	A78	Blue Gum	1	28	130	0	20	1 Dominan	Fair	http://mdc	None	2. Trail							9 Unknown		37.91147	-122.694	60			41
30	Area 5	12/13/2022	8	A86	Blue Gum	5	44	100	10	50	1 Dominan	Fair	http://mdc	None	2. Trail		10	18	12	10	14	9 Unknowr	15	37.91148	-122.694	30	2. EBE2		42
31	Area 5	12/13/2022	9	A09	Blue Gum	7	27	100	10	15	2. Codomir	Poor	http://mdc	None	2. Trail	Mushroom	12	14	13	10	8	9 Unknowr	8	37.91146	-122.694	25			43
32	Area 5	12/13/2022	10	A10	Blue Gum	7	22	130	0	50	1 Dominan	Good	http://mdc	None	0. None		19					9 Unknown		37.91158	-122.693	30	2. EBE2		44
33	Area 5	12/13/2022	11	A11	Blue Gum	1	22	110	0	30	2. Codomir	Fair	http://mdc	Falling Brar	0. None							9 Unknown		37.91147	-122.693	40			45
34	Area 5	12/13/2022	12	A12	Blue Gum	7	33			30		Good	http://mdc	Shedding B	0. None	Next to multi-stem 4-in madrone long trail						9 Unknown		37.91146	-122.693	30	2. EBE2		46
35	Area 5	12/13/2022	13	A13	Blue Gum	7	40	115	10	40	1 Dominan	Fair	http://mdc	Falling Brar	0. None		10	14	15			9 Unknown		37.91148	-122.693	25	2. EBE2		48
36	Area 5	12/13/2022	14	A14	Blue Gum	2	31	130	0	40	1 Dominan	Good	http://mdc	Shedding B	0. None		13	14	8	8	11	9 Unknown		37.91138	-122.693	25	3. EBE3		49
37	Area 5	12/13/2022	15	A15	Blue Gum	1	21	100	0	25	2. Codomir	Poor	http://mdc	Falling Brar	2. Trail	10 and 12-i	10	42				9 Unknown		37.91135	-122.693	50			50
38	Area 5	12/13/2022	16	A16	Blue Gum	1	21	70	0	20	3. Intermec	Fair	http://mdc	None	2. Trail	Large branc	8	8				9 Unknown		37.91135	-122.693	70	4. EBE4		51
39	Area 5	12/13/2022	18	A17	Blue Gum	4	30	130	0	25	1 Dominan	Good	http://mdc	None	0. None		10	12	9	13		9 Unknown		37.91135	-122.693	20	3. EBE3		52
40	Area 5	12/13/2022	19	A18	Blue Gum	6	28	120	10	20	2. Codomir	Poor	http://mdc	None	2. Trail		13	10				9 Unknown		37.91128	-122.693	30			53
41	Area 5	12/13/2022	20	A19	Blue Gum	3	25	115	0	30	1 Dominan	Good	http://mdc	Falling Brar	0. None		8	16	14	15	13	9 Unknowr	13	37.91145	-122.694	30	2. EBE2		47
42	Area 5	12/13/2022	21	A20	Blue Gum	3	22	60	0	30	3. Intermec	Fair	http://mdc	None	2. Trail		13	16				9 Unknown		37.91129	-122.693	30	4. EBE4		54
43	Area 5	12/13/2022	22	A21	Blue Gum	5	23	120	0	20	1 Dominan	Good	http://mdc	Falling Brar	2. Trail	Tree tree 2	13	16				9 Unknown		37.91128	-122.693	60	4. EBE4		55
44	Area 5	12/13/2022	23	A22	Blue Gum	3	22	100	0	20	2. Codomir	Fair	http://mdc	None	2. Trail	Previous tr	10					9 Unknown		37.91121	-122.693	50	1. EBE1		56
45	Area 5	12/13/2022	17	A23	Blue Gum	6	31	130	0	30	1 Dominan	Good	http://mdc	Falling Brar	2. Trail							9 Unknown		37.91115	-122.693		2. EBE2		5555
46	Area 5	12/13/2022	24	A24	Blue Gum	3	28	146	0	30	1 Dominan	Good	http://mdc	None	1. Road	Top of dirt trail next to		11	16			9 Unknown		37.91179	-122.694	30	1. EBE1		57
47	Area 5	12/13/2022	25	A25	Blue Gum	3	24	167	0		1 Dominan	Good	http://mdc	None	0. None	Next two r	15					9 Unknown		37.91182	-122.694	30	1. EBE1		58
48	Area 5	12/13/2022	26	A26	Blue Gum	2	26	130	0	25	1 Dominan	Good	http://mdc	None	1. Road							9 Unknown		37.91183	-122.694	20	1. EBE1		59
49	Area 5	12/13/2022	25		Blue Gum	1	27	133	0	40	2. Codomir	Good	http://mdc	Falling Brar	0. None		10	10				9 Unknown		37.91177	-122.694	20	2. EBE2		60
50	Area 5	12/13/2022	27	A27	Blue Gum	3	22	100	0	30	2. Codomir	Good	http://mdc	Falling Brar	0. None	Cape ivy gr	6	16	14	8	10	9 Unknown		37.91181	-122.694	20	4. EBE4		61
51	Area 5	12/13/2022	28	A28	Blue Gum	2	33	125	0	30	1 Dominan	Good	http://mdc	Falling Brar	0. None							9 Unknown		37.91176	-122.694	15	4. EBE4		62
52	Area 5	12/13/2022	29	A29	Blue Gum	2	27	110	0	20	2. Codomir	Fair	http://mdc	Falling and	2. Trail	Tree forks a	8	6	14	19	6	9 Unknown		37.91175	-122.693	10	3. EBE3		63
53	Area 5	12/13/2022	30	A30	Blue Gum	3	22	110	0	15	2. Codomir	Fair	http://mdc	None	1. Road		14	14	10			9 Unknown		37.9118	-122.693	10	3. EBE3		64
54	Area 5	12/13/2022	31	A31	Blue Gum	6	35	125	0	20	1 Dominan	Fair	http://mdc	Falling and	1. Road	Hazard tre	16	6	15			9 Unknown		37.9118	-122.693	1	6. EBE6		65
55	Area 5	12/13/2022	32	A32	Blue Gum	1	28	110	0	25	2. Codomir	Fair	http://mdc	Falling Brar	0. None		14					9 Unknown		37.91175	-122.693	15	5. EBE5		66
56	Area 5	12/13/2022	33	A33	Blue Gum	6	20	110	0	10	2. Codomir	Poor		None	1. Road	Cape ivy ur	14					9 Unknown		37.91177	-122.693	15	6. EBE6		67
57	Area 5	12/13/2022	34	A34	Blue Gum	4	30	120	0	30	1 Dominan	Fair	http://mdc	Falling Brar	0. None		11	12	17	15	11	9 Unknown		37.91169	-122.693	25	6. EBE6		68
58	Area 5	12/13/2022	35	A35	Blue Gum	4	21	110	100	0	2. Codomir	Poor	http://mdc	Falling Brar	0. None		8	6	14			9 Unknown		37.91161	-122.693	20			69
59	Area 5	12/13/2022	36	A36	Blue Gum	2	21	115	0	15	2. Codomir	Poor	http://mdc	None	2. Trail		6	8	12	10	14	9 Unknown		37.91164	-122.693		2. EBE2		70
60	Area 5	12/13/2022	37	A37	Blue Gum	3	38	775	0	15	1 Dominan	Fair	http://mdc	None	2. Trail	Large early	12	6				9 Unknown		37.91148	-122.693	30	1. EBE1		71
61	Area 5	12/13/2022	38	A38	Blue Gum	6	27	120	0	20	1 Dominan	Poor	http://mdc	Falling Brar	0. None	Previous tree 41 may not have label or GPS 71						9 Unknown		37.91156	-122.693	15	1. EBE1		72
62	Area 5	12/13/2022	39	A39	Blue Gum	4	33	120	0	40	1 Dominan	Fair	http://mdc	Falling Brar	0. None							9 Unknown		37.91149	-122.693	20	2. EBE2		73
63	Area 5	12/13/2022	40	A40	Blue Gum	6	23	110	0	18	2. Codomir	Fair	http://mdc	None	2. Trail							9 Unknown		37.91139	-122.693	20	2. EBE2		74
64	Area 5	12/13/2022	41	A41	Blue Gum	3	44	120	10	40	1 Dominan	Fair	http://mdc	None	1. Road	Eastern most tree in row along road some rot						9 Unknown		37.91178	-122.694	25	3. EBE3		75
65	Area 5	12/13/2022	42	A42	Blue Gum	1	32	120	0	30	1 Dominan	Good	http://mdc	Previously '	1. Road	Poison oak heavily along row and row second tree						9 Unknown		37.91176	-122.694	20	3. EBE3		76
66	Area 5	12/13/2022	43	A43	Blue Gum	1	23	115	0	15	2. Codomir	Fair	http://mdc	Falling Brar	1. Road	Remove tree, branches due to fallen road						9 Unknown		37.91175	-122.694	20	3. EBE3		77
67	Area 5	12/13/2022	44	A44	Blue Gum	1	35	130	0	50	1 Dominan	Good	http://mdc	None	1. Road	Largest tree in row has been pruned						9 Unknown		37.91181	-122.694	30	3. EBE3		78
68	Area 5	12/13/2022	45	A45	Blue Gum	1	30	100	10	25	2. Codomir	Fair	http://mdc	Falling Brar	1. Road							9 Unknown		37.91172	-122.694	25	3. EBE3		79
69	Area 5	12/13/2022	46	A46	Blue Gum	1	25	75	0	20	3. Intermec	Fair	http://mdc	Falling Brar	1. Road	Row of hug	12					9 Unknown		37.91174	-122.694	10	2. EBE2		80
70	Area 5	12/13/2022	47	A47	Blue Gum	1	26	90	10	15	3. Intermec	Poor	http://mdc	None	1. Road	Best tree in	12					9 Unknown		37.91177	-122.694	25	3. EBE3		81
71	Area 5	12/13/2022	48	A48	Blue Gum	1	55	100	0	60	1 Dominan	Fair	http://mdc	None	1. Road							9 Unknown		37.91172	-122.694	25	3. EBE3		82
72	Area 5	12/13/2022	49	A49	Blue Gum	1	33	90	10	25	3. Intermec	Poor	http://mdc	Shedding B	1. Road	Was cut off	12	15				9 Unknown		37.91174	-122.694	20	3. EBE3		83
73	Area 5	12/13/2022	50	A50	Blue Gum	2	24	65	10	10	4. Suppress	Poor	http://mdc	Falling Brar	1. Road	Big rotten h	23					9 Unknown		37.91173	-122.694	20	3. EBE3		84
74	Area 5	12/13/2022	51	A51	Blue Gum	2	35	105	0	25	1 Dominan	Good	http://mdc	Previously '	1. Road		13					9 Unknown		37.91166	-122.694	10	3. EBE3		85

75	Area 5	12/13/2022	52	A52	Monterey (	1	23	85	10	20	3. Intermec	Poor	http://mdc	Falling Brar	1. Road	Dying remc	13	17			9	Unknown		37.91169	-122.694	15	4. EBE4		88
76	Area 5	12/13/2022	53	A53	Blue Gum	3	28	95	0	30	2. Codomir	Fair	http://mdc	None	2. Trail		24				9	Unknown		37.91163	-122.694	25	2. EBE2		89
77	Area 5	12/13/2022	54	A54	Blue Gum	2	28	100	20	40	2. Codomir	Fair		None	2. Trail	B00					9	Unknown		37.91129	-122.693	40			0
78	Area 5	12/13/2022	55	A55	Blue Gum	2	23	90	0	20	2. Codomir	Poor		Falling Brar	2. Trail						9	Unknown		37.91139	-122.693	10		B4	
79	Area 5	12/13/2022	58	A58	Blue Gum	3	20	70	40	10	4. Suppress	Poor		None	2. Trail	Edge tree					9	Unknown		37.91125	-122.693	50		B5	
80	Area 5	12/13/2022	59	A59	Blue Gum	2	28	100	10	50	1 Dominan	Fair		None	0. None		8	10	10	17	9	Unknown		37.91145	-122.693	20	4. EBE4	B22	
81	Area 5	1/18/2023	0	B00	Blue Gum	1	24	130	0	20	2. Codomir	Fair		None	2. Trail	B02 waypoint					0	No Butterfly Use		37.91129	-122.693	40	2. EBE2	B2	
82	Area 5	1/18/2023	4	B4	Blue Gum	1	22	125	0	15	2. Codomir	Poor		Falling Brar	2. Trail						9	Unknown		37.91135	-122.693	10		B4	
83	Area 5	1/18/2023	5	B5	Blue Gum	1	24	125	0	25	2. Codomir	Good		None	2. Trail		15	16	16	9	6	9 Unknowr	12	37.91131	-122.693	25	3. EBE3	B9	
84	Area 5	1/18/2023	22	B22	Blue Gum	5	32	145	0	20	1 Dominan	Good		Falling Brar	1. Road	Roadside tr	8	11	14	6	9	Unknown		37.91154	-122.693	5	2. EBE2	B19	
85	Area 5	1/18/2023	2	B2	Blue Gum	1	24	130	0	20	2. Codomir	Fair		None	1. Road		8	10	11		9	Unknown		37.91148	-122.693	20	2. EBE2	B30	
86	Area 5	1/18/2023	4	B3	Blue Gum	1	24	135	0	15	2. Codomir	Fair		Falling Brar	1. Road		8	8			9	Unknown		37.91148	-122.693	20	3. EBE3	B31	
87	Area 5	1/18/2023	9	B9	Blue Gum	7	28	140	0	20	1 Dominan	Good		Falling and	0. None	Tree hung ı	12	13			9	Unknown		37.91139	-122.693	15	3. EBE3	B12	
88	Area 5	1/18/2023	19	B19	Blue Gum	5	28	110	50	5	2. Codomir	Poor		Falling Brar	2. Trail		10				9	Unknown		37.91128	-122.693	40	2. EBE2	B10	
89	Area 5	1/18/2023	30	B30	Blue Gum	4	23	130	0	20	2. Codomir	Good		None	2. Trail		7	8	19	11	9	Unknown		37.91128	-122.693	30	3. EBE3	B11	
90	Area 5	1/18/2023	31	B31	Blue Gum	3	26	130	0	20	2. Codomir	Fair		None	1. Road		10	10	8		9	Unknown		37.91154	-122.693	25	3. EBE3	B21	
91	Area 5	1/18/2023	12	B12	Blue Gum	3	27	110	0	10	3. Intermec	Poor		Falling Brar	1. Road		10	10			9	Unknown		37.9115	-122.693	10	3. EBE3	B20	
92	Area 5	1/18/2023	10	B10	Blue Gum	2	24	120	0	25	2. Codomir	Fair		None	0. None	Rot?	11	8	12		9	Unknown		37.91138	-122.692	25	3. EBE3	B23	
93	Area 5	1/18/2023	11	B11	Blue Gum	5	24	130	0	30	3. Intermec	Good		Falling Brar	0. None						9	Unknown		37.91141	-122.692	10		B24	
94	Area 5	1/18/2023	21	B21	Blue Gum	4	30	150	0	25	1 Dominan	Good		None	2. Trail		8	8	13	8	12	9 Unknowr	11	37.91129	-122.692	15	3. EBE3	B33	
95	Area 5	1/18/2023	20	B20	Blue Gum	3	23	135	0	10	2. Codomir	Fair		Falling Brar	1. Road	Alongside r	8	15	19		9	Unknown		37.91159	-122.693	30	3. EBE3	B17	
96	Area 5	1/18/2023	23	B23	Blue Gum	4	34	140	10	20	1 Dominan	Fair		Falling Brar	2. Trail						9	Unknown		37.91117	-122.692	15	3. EBE3	B32	
97	Area 5	1/18/2023	24	B24	Blue Gum	1	28	140	0	10	2. Codomir	Poor		None	1. Road	Has rot at t	18				9	Unknown		37.91166	-122.694	30	3. EBE3		78100
99	Area 5	1/18/2023	17	B17	Blue Gum	4	33	145	0	25	1 Dominan	Fair		Previously '	1. Road	Topped lon	14	22	15	8	9	Unknown		37.91147	-122.693	1	3. EBE3	B16	
100	Area 5	1/18/2023	32	B32	Blue Gum	1	22	110	10	15	3. Intermec	Poor		Falling Brar	1. Road	Roadside tr	6	8	6	8	10	9 Unknowr	16	37.9115	-122.693	20	3. EBE3	B18	
101	Area 5	12/13/2022	48	B48	Blue Gum	2	28	90	10	25	2. Codomir	Poor		None	2. Trail	Open ground a side trail					9	Unknown		37.91122	-122.693	30	2. EBE2	B6	
102	Area 5	1/18/2023	16	B16	Blue Gum	5	37	30	75	0	5. Topped	Poor		None	2. Trail		18				9	Unknown		37.9112	-122.693	20	2. EBE2	B7	
103	Area 5	1/18/2023	18	B18	Blue Gum	7	28	100	25	25	2. Codomir	Poor		None	2. Trail		16	12	11	13	14	9 Unknown		37.91123	-122.692	40	3. EBE3	B26	
104	Area 5	1/18/2023	6	B6	Blue Gum	1	22	95	0	30	1 Dominan	Good		None	2. Trail		15				9	Unknown		37.91117	-122.692	30	2. EBE2	B27	
105	Area 5	1/18/2023	7	B7	Blue Gum	2	21	85	0	20	2. Codomir	Fair		None	2. Trail		17				9	Unknown		37.91119	-122.692	15	3. EBE3	B28	
106	Area 5	1/18/2023	26	B26	Blue Gum	6	39	130	0	30	1 Dominan	Fair		None	2. Trail						9	Unknown		37.91115	-122.692	25	3. EBE3	B29	
107	Area 5	1/18/2023	27	B27	Blue Gum	2	20	125	0	15	1 Dominan	Good		Falling Brar	2. Trail						9	Unknown		37.9111	-122.692	40	4. EBE4	B34	
108	Area 5	1/18/2023	82	B28	Blue Gum	2	24	130	0	15	1 Dominan	Good		Falling and	0. None		14				9	Unknown		37.91138	-122.692	10	4. EBE4	B25	
109	Area 5	1/18/2023	29	B29	Blue Gum	1	20	130	0	20	1 Dominan	Good		None	2. Trail	Open ground at edge of Open area					9	Unknown		37.91115	-122.692	70	4. EBE4	B35	
110	Area 5	1/18/2023	34	B34	Blue Gum	1	31	130	0	25	1 Dominan	Good		Falling Brar	2. Trail		14				9	Unknown		37.9112	-122.692	30	4. EBE4	B37	
111	Area 5	1/18/2023	25	B25	Blue Gum	2	27	135	0	15	1 Dominan	Poor		None	2. Trail	Next to goa	7				9	Unknown		37.91116	-122.692	40	4. EBE4	B49	
112	Area 5	1/18/2023	35	B35	Blue Gum	1	53	90	0	60	1 Dominan	Good		None	2. Trail		10				9	Unknown		37.9113	-122.692	15	2. EBE2	B50	
113	Area 5	1/18/2023	37	B37	Blue Gum	2	27	90	0	30	2. Codomir	Fair		Falling and	2. Trail		16	14			9	Unknown		37.91127	-122.692	15	2. EBE2	B38	
114	Area 5	1/18/2023	49	B49	Blue Gum	2	29	110	0	40	1 Dominan	Good		Falling and	2. Trail		16	10			9	Unknown		37.91135	-122.692	15	4. EBE4	B39	
115	Area 5	1/18/2023	50	B50	Blue Gum	3	20	140	0	15	2. Codomir	Fair		Falling and	0. None	Within blov	6	8	19	7	6	9 Unknowr	9	37.91144	-122.692	20	5. EBE5	B40	
116	Area 5	1/18/2023	38	B38	Blue Gum	3	31	140	0	20	1 Dominan	Good		Falling and	0. None						9	Unknown		37.91145	-122.692	15	4. EBE4	B41	
117	Area 5	1/18/2023	39	B39	Blue Gum	3	34	150	0	20	2. Codomir	Poor		Falling Brar	0. None		12	10			9	Unknown		37.91148	-122.692	30	5. EBE5	B42	
118	Area 5	1/18/2023	40	B40	Blue Gum	7	37	160	0	20	2. Codomir	Poor		None	1. Road	Twin 28-in	28	6	6	10	10	9 Unknowr	10	37.91157	-122.692	15	7. HiF03	B43	
119	Area 5	1/18/2023	41	B41	Blue Gum	1	31	155	0	20	2. Codomir	Poor		None	1. Road		7	15	10		9	Unknown		37.91152	-122.692	10	6. EBE6	B44	
120	Area 5	1/18/2023	42	B42	Blue Gum	3	39	160	0	25	2. Codomir	Fair		Falling Brar	1. Road						9	Unknown		37.91152	-122.692	15	5. EBE5	B45	
121	Area 5	1/18/2023	43	B43	Blue Gum	7	28	160	0	15	2. Codomir	Good		Falling Brar	2. Trail	Smashed b	12	10	10	12	10	9 Unknowr	8	37.91124	-122.692	10	7. HiF03	C51	
122	Area 5	1/18/2023	44	B44	Blue Gum	4	25	135	0	10	2. Codomir	Fair		None	0. None	In blowdov	6	6	10		9	Unknown		37.91143	-122.692	30	7. HiF03	C52	
123	Area 5	1/18/2023	45	B45	Blue Gum	1	32	155	0	20	1 Dominan	Fair		None	0. None		10	12	11	13	8	9 Unknowr	7	37.91161	-122.692	20	7. HiF03	C53	
124	Area 5	1/21/2023	51	C51	Blue Gum	6	17	130	5	5	2. Codomir	Poor		None	1. Road	No tag in b	7	10			9	Unknown		37.91153	-122.692	15	7. HiF03	C99	
125	Area 5	1/21/2023	52	C52	Blue Gum	4	44	160	0	30	1 Dominan	Good		None	0. None	Leans away	9				9	Unknown		37.91155	-122.692	20	6. EBE6	C54	
126	Area 5	1/21/2023	53	C53	Blue Gum	7	36	160	0	25	1 Dominan	Good		None	0. None		14				9	Unknown		37.91158	-122.692	20	6. EBE6	C55	
127	Area 5	1/21/2023	99	C99	Blue Gum	3	32	160	0	20	1 Dominan	Good		None	1. Road	On banking	14				9	Unknown		37.91169	-122.692	25	7. HiF03	C57	
128	Area 5	1/21/2023	54	C54	Blue Gum	2	27	160	0	20	2. Codomir	Fair		Falling Brar	1. Road	Big French extending inland					9	Unknown		37.91179	-122.692	25	5. EBE5	C56	
129	Area 5	1/21/2023	55	C55	Blue Gum	2	25	160	0	10	2. Codomir	Fair		None	1. Road	On Bank above road					9	Unknown		37.91177	-122.692	20	4. EBE4	C59	
130	Area 5	1/21/2023	57	C57	Blue Gum	2	35	160	0	25	2. Codomir	Poor		Falling Brar	1. Road	On Bank above road					9	Unknown		37.9118	-122.692	20	4. EBE4	C60	
131	Area 5	1/21/2023	56	C56	Blue Gum	1	32	160	0	25	2. Codomir	Fair		None	0. None		15	15	15	13	14	9 Unknowr	18	37.91173	-122.692	20	5. EBE5	C62	
132	Area 5	1/21/2023	59	C59	Blue Gum	1	34	160	10	20	2. Codomir	Fair		Falling Brar	0. None						9	Unknown		37.91161	-122.692	15	4. EBE4	C61	
133	Area 5	1/21/2023	60	C60	Blue Gum	1	37	160	0	25	2. Codomir	Good		Falling Brar	0. None		16	10	11	15	9	Unknown		37.91168	-122.692	20		C63	
134	Area 5	1/21/2023	62	C62	Blue Gum	7	41	160	0	40	1 Dominan	Good		Falling Brar	0. None		19	14	43	14	9	Unknown		37.91159	-122.692	20	5. EBE5	C64	
135	Area 5	1/21/2023	61	C61	Blue Gum	1	20	140	0	15	2. Codomir	Poor		Falling and	0. None		12	12	12	12	12	9 Unknowr	16	37.91167	-122.692	20	5. EBE5	C65	
136	Area 5	1/21/2023	63	C63	Blue Gum	5	27	140	0	25	2. Codomir	Fair		Falling Brar	0. None	Broken or twisted top		6	6	8	10	9 Unknowr	10	37.91175	-122.692	20	5. EBE5	C66	
137	Area 5	1/21/2023	64	C64	Blue Gum	4	25	150	0	20	2. Codomir	Fair		Falling Brar	1. Road	30 ft from road					9	Unknown		37.91183	-122.692	20	2. EBE2	C68	
138	Area 5	1/21/2023	65	C65	Blue Gum	7	35	160	0	20	2. Codomir	Fair		Falling Brar	1. Road	On banking	16				9	Unknown		37.91191	-122.692	30	4. EBE4	C69	
139	Area 5	1/21/2023	66	C66	Blue Gum	7	26	120	0	20	3. Intermec	Poor		Falling and	1. Road		8				9	Unknown		37.91172	-122.692	20	4. EBE4	C70	
140	Area 5	1/21/2023	68	C68	Blue Gum	1	30	160	0	20	2. Codomir	Fair		None	0. None		10				9	Unknown		37.91176	-122.692	20	4. EBE4	C72	
141	Area 5	1/21/2023	69	C69	Blue Gum	2	37	160	0	30	1 Dominan	Fair		Falling Brar	0. None		12	8			9	Unknown		37.91166	-122.692	15	4. EBE4	C71	
142	Area 5	1/21/2023	70	C70	Blue Gum	2	29	160	0	10	2. Codomir	Fair		None	0. None		7				9	Unknown		37.91168	-122.692	20	3. EBE3	C74	
143	Area 5	1/21/2023	72	C72	Blue Gum	4	29	160	0	15	2. Codomir	Fair		None	0. None		11				9	Unknown		37.91179	-122.691	10	3. EBE3	C95	
144	Area 5	1/21/2023	71	C71	Blue Gum	3	27	160	0	10	2. Codomir	Poor		Falling Brar	0. None						9	Unknown		37.91166	-122.692	20	3. EBE3	C91	
145	Area 5	1/21/2023	74	C74	Blue Gum	2	28	160	0	25	2. Codomir	Fair		Falling Brar	2. Trail						9	Unknown		37.91159	-122.691	25	2. EBE2	C73	
146	Area 5	1/21/2023	95	C95	Blue Gum	2	28	150	0	15	3. Intermec	Fair		None	2. Trail		6	15	6	10	8	9 Unknown		37.91157	-122.692	30	5. EBE5	C75	
147	Area 5	1/21/2023	91	C91	Blue Gum	1	25	140	10	20	2. Codomir	Poor		Falling Brar	2. Trail		16	14			9	Unknown		37.91155	-122.692	20	6. EBE6	C76	
148	Area 5	1/21/2023	73	C73	Blue Gum	1	34	168	0	40	1 Dominan	Good		None	1. Road	On banking above road					9	Unknown		37.91186	-122.692	15	4. EBE4	C58	
149	Area 5	1/21/2023	75	C75	Monterey (	6	30	160	0	30	1 Dominan	Good		None	0. None		6	7	6	13	9	Unknown		37.91176	-122.692	25	3. EBE3	C67	
150	Area 5	1/21/2023	76	C76	Blue Gum	3	25	140	0	20	2. Codomir	Fair		Falling Brar	2. Trail		8				9	Unknown		37.91162	-122.691	10	2. EBE2	C93	

151	Area 5	1/21/2023	58	C58	Blue Gum	1	38	160	15	20	2. Codomir	Poor		None	0. None		19	7	9	8	9	Unknown		37.91158	-122.691	25	2. EBE2	C94
152	Area 5	1/21/2023	67	C67	Blue Gum	5	39	160	0	25	1 Dominan	Fair		None	0. None	Near butte	10	6	8	8	10	9 Unknowr	10	37.9115	-122.692	15	7. HiF03	C77
153	Area 5	1/21/2023	93	C93	Blue Gum	2	21	125	0	10	3. Intermec	Poor	http://mdc	Falling Brar	2. Trail		17				9	Unknown		37.91167	-122.691	15	6. EBE6	D52
154	Area 5	1/21/2023	94	C94	Blue Gum	5	32	160	10	40	1 Dominan	Fair		Previously '	2. Trail	Topped by	7	10	16	6	12	9 Unknowr	6	37.91149	-122.692	0	7. HiF03	C78
155	Area 5	1/21/2023	77	C77	Blue Gum	7	22	155	0	20	2. Codomir	Good		Falling Brar	2. Trail		8	6	12		9	Unknown		37.91153	-122.692	30	7. HiF03	C79
156	Area 5	1/21/2023	52	D52	Blue Gum	1	24	150	0	20	2. Codomir	Poor		None	3. Building	Next to goat pen to 97 98 trees no tags					9	Unknown		37.91127	-122.692	40	6. EBE6	C98
158	Area 5	1/21/2023	79	C79	Blue Gum	4	21	115	0	25	1 Dominan	Fair		Shedding B	0. None		16	16	6		9	Unknown		37.91136	-122.692	20	7. HiF03	C84
159	Area 5	1/21/2023	98	C98	Blue Gum	1	30	110	0	40	2. Codomir	Good		None	0. None		12	19	16		9	Unknown		37.91145	-122.692	30	7. HiF03	C83
160	Area 5	1/21/2023	84	C84	Blue Gum	4	30	125	0	20	2. Codomir	Fair		None	2. Trail	Edge of monarch Grove					9	Unknown		37.91145	-122.692	15	7. HiF03	C82
161	Area 5	1/21/2023	83	C83	Blue Gum	4	36	160	5	30	2. Codomir	Poor		None	2. Trail	Monarchs i	16				1	Yes Butterfly Use		37.9116	-122.692	20	6. EBE6	C81
162	Area 5	1/21/2023	82	C82	Blue Gum	1	28	155	0	25	1 Dominan	Good		Falling Brar	0. None	In monarch	19	8			1	Yes Butterfly Use		37.91143	-122.691	60	1. EBE1	C85
163	Area 5	1/21/2023	81	C81	Blue Gum	2	31	160	0	30	1 Dominan	Good	http://mdc	None	2. Trail		7	10	13	14	8	9 Unknowr	6	37.91154	-122.691	15	3. EBE3	C86
164	Area 5	1/21/2023	85	C85	Blue Gum	3	22	120	0	25	1 Dominan	Fair	http://mdc	Falling Brar	2. Trail						9	Unknown		37.91159	-122.691	25	2. EBE2	C87
165	Area 5	1/21/2023	86	C86	Blue Gum	7	24	140	0	15	1 Dominan	Good	http://mdc	None	1. Road		8	9			9	Unknown		37.91185	-122.692	15	3. EBE3	C88
166	Area 5	1/21/2023	87	C87	Blue Gum	1	22	140	0	25	2. Codomir	Poor	http://mdc	Falling Brar	1. Road		8	10	9	7	9	Unknown		37.91188	-122.692	10	3. EBE3	C89
167	Area 5	1/21/2023	88	C88	Blue Gum	3	27	160	0	25	1 Dominan	Fair	http://mdc	Falling Brar	0. None		14	12			9	Unknown		37.91178	-122.691	10	4. EBE4	C90
168	Area 5	1/21/2023	89	C89	Blue Gum	5	22	160	0	20	1 Dominan	Fair	http://mdc	Falling Brar	0. None	Waypoint c	12	8	14		9	Unknown		37.91178	-122.691	25	3. EBE3	D91
169	Area 5	1/21/2023	90	C90	Blue Gum	3	28	160	0	10	2. Codomir	Fair	http://mdc	Falling Brar	0. None	Possible du	10	19			9	Unknown		37.91174	-122.691	10	4. EBE4	D90
170	Area 5	1/21/2023	91	D91	Blue Gum	4	21	150	0	28	2. Codomir	Fair	http://mdc	Falling Brar	0. None	Next to D9(	14				9	Unknown		37.91173	-122.691	10	3. EBE3	D66
171	Area 5	1/21/2023	90	D90	Blue Gum	3	24	160	0	20	1 Dominan	Fair	http://mdc	Falling Brar	2. Trail		10	12	14		9	Unknown		37.91167	-122.691	30	4. EBE4	D89
172	Area 5	1/21/2023	-66	D66	Blue Gum	2	22	150	0	5	3. Intermec	Poor	http://mdc	Falling Brar	0. None	NOTE more	8	8	6	11	15	9 Unknowr	10	37.9118	-122.691	10	3. EBE3	C01
173	Area 5	1/21/2023	89	D89	Blue Gum	4	33	160	0	30	1 Dominan	Fair	http://mdc	None	0. None						9	Unknown		37.91184	-122.691	15	2. EBE2	D96
174	Area 5	1/21/2023	1	C01	Blue Gum	7	21	130	0	5	2. Codomir	Poor	http://mdc	Falling Brar	2. Trail		99				9	Unknown		37.91176	-122.691	20	4. EBE4	D84
175	Area 5	1/21/2023	96	D96	Blue Gum	1	27	160	0	20	1 Dominan	Fair	http://mdc	Falling and	2. Trail		14	6	14		9	Unknown		37.9117	-122.691	15	6. EBE6	D86
176	Area 5	1/21/2023	84	D84	Blue Gum	12	27	140	0	25	2. Codomir	Fair	http://mdc	Falling Brar	2. Trail		14	10	13	6	9	Unknown		37.9116	-122.691	110	6. EBE6	D87
177	Area 5	1/21/2023	86	D86	Blue Gum	4	24	140	0	10	2. Codomir	Poor		None	3. Building	At goat pen					9	Unknown		37.91131	-122.692	40	7. HiF03	D97
178	Area 5	1/21/2023	87	D87	Blue Gum	5	25	160	0	15	2. Codomir	Poor		None	0. None		11	8			9	Unknown		37.91149	-122.692	40	6. EBE6	D80
179	Area 5	1/21/2023	97	D97	Blue Gum	1	38	110	0	40	1 Dominan	Good	http://mdc	Falling Brar	2. Trail		18				9	Unknown		37.91166	-122.691	10	5. EBE5	D85
180	Area 5	1/21/2023	80	D80	Blue Gum	3	23	150	0	30	1 Dominan	Fair	http://mdc	Falling Brar	2. Trail		7				9	Unknown		37.91157	-122.691	10	6. EBE6	D88
181	Area 5	1/21/2023	585	D85	Blue Gum	2	27	140	0	10	2. Codomir	Poor	http://mdc	None	2. Trail		13	16			9	Unknown		37.91129	-122.693	30	4. EBE4	D54
182	Area 5	1/21/2023	88	D88	Blue Gum	2	31	160	0	50	2. Codomir	Poor		None	2. Trail		15				9	Unknown		37.91117	-122.692	30	2. EBE2	D27100
183	Area 5	1/21/2023	24	D53	Blue Gum	3	28	146	0	30	1 Dominan	Good	http://mdc	Falling and	2. Trail		6	8	6	10	10	9 Unknown		37.91159	-122.691	20	5. EBE5	E54
184	Area 5	1/21/2023	27	D27100	Blue Gum	2	20	125	0	15	1 Dominan	Good	http://mdc	Falling Brar	2. Trail		16				9	Unknown		37.91153	-122.691	30	3. EBE3	E55
185	Area 5	1/25/2023	54	E54	Blue Gum	6	47	140	0	30	1 Dominan	Fair	http://mdc	Falling and	2. Trail						9	Unknown		37.91161	-122.691	10	3. EBE3	E56
186	Area 5	1/25/2023	55	E55	Blue Gum	2	45	140	0	30	1 Dominan	Poor	http://mdc	None	2. Trail		16	6	6		9	Unknown		37.91166	-122.691	15	7. HiF03	E57
187	Area 5	1/25/2023	56	E56	Blue Gum	1	24	110	0	10	3. Intermec	Poor	http://mdc	Falling Brar	2. Trail		8	6	8		9	Unknown		37.91175	-122.691	30	7. HiF03	E58
188	Area 5	1/25/2023	57	E57	Blue Gum	4	33	130	0	25	1 Dominan	Fair		None	0. None		10	11			9	Unknown		37.91181	-122.691	10	3. EBE3	E60
189	Area 5	1/25/2023	58	E58	Blue Gum	4	26	160	0	20	1 Dominan	Fair	http://mdc	None	0. None						9	Unknown		37.91183	-122.691	15	3. EBE3	E61
190	Area 5	1/25/2023	60	E60	Blue Gum	3	20	140	0	10	2. Codomir	Fair	http://mdc	None	0. None		8	8	10		9	Unknown		37.91191	-122.691	15	2. EBE2	E62
191	Area 5	1/25/2023	61	E61	Blue Gum	1	24	150	0	20	1 Dominan	Good	http://mdc	Falling Brar	1. Road	On road ba	12				9	Unknown		37.91194	-122.691	40	3. EBE3	E63
192	Area 5	1/25/2023	62	E62	Blue Gum	4	25	150	0	15	2. Codomir	Fair	http://mdc	Falling Brar	1. Road						9	Unknown		37.91193	-122.691	20	3. EBE3	E64
193	Area 5	1/25/2023	63	E63	Blue Gum	2	50	160	10	50	1 Dominan	Fair		Falling Brar	1. Road						9	Unknown		37.91203	-122.691	30	3. EBE3	E65
194	Area 5	1/25/2023	64	E64	Blue Gum	1	40	100	25	30	3. Intermec	Poor	http://mdc	Falling Brar	1. Road	Extreme ivy	16				9	Unknown		37.91203	-122.691	20	4. EBE4	E67
195	Area 5	1/25/2023	65	E65	Blue Gum	1	46	150	0	30	2. Codomir	Fair	http://mdc	Falling Brar	1. Road	English ivy a problem on banking throughout					9	Unknown		37.91193	-122.691	30	4. EBE4	E68
196	Area 5	1/25/2023	67	E67	Blue Gum	2	43	160	0	30	1 Dominan	Fair		Falling Brar	1. Road	Ivy					9	Unknown		37.91194	-122.691	20	4. EBE4	E69
197	Area 5	1/25/2023	68	E68	Blue Gum	1	44	160	0	40	2. Codomir	Fair	http://mdc	None	1. Road						9	Unknown		37.91197	-122.691	20	4. EBE4	E70
198	Area 5	1/25/2023	69	E69	Blue Gum	1	38	100	0	20	3. Intermec	Poor		Falling Brar	1. Road		17	10	6		9	Unknown		37.91183	-122.691	30	3. EBE3	E81
199	Area 5	1/25/2023	70	E70	Blue Gum	1	50	160	0	40	1 Dominan	Good	http://mdc	Falling Brar	2. Trail	English ivy	19	6	7		9	Unknown		37.91167	-122.691	20	3. EBE3	E59
200	Area 5	1/25/2023	81	E81	Blue Gum	4	21	90	0	20	2. Codomir	Poor	http://mdc	Previously '	1. Road	Ivy on bank on road					9	Unknown		37.91192	-122.691	30	4. EBE4	E71
201	Area 5	1/25/2023	59	E59	Blue Gum	1	21	150	0	10	2. Codomir	Fair	http://mdc	Previously '	1. Road	Dead tree p	6	14			9	Unknown		37.91202	-122.691	0	2. EBE2	E72
202	Area 5	1/25/2023	71	E71	Blue Gum	1	61	160	0	30	1 Dominan	Poor	http://mdc	Previously '	3. Building	Target buil	12				9	Unknown		37.91199	-122.691	30	4. EBE4	E73
203	Area 5	1/25/2023	72	E72	Blue Gum	3	28	25	100	0	3. Intermec	Poor	http://mdc	None	3. Building	Ibidtargets	12	10			9	Unknown		37.91188	-122.691	20	4. EBE4	E74
204	Area 5	1/25/2023	73	E73	Blue Gum	2	53	160	0	40	1 Dominan	Fair	http://mdc	Previously '	3. Building	multi-Targe	8	12			9	Unknown		37.91192	-122.691	30	2. EBE2	E75
205	Area 5	1/25/2023	74	E74	Blue Gum	3	44	140	0	20	2. Codomir	Poor	http://mdc	Previously '	3. Building	Multi-target					9	Unknown		37.91183	-122.691	30	3. EBE3	E76
206	Area 5	1/25/2023	75	E75	Blue Gum	3	57	160	0	50	1 Dominan	Fair	http://mdc	Previously '	3. Building	Multi hazards tree on banking topped					9	Unknown		37.91191	-122.691	25	3. EBE3	E77
207	Area 5	1/25/2023	76	E76	Blue Gum	1	60	150	0	40	1 Dominan	Fair	http://mdc	Previously '	3. Building	Multi-target on corner critical area					9	Unknown		37.91189	-122.691	15	3. EBE3	E78
208	Area 5	1/25/2023	77	E77	Blue Gum	1	51	160	5	25	2. Codomir	Fair	http://mdc	None	1. Road	At corner r	8	16	16	18	17	9 Unknowr	13	37.91192	-122.691	50	5. EBE5	E79
209	Area 5	1/25/2023	78	E78	Blue Gum	1	47	160	0	25	2. Codomir	Fair	http://mdc	None	1. Road	Trees at co	16	10	14	6	15	9 Unknowr	10	37.91194	-122.691	60	4. EBE4	E80
210	Area 5	1/25/2023	79	E79	Monterey (	6	22	50	0	30	3. Intermec	Poor	http://mdc	Falling Brar	2. Trail		16	9	10	14	18	9 Unknowr	19	37.91183	-122.691	15	4. EBE4	E82
211	Area 5	1/25/2023	80	E80	Monterey (	6	20	70	0	20	4. Suppress	Good	http://mdc	Falling Brar	1. Road		19	6			9	Unknown		37.91183	-122.691	30	3. EBE3	F60
212	Area 5	1/25/2023	82	E82	Blue Gum	7	25	135	0	20	2. Codomir	Fair	http://mdc	Falling Brar	0. None	Windfall in	8	6	12		9	Unknown		37.91182	-122.691	20	7. HiF03	F61
213	Area 5	1/25/2023	60	F60	Blue Gum	3	20	140	0	20	2. Codomir	Fair	http://mdc	Falling Brar	0. None		12	13	15	12	16	9 Unknowr	10	37.91146	-122.691	15	1. EBE1	F97
214	Area 5	1/25/2023	61	F61	Blue Gum	1	28	160	0	20	2. Codomir	Fair	http://mdc	None	0. None	NOTE also (	12	10	10	6	12	1 Yes Butte	15	37.91146	-122.691	15	2. EBE2	F62
215	Area 5	1/25/2023	97	F97	Blue Gum	7	22	130	0	15	1 Dominan	Good	http://mdc	Falling and	0. None		16	18	9	6	16	9 Unknowr	6	37.9116	-122.691	15	4. EBE4	F99
217	Area 5	1/25/2023	99	F99	Blue Gum	7	25	150	0	10	1 Dominan	Fair	http://mdc	Falling Brar	2. Trail		18	6	10	12	9	Unknown		37.9115	-122.691	15	2. EBE2	G78
218	Area 5	1/25/2023	78	G78	Blue Gum	5	20	148	0	15	2. Codomir	Good	http://mdc	Falling Brar	2. Trail		16	18		8	7	9 Unknowr	10	37.91136	-122.691	20	2. EBE2	B404
219	Area 5	1/25/2023	404	A404	Blue Gum	7	24	140	0	20	2. Codomir	Good	http://mdc	None	0. None						9	Unknown		37.91143	-122.691	40	2. EBE2	F93
220	Area 5	1/25/2023	93	F93	Blue Gum	1	31	140	0	25	1 Dominan	Good		None	0. None		8				9	Unknown		37.91132	-122.691	40	3. EBE3	F10
221	Area 5	1/25/2023	10	F10	Blue Gum	2	36	140	0	40	1 Dominan	Good	http://mdc	Falling Brar	0. None		8	10	18	18	12	9 Unknowr	18	37.91122	-122.691	40	3. EBE3	F64
222	Area 5	1/25/2023	64	F64	Blue Gum	7	36	130	0	30	1 Dominan	Good	http://mdc	Falling Brar	0. None	Tree 2 is a (	12				9	Unknown		37.91128	-122.691	30	2. EBE2	F65
223	Area 5	1/25/2023	65	F65	Blue Gum	2	36	130	0	25	2. Codomir	Fair	http://mdc	Falling Brar	0. None		10	12			9	Unknown		37.91118	-122.691	50	2. EBE2	F66
224	Area 5	1/25/2023	66	F66	Blue Gum	3	27	150	0	40	1 Dominan	Good	http://mdc	None	2. Trail						9	Unknown		37.91129	-122.691	25	4. EBE4	F72
225	Area 5	1/25/2023	72	F72	Blue Gum	1	20	140	0	20	2. Codomir	Fair		None	2. Trail	Next to 73(	10	6	19		9	Unknown		37.9112	-122.691	50	4. EBE4	F63
226	Area 5	1/25/2023	63	F63	Blue Gum	4	20	140	0	25	2. Codomir	Fair	http://mdc	None	2. Trail						9	Unknown		37.91121	-122.691	25	5. EBE5	F71
227	Area 5	1/25/2023	71	F71	Blue Gum	1	24	145	0	25	1 Dominan	Good	http://mdc	Falling Brar	2. Trail						9	Unknown		37.91121	-122.691	20	2. EBE2	F70

228	Area 5	1/25/2023	70	F70	Blue Gum	1	20	150	0	20	2. Codomir	Poor	http://mdc	Falling Brar	1. Road					9	Unknown		37.91121	-122.691	1	2. EBE2	F68
229	Area 5	1/25/2023	68	F68	Blue Gum	1	22	90	100	5	3. Intermec	Poor	http://mdc	Falling and	1. Road					9	Unknown		37.91121	-122.691	40	3. EBE3	F91
230	Area 5	1/25/2023	91	F91	Blue Gum	1	29	150	0	45	1 Dominan	Poor	http://mdc	None	1. Road	Big tree at corner				9	Unknown		37.91121	-122.691	50	4. EBE4	F82
231	Area 5	1/25/2023	82	F82	Blue Gum	1	58	160	0	60	1 Dominan	Good	http://mdc	Previously ˙	1. Road					9	Unknown		37.91121	-122.691	20	4. EBE4	F85
232	Area 5	1/25/2023	85	F85	Blue Gum	1	53	125	0	20	3. Intermec	Poor	http://mdc	Previously ˙	1. Road					9	Unknown		37.91177	-122.69	20	3. EBE3	F889
233	Area 5	1/25/2023	889	F889	Blue Gum	1	54	155	0	50	1 Dominan	Poor	http://mdc	Previously ˙	1. Road					9	Unknown		37.91174	-122.69	25	3. EBE3	F96
234	Area 5	1/25/2023	96	F96	Blue Gum	1	53	160	0	50	1 Dominan	Poor	http://mdc	Previously ˙	1. Road	Dropping branches and shuttingbark too				9	Unknown		37.91167	-122.69	50	2. EBE2	F18
235	Area 5	1/25/2023	18	F18	Blue Gum	1	59	160	0	50	1 Dominan	Poor	http://mdc	Previously ˙	1. Road	Trees were probably topped but unsure				9	Unknown		37.91161	-122.69	10	2. EBE2	F12
236	Area 5	1/25/2023	12	F12	Blue Gum	1	55	170	10	10	2. Codomir	Poor	http://mdc	Previously ˙	1. Road	Broken top	10			9	Unknown		37.91157	-122.69	5	2. EBE2	F665
237	Area 5	1/25/2023	665	F665	Blue Gum	2	38	100	25	10	3. Intermec	Poor	http://mdc	Falling Brar	1. Road					9	Unknown		37.91158	-122.69	20	2. EBE2	F866
238	Area 5	1/25/2023	866	F866	Blue Gum	1	38	170	10	15	2. Codomir	Poor	http://mdc	Previously ˙	1. Road					9	Unknown		37.91169	-122.69	5	3. EBE3	F860
239	Area 5	1/25/2023	860	F860	Blue Gum	1	33	60	50	10	3. Intermec	Poor	http://mdc	Falling Brar	1. Road					9	Unknown		37.91156	-122.69	15	2. EBE2	F88
240	Area 5	1/25/2023	88	F88	Blue Gum	1	55	170	0	20	2. Codomir	Poor	http://mdc	Previously ˙	1. Road					9	Unknown		37.91153	-122.69	10	3. EBE3	F89
241	Area 5	1/25/2023	89	F89	Blue Gum	1	33	120	0	10	3. Intermec	Poor	http://mdc	Falling Brar	2. Trail					9	Unknown		37.91177	-122.691	50	2. EBE2	H01
242	Area 5	1/26/2023	1	H01	Blue Gum	1	25	160	0	50	1 Dominan	Good	http://mdc	None	0. None					9	Unknown		37.91173	-122.69	25		H02
243	Area 5	1/26/2023	2	H02	Blue Gum	1	43	170	0	40	1 Dominan	Good	http://mdc	Falling Brar	2. Trail					9	Unknown		37.91152	-122.69	10	1. EBE1	H99
244	Area 5	1/26/2023	99	H99	Blue Gum	1	20	130	0	5	2. Codomir	Poor		Falling Brar	2. Trail					9	Unknown		37.91155	-122.69	25	1. EBE1	H08
245	Area 5	1/26/2023	8	H08	Blue Gum	1	20	130	0	25	2. Codomir	Fair	http://mdc	Falling Brar	2. Trail					9	Unknown		37.91156	-122.69	25	2. EBE2	H03
246	Area 5	1/26/2023	3	H03	Blue Gum	1	31	150	0	25	2. Codomir	Fair		Falling Brar	2. Trail					9	Unknown		37.91146	-122.69	25	3. EBE3	H07
247	Area 5	1/26/2023	7	H07	Blue Gum	3	25	150	0	25	2. Codomir	Fair		None	2. Trail					9	Unknown		37.91157	-122.69	15	4. EBE4	H04
248	Area 5	1/26/2023	4	H04	Blue Gum	1	23	145	0	10	2. Codomir	Poor	http://mdc	Falling Brar	0. None		15	8		9	Unknown		37.91158	-122.69	10	4. EBE4	H05
249	Area 5	1/26/2023	5	H05	Blue Gum	3	24	130	0	5	2. Codomir	Poor		Falling Brar	0. None					9	Unknown		37.91149	-122.69	10	4. EBE4	H06
250	Area 5	1/26/2023	6	H06	Blue Gum	1	31	150	0	20	1 Dominan	Fair		None	0. None					9	Unknown		37.91148	-122.69	5	3. EBE3	H90
251	Area 5	1/26/2023	90	H90	Blue Gum	6	20	140	0	5	2. Codomir	Poor	http://mdc	Falling Brar	0. None		10	12	16	18	58	9 Unknowr	14	37.91145	-122.69	30	5. EBE5	H94
252	Area 5	1/26/2023	94	H94	Blue Gum	7	23	140	0	30	2. Codomir	Fair		Falling Brar	0. None					9	Unknown		37.9114	-122.691	10	4. EBE4	H61
253	Area 5	1/26/2023	61	H61	Blue Gum	2	20	140	0	10	2. Codomir	Poor	http://mdc	Falling Brar	2. Trail		8	13			9	Unknown		37.91137	-122.691	10	4. EBE4	H48
254	Area 5	1/26/2023	48	H48	Blue Gum	3	27	130	0	25	2. Codomir	Poor		Falling Brar	0. None		8	18	18	15	9	Unknown		37.91135	-122.691	10	4. EBE4	H152
255	Area 5	1/26/2023	152	H152	Blue Gum	5	21	140	0	5	2. Codomir	Poor		None	0. None		6	7	6	6	6	9 Unknown		37.91138	-122.69	15	4. EBE4	H98
256	Area 5	1/26/2023	98	H98	Blue Gum	6	21	140	0	20	1 Dominan	Fair	http://mdc	None	0. None		8	10	14	6	12	9 Unknowr	8	37.91132	-122.69	10	4. EBE4	H00
257	Area 5	1/26/2023	0	H00	Blue Gum	7	25	140	0	5	2. Codomir	Poor	http://mdc	None	2. Trail					9	Unknown		37.9115	-122.69	10	2. EBE2	H09
258	Area 5	1/26/2023	9	H09	Blue Gum	1	20	140	0	5	2. Codomir	Poor		Falling Brar	2. Trail					9	Unknown		37.91143	-122.69	20	2. EBE2	H10
259	Area 5	1/26/2023	10	H10	Blue Gum	1	28	150	0	20	1 Dominan	Fair		Falling Brar	0. None		6	8			9	Unknown		37.91131	-122.69	15	4. EBE4	H11
260	Area 5	1/26/2023	11	H11	Blue Gum	3	30	150	0	20	1 Dominan	Fair	http://mdc	Falling Brar	0. None		14	8			9	Unknown		37.91124	-122.69	15	6. EBE6	H12
261	Area 5	1/26/2023	12	H12	Blue Gum	3	28	150	0	20	2. Codomir	Fair	http://mdc	Falling Brar	0. None		6				9	Unknown		37.91113	-122.691	50	5. EBE5	H13
262	Area 5	1/26/2023	13	H13	Blue Gum	2	22	135	0	20	2. Codomir	Poor		Falling Brar	0. None		8	11			9	Unknown		37.91124	-122.69	10	3. EBE3	H14
263	Area 5	1/26/2023	14	H14	Blue Gum	3	23	150	0	25	1 Dominan	Fair		None	0. None		8	8	8	9	18	9 Unknowr	10	37.9111	-122.691	20	3. EBE3	H15
264	Area 5	1/26/2023	15	H15	Monterey (	7	34	135	0	30	2. Codomir	Fair	http://mdc	Falling Brar	2. Trail		19	11			9	Unknown		37.91115	-122.691	30	3. EBE3	H16
265	Area 5	1/26/2023	16	H16	Blue Gum	3	23	135	0	20	2. Codomir	Fair	http://mdc	Falling Brar	2. Trail		6	12	10		9	Unknown		37.91112	-122.691	50	4. EBE4	H17
266	Area 5	1/26/2023	17	H17	Blue Gum	4	23	140	0	40	1 Dominan	Good		None	2. Trail		14	12	9	10	8	9 Unknowr	15	37.91121	-122.691	15	4. EBE4	H18
267	Area 5	1/26/2023	18	H18	Blue Gum	7	22	140	0	15	2. Codomir	Fair		None	2. Trail		15	15	16	12	16	9 Unknowr	10	37.91103	-122.691	30	3. EBE3	H19
268	Area 5	1/26/2023	19	H19	Blue Gum	1	21	140	0	30	1 Dominan	Good	http://mdc	Falling Brar	0. None		8	8	6		9	Unknown		37.91126	-122.691	10	3. EBE3	H862
269	Area 5	1/26/2023	862	H862	Blue Gum	4	22	75	25	10	3. Intermec	Poor	http://mdc	None	0. None						9	Unknown		37.91133	-122.691	15	3. EBE3	H20
270	Area 5	1/26/2023	20	H20	Blue Gum	1	22	140	0	15	1 Dominan	Poor		Falling Brar	2. Trail		10	15	18	18	8	9 Unknowr	8	37.91134	-122.69	15	2. EBE2	H21
271	Area 5	1/26/2023	21	H21	Blue Gum	7	29	160	0	15	1 Dominan	Fair	http://mdc	Falling Brar	2. Trail		11	8	16		9	Unknown		37.9114	-122.69	20	3. EBE3	H22
272	Area 5	1/26/2023	22	H22	Blue Gum	4	36	160	0	30	1 Dominan	Fair		None	2. Trail						9	Unknown		37.91146	-122.69	10	2. EBE2	H23
273	Area 5	1/26/2023	23	H23	Blue Gum	1	20	140	0	10	2. Codomir	Poor	http://mdc	Falling Brar	0. None		8	13	15	15	15	9 Unknown		37.91117	-122.69	40	2. EBE2	H24
274	Area 5	1/26/2023	24	H24	Blue Gum	6	33	160	0	30	1 Dominan	Fair		Falling Brar	0. None		12	7			9	Unknown		37.91112	-122.69	20	4. EBE4	H25
275	Area 5	1/26/2023	25	H25	Blue Gum	3	28	150	0	25	2. Codomir	Fair	http://mdc	Falling Brar	2. Trail						9	Unknown		37.91113	-122.69	25	3. EBE3	H58
276	Area 5	1/26/2023	58	H58	Blue Gum	1	23	130	0	25	2. Codomir	Fair	http://mdc	Falling Brar	2. Trail	Ivy	14	15	12	19	9	Unknown		37.91122	-122.69	10	3. EBE3	H40
277	Area 5	1/26/2023	40	H40	Blue Gum	5	31	160	0	10	1 Dominan	Fair		None	2. Trail		8				9	Unknown		37.91128	-122.69	10	2. EBE2	H81
278	Area 5	1/26/2023	81	H81	Blue Gum	2	22	90	0	10	3. Intermec	Poor	http://mdc	None	2. Trail						9	Unknown		37.9113	-122.69	10	2. EBE2	H45
279	Area 5	1/26/2023	45	H45	Blue Gum	1	27	160	0	15	2. Codomir	Poor	http://mdc	None	0. None						9	Unknown		37.91108	-122.69	50	3. EBE3	H26
280	Area 5	1/26/2023	26	H26	Blue Gum	1	38	160	0	55	1 Dominan	Good		Falling Brar	0. None						9	Unknown		37.91105	-122.69	40	3. EBE3	H27
281	Area 5	1/26/2023	27	H27	Blue Gum	1	41	125	0	40	3. Intermec	Fair	http://mdc	Falling Brar	2. Trail	HAZARD tree hung up in neighbor.					9	Unknown		37.91107	-122.69	25	3. EBE3	H28
282	Area 5	1/26/2023	28	H28	Blue Gum	1	39	160	0	30	1 Dominan	Poor	http://mdc	None	2. Trail		16	14			9	Unknown		37.9111	-122.69	15	4. EBE4	H29
283	Area 5	1/26/2023	29	H29	Blue Gum	3	29	160	0	25	1 Dominan	Good	http://mdc	Falling Brar	2. Trail		16				9	Unknown		37.9112	-122.69	20	2. EBE2	H30
284	Area 5	1/26/2023	30	H30	Blue Gum	2	36	160	0	25	1 Dominan	Fair	http://mdc	Falling Brar	0. None						9	Unknown		37.91106	-122.69	15	2. EBE2	H31
285	Area 5	1/26/2023	31	H31	Blue Gum	1	27	80	0	15	3. Intermec	Poor	http://mdc	Falling Brar	2. Trail						9	Unknown		37.91112	-122.69	30	1. EBE1	H33
286	Area 5	1/26/2023	33	H33	Blue Gum	1	31	160	0	12	2. Codomir	Fair		Falling Brar	0. None						9	Unknown		37.9111	-122.69	15	2. EBE2	H34
287	Area 5	1/26/2023	34	H34	Blue Gum	1	30	130	0	20	3. Intermec	Poor	http://mdc	Falling Brar	2. Trail						9	Unknown		37.9112	-122.69	20	2. EBE2	H35
288	Area 5	1/26/2023	35	H35	Blue Gum	1	40	170	0	20	1 Dominan	Good		None	0. None						9	Unknown		37.91109	-122.69	25	2. EBE2	H36
289	Area 5	1/26/2023	36	H36	Blue Gum	1	38	170	0	25	1 Dominan	Good	http://mdc	Falling Brar	2. Trail		16				9	Unknown		37.91109	-122.69	15	3. EBE3	H37
290	Area 5	1/26/2023	37	H37	Blue Gum	2	41	155	0	20	2. Codomir	Fair	http://mdc	Falling Brar	2. Trail						9	Unknown		37.91108	-122.69	30	2. EBE2	H38
291	Area 5	1/26/2023	38	H38	Blue Gum	1	27	150	0	25	2. Codomir	Fair		Falling Brar	2. Trail						9	Unknown		37.91101	-122.69	20	2. EBE2	H39
292	Area 5	1/26/2023	39	H39	Blue Gum	1	33	160	0	20	2. Codomir	Fair	http://mdc	None	0. None	6-in is a Do	6	16	8		9	Unknown		37.91078	-122.69	20	1. EBE1	H41
293	Area 5	1/26/2023	41	H41	Blue Gum	4	27	150	0	30	1 Dominan	Good	http://mdc	Falling Brar	0. None						9	Unknown		37.91088	-122.69	30	4. EBE4	H42
294	Area 5	1/26/2023	42	H42	Blue Gum	1	30	140	0	40	1 Dominan	Good	http://mdc	Falling Brar	0. None		15				9	Unknown		37.91102	-122.69	30	1. EBE1	J45
295	Area 5	1/26/2023	45	J45	Blue Gum	2	28	130	0	40	1 Dominan	Good	http://mdc	None	0. None						9	Unknown		37.91106	-122.69	30	2. EBE2	H43
296	Area 5	1/26/2023	43	H43	Blue Gum	1	25	140	0	25	1 Dominan	Fair	http://mdc	None	0. None						9	Unknown		37.91102	-122.691	50	1. EBE1	H44
297	Area 5	1/26/2023	44	H44	Blue Gum	1	21	120	0	25	2. Codomir	Good	http://mdc	Falling Brar	0. None		16				9	Unknown		37.91099	-122.69	30	1. EBE1	H32
298	Area 5	1/26/2023	32	H32	Blue Gum	2	47	120	0	30	1 Dominan	Fair		None	1. Road						9	Unknown		37.91103	-122.69	15	2. EBE2	J99
299	Area 5	1/26/2023	99	J99	Blue Gum	1	33	140	0	25	2. Codomir	Fair		None	1. Road						9	Unknown		37.9111	-122.69	20	4. EBE4	H47
300	Area 5	1/26/2023	47	H47	Blue Gum	1	52	160	0	40	1 Dominan	Good	http://mdc	Falling Brar	0. None						9	Unknown		37.91131	-122.69	20	2. EBE2	H46
301	Area 5	1/26/2023	46	H46	Blue Gum	1	34	180	0	20	1 Dominan	Fair	http://mdc	Falling Brar	1. Road	Tree leaning over road					9	Unknown		37.91123	-122.69	30	4. EBE4	J40
302	Area 5	1/26/2023	40	J40	Blue Gum	1	30	80	0	30	3. Intermec	Poor	http://mdc	Previously ˙	1. Road	Tree along road					9	Unknown		37.91136	-122.69	30	5. EBE5	J01

303	Area 5	1/26/2023	1	J01	Blue Gum	1	60	120	0	30	5. Topped	Poor	http://mdc	Previously ˙	1. Road	Heavy debris alongside road at base of eucalyptus trees					9	Unknown	37.91145	-122.69	10	5. EBE5	H85
304	Area 5	1/26/2023	85	H85	Blue Gum	1	52	110	0	10	3. Intermec	Poor	http://mdc	Previously ˙	1. Road	3947 mixup fixed tg					9	Unknown	37.91148	-122.69	30	4. EBE4	J49
305	Area 5	1/26/2023	49	J49	Blue Gum	1	48	195	0	50	1 Dominan	Good	http://mdc	Previously ˙	1. Road	Create a long road huge branch hanging over trail					9	Unknown	37.91144	-122.69	50	4. EBE4	J37
306	Area 5	1/26/2023	37	J37	Blue Gum	1	48	170	0	50	2. Codomir	Poor	http://mdc	Previously ˙	1. Road	Leans over road					9	Unknown	37.91152	-122.69	15	4. EBE4	H50
307	Area 5	1/26/2023	50	H50	Blue Gum	1	61	175	0	20	2. Codomir	Poor	http://mdc	Previously ˙	1. Road	Largest tree probably plus is the best					9	Unknown	37.91149	-122.69	30	4. EBE4	J00
308	Area 5	1/26/2023	0	J00	Blue Gum	1	79	190	0	60	1 Dominan	Good	http://mdc	None	1. Road						9	Unknown	37.91114	-122.69	80	3. EBE3	H55
309	Area 5	1/26/2023	55	H55	Monterey (	1	67	130	0	75	5. Topped	Poor	http://mdc	Previously ˙	1. Road	Five 20-in stems extending from your base					9	Unknown	37.91113	-122.69	50	3. EBE3	H56
310	Area 5	1/26/2023	56	H56	Monterey (	1	72	80	0	35	3. Intermec	Poor	http://mdc	Previously ˙	0. None						9	Unknown	37.91104	-122.69	30	3. EBE3	H57
311	Area 5	1/26/2023	57	H57	Monterey (	1	42	80	0	30	5. Topped	Poor	http://mdc	Previously ˙	1. Road	Measured height tallets trees					9	Unknown	37.91156	-122.69	50	4. EBE4	Hh50
312	Area 5	1/26/2023	51	H51	Blue Gum	1	75	175	0	60	1 Dominan	Fair	http://mdc	Previously ˙	0. None						9	Unknown	37.91096	-122.69	30	4. EBE4	J58
313	Area 5	1/26/2023	58	J58	Monterey (	1	50	95	0	50	3. Intermec	Poor	http://mdc	Previously ˙	1. Road	On road seven stems above					9	Unknown	37.91092	-122.69	50	5. EBE5	H59
314	Area 5	1/26/2023	59	H59	Monterey (	1	81	99	10	50	1 Dominan	Poor	http://mdc	None	1. Road	Leaning into next tree alongside road hazard					9	Unknown	37.91084	-122.69	20	3. EBE3	H64
315	Area 5	1/26/2023	64	H64	Blue Gum	1	20	100	0	20	2. Codomir	Poor	http://mdc	None	0. None	Open grown possibly off property					9	Unknown	37.91041	-122.69	30	6. EBE6	K54
316	Area 5	1/31/2023	54	K54	Blue Gum	1	52	145	0	70	1 Dominan	Good	http://mdc	None	0. None		6	6			9	Unknown	37.91079	-122.69	15	5. EBE5	K205
317	Area 5	1/31/2023	205	K205	Blue Gum	3	23	160	0	20	1 Dominan	Good	http://mdc	None	0. None						9	Unknown	37.91081	-122.69	2	EBE2	K92
318	Area 5	1/31/2023	92	K92	Blue Gum	1	20	156	0	20	2. Codomir	Good		None	1. Road	Edge of sta	14	10	11	19	9	Unknown	37.91074	-122.69	20	4. EBE4	K98
319	Area 5	1/31/2023	98	K98	Blue Gum	5	20	155	0	20	2. Codomir	Good	http://mdc	None	2. Trail						9	Unknown	37.91074	-122.69	20	4. EBE4	K00
320	Area 5	1/31/2023	0	K00	Blue Gum	1	42	155	0	30	1 Dominan	Good	http://mdc	None	0. None		10	10			9	Unknown	37.91055	-122.69	25	3. EBE3	K01
321	Area 5	1/31/2023	1	K01	Blue Gum	3	31	140	0	25	3. Intermec	Good	http://mdc	None	2. Trail						9	Unknown	37.91062	-122.69	40	3. EBE3	K52
322	Area 5	1/31/2023	52	K52	Blue Gum	1	42	155	0	60	1 Dominan	Good	http://mdc	None	2. Trail	In what area at edge of stand					9	Unknown	37.91054	-122.69	30	2. EBE2	K53
323	Area 5	1/31/2023	53	K53	Blue Gum	1	39	150	0	50	1 Dominan	Good	http://mdc	None	2. Trail						9	Unknown	37.91087	-122.69	25	2. EBE2	K66
324	Area 5	1/31/2023	66	K66	Blue Gum	1	24	160	0	25	1 Dominan	Good	http://mdc	Falling Brar	2. Trail						9	Unknown	37.9107	-122.69	30	2. EBE2	K64
325	Area 5	1/31/2023	65	K65	Blue Gum	1	33	160	0	30	1 Dominan	Good	http://mdc	Falling and	2. Trail						9	Unknown	37.91078	-122.69	25	3. EBE3	K62
326	Area 5	1/31/2023	62	K62	Blue Gum	1	46	145	0	20	2. Codomir	Fair	http://mdc	Falling and	2. Trail						9	Unknown	37.91062	-122.69	30	4. EBE4	K61
327	Area 5N	1/31/2023	61	K61	Blue Gum	1	38	160	0	30	2. Codomir	Fair	http://mdc	Falling Brar	2. Trail	Tree leans on adjoining tree remove it					9	Unknown	37.91059	-122.69	25	5. EBE5	K60
328	Area 5	1/31/2023	60	K60	Blue Gum	1	26	100	0	20	3. Intermec	Poor	http://mdc	Falling Brar	2. Trail						9	Unknown	37.91062	-122.69	4	EBE4	K68
329	Area 5	1/31/2023	68	K68	Blue Gum	1	32	150	0	40	2. Codomir	Fair	http://mdc	Falling and	0. None						9	Unknown	37.91067	-122.69	30	4. EBE4	K67
330	Area 5	1/31/2023	67	K67	Blue Gum	1	36	160	0	40	2. Codomir	Fair		Falling Brar	0. None						9	Unknown	37.91071	-122.69	20	2. EBE2	K69
331	Area 5	1/31/2023	69	K69	Blue Gum	1	20	140	0	15	3. Intermec	Fair	http://mdc	Shedding B	0. None						9	Unknown	37.91072	-122.69	30	3. EBE3	K70
332	Area 5N	1/31/2023	70	K70	Blue Gum	1	42	160	0	50	1 Dominan	Good	http://mdc	Previously ˙	3. Building	NOTE 82 in	36	26	28		9	Unknown	37.91242	-122.691	25	3. EBE3	K75
333	Area 5N	1/31/2023	75	K75	Blue Gum	4	32	140	0	60	1 Dominan	Fair	http://mdc	Previously ˙	3. Building	Tree on road bank also road hazard					9	Unknown	37.91243	-122.691	25	3. EBE3	K74
334	Area 5N	1/31/2023	74	K74	Blue Gum	1	40	130	0	25	2. Codomir	Fair	http://mdc	Previously ˙	3. Building	Target also house tree on banking over road					9	Unknown	37.91239	-122.691	50	3. EBE3	K73
335	Area 5N	1/31/2023	73	K73	Blue Gum	1	42	145	0	50	2. Codomir	Fair	http://mdc	Previously ˙	3. Building	Target also road tree on banking					9	Unknown	37.91244	-122.691	20	3. EBE3	K72
336	Area 5N	1/31/2023	72	K72	Blue Gum	1	69	150	10	25	2. Codomir	Poor	http://mdc	Previously ˙	3. Building	Target also road tree on Bank near junction					9	Unknown	37.91249	-122.691	60	2. EBE2	K71
337	Area 5N	1/31/2023	71	K71	Blue Gum	1	60	130	5	50	1 Dominan	Fair	http://mdc	Previously ˙	3. Building	Treon Bank above road also hazard					9	Unknown	37.91249	-122.691	20	3. EBE3	K76
338	Area 5N	1/31/2023	76	K76	Blue Gum	1	40	145	0	25	2. Codomir	Poor	http://mdc	Previously ˙	1. Road	Tree on banking above road					9	Unknown	37.91256	-122.691	30	3. EBE3	K77
339	Area 5N	1/31/2023	77	K77	Blue Gum	1	46	150	0	50	1 Dominan	Fair	http://mdc	Previously ˙	1. Road	4 stems 36 36 36 and 28					9	Unknown	37.91254	-122.691	50	3. EBE3	K78
340	Area 5N	1/31/2023	78	K78	Blue Gum	1	83	150	0	50	1 Dominan	Fair		Previously ˙	1. Road	On banking next to road					9	Unknown	37.91263	-122.691	30	4. EBE4	G80
341	Area 5N	1/31/2023	80	K80	Blue Gum	1	38	125	0	30	3. Intermec	Poor	http://mdc	Falling and	1. Road						9	Unknown	37.91277	-122.691	45	5. EBE5	K03
342	Area 5N	1/31/2023	3	K03	Blue Gum	1	69	160	0	70	1 Dominan	Good		Falling Brar	1. Road	Almost dead					9	Unknown	37.91276	-122.691	1	3. EBE3	K83
343	Area 5N	1/31/2023	83	K83	Blue Gum	1	27	40	60	1	4. Suppress	Poor	http://mdc	Falling Brar	1. Road	Tree hanging over road					9	Unknown	37.91285	-122.691	20	4. EBE4	K84
344	Area 5N	1/31/2023	84	K84	Blue Gum	1	33	100	0	40	3. Intermec	Poor	http://mdc	None	1. Road	Hangs over road					9	Unknown	37.91283	-122.691	25	4. EBE4	K85
345	Area 5N	1/31/2023	85	K85	Blue Gum	2	37	150	0	1	Dominan	Fair	http://mdc	Previously ˙	1. Road	Tree at corner of Stand on road					9	Unknown	37.9128	-122.691	50	4. EBE4	K86
346	Area 5N	1/31/2023	86	K86	Blue Gum	1	61	130	0	50	2. Codomir	Poor	http://mdc	Falling Brar	3. Building	Large tree in yard could threaten building in blowdown					9	Unknown	37.91259	-122.691	50	3. EBE3	K81
347	Area 5N	1/31/2023	81	K81	Blue Gum	1	67	160	0	70	1 Dominan	Good	http://mdc	None	0. None	Large tree in yard					9	Unknown	37.91259	-122.691	25	2. EBE2	G82
348	Area 5N	1/31/2023	82	K82	Blue Gum	1	61	145	0	50	2. Codomir	Fair	http://mdc	Previously ˙	3. Building	P very large tree covered in ivy big rot in center					9	Unknown	37.91217	-122.691	60	4. EBE4	K87
349	Area 5N	1/31/2023	87	K87	Blue Gum	1	140	170	50	70	1 Dominan	Fair	http://mdc	Previously ˙	3. Building	Also road hazard					9	Unknown	37.91206	-122.691	20	2. EBE2	K88
350	Area 5N	1/31/2023	88	K88	Blue Gum	1	38	88	10	10	3. Intermec	Poor	http://mdc	Previously ˙	3. Building	Hazard also road					9	Unknown	37.91213	-122.691	10	4. EBE4	K89
351	Area 5N	1/31/2023	89	K89	Blue Gum	1	40	88	20	10	3. Intermec	Poor	http://mdc	Previously ˙	3. Building	Also road hazard treat a long road					9	Unknown	37.9121	-122.691	20	4. EBE4	K90
352	Area 5N	1/31/2023	90	K90	Blue Gum	1	54	135	0	50	1 Dominan	Fair	http://mdc	None	3. Building	Also road hazard					9	Unknown	37.91206	-122.692	25	4. EBE4	L91
353	Area 5N	1/31/2023	91	L91	Blue Gum	1	56	155	0	50	1 Dominan	Good	http://mdc	None	1. Road	Covered in vines English ivy					9	Unknown	37.91199	-122.692	10	2. EBE2	L92
354	Area 5N	1/31/2023	92	L92	Blue Gum	1	33	100	0	10	3. Intermec	Poor	http://mdc	None	1. Road	In row along road					9	Unknown	37.91201	-122.692	5	2. EBE2	L93
355	Area 5N	1/31/2023	93	L93	Blue Gum	1	27	60	0	5	3. Intermec	Poor	http://mdc	Falling Brar	1. Road	Buildings nearby also					9	Unknown	37.91202	-122.692	35	2. EBE2	L94
356	Area 5N	1/31/2023	94	L94	Blue Gum	1	54	135	0	50	1 Dominan	Fair	http://mdc	None	1. Road						9	Unknown	37.91192	-122.692	30	2. EBE2	L96
357	Area 5N	1/31/2023	96	L96	Blue Gum	1	63	130	0	10	2. Codomir	Poor	http://mdc	Falling Brar	1. Road						9	Unknown	37.91208	-122.692	30	2. EBE2	L97
358	Area 5N	1/31/2023	97	L97	Blue Gum	1	57	150	0	55	1 Dominan	Good		Previously ˙	1. Road	Tree Dead top removed					9	Unknown	37.91192	-122.692	1	2. EBE2	L98
359	Area 5N	1/31/2023	98	L98	Blue Gum	1	25	24	50	1	5. Topped	Poor	http://mdc	None	0. None	Dead					9	Unknown	37.91193	-122.692	0	3. EBE3	L99
360	Area 5N	1/31/2023	99	L99	Blue Gum	1	37	48	100	0	4. Suppress	Poor	http://mdc	Previously ˙	1. Road	Vines galore English ivy					9	Unknown	37.9118	-122.692	10	4. EBE4	
361	Area 5N	2/7/2023	3	M03	Blue Gum	1	26	124	10	20	3. Intermec	Poor	http://mdc	Previously ˙	1. Road						9	Unknown	37.91179	-122.692	20	4. EBE4	
362	Area 5N	2/7/2023	2	M02	Blue Gum	1	72	140	0	60	1 Dominan	Good	http://mdc	Previously ˙	1. Road		6	6			9	Unknown	37.91181	-122.692	15	4. EBE4	
363	Area 5N	2/7/2023	1	M01	Blue Gum	3	53	140	0	25	2. Codomir	Poor	http://mdc	Falling Brar	1. Road		8	8			9	Unknown	37.91184	-122.692	5	3. EBE3	
364	Area 5N	2/7/2023	0	M00	Blue Gum	3	30	130	0	10	3. Intermec	Poor	http://mdc	None	3. Building	Not likely t	16				9	Unknown	37.91226	-122.692	35	1. EBE1	
365	Area 5N	2/7/2023	4	M04	Blue Gum	2	42	160	0	40	1 Dominan	Good	http://mdc	None	0. None		10	10	10	12	16	9 Unknowr	14	37.91213	-122.692	15	3. EBE3	
366	Area 5N	2/7/2023	5	M05	Blue Gum	7	32	160	0	15	2. Codomir	Good	http://mdc	None	3. Building		12				9	Unknown	37.91216	-122.692	30	3. EBE3	
367	Area 5N	2/7/2023	6	M06	Blue Gum	2	31	155	0	40	2. Codomir	Fair	http://mdc	None	3. Building	Vines					9	Unknown	37.91222	-122.692	20	2. EBE2	
368	Area 5N	2/7/2023	7	M07	Monterey F	1	30	90	0	20	2. Codomir	Fair	http://mdc	None	3. Building	Remove Vi	30				9	Unknown	37.91224	-122.692	40	2. EBE2	
369	Area 5N	2/7/2023	8	M08	Monterey F	2	36	90	0	40	1 Dominan	Fair	http://mdc	None	3. Building	Remove m	19				9	Unknown	37.91221	-122.692	30	3. EBE3	
370	Area 5N	2/7/2023	9	M09	Blue Gum	2	22	120	0	30	2. Codomir	Fair	http://mdc	Falling Brar	3. Building		6				9	Unknown	37.91221	-122.692	30	3. EBE3	
371	Area 5N	2/7/2023	12	M12	Blue Gum	2	40	150	0	40	1 Dominan	Good	http://mdc	Falling Brar	3. Building		9				9	Unknown	37.91207	-122.692	25	4. EBE4	
372	Area 5N	2/7/2023	13	M13	Blue Gum	2	39	160	0	30	1 Dominan	Good	http://mdc	Falling Brar	3. Building		12				9	Unknown	37.91211	-122.692	20	3. EBE3	
373	Area 5N	2/7/2023	14	M14	Blue Gum	2	34	160	0	25	2. Codomir	Poor	http://mdc	Falling Brar	3. Building	Target also	8	8	12	6	9	Unknown	37.91199	-122.692	10	2. EBE2	
374	Area 5N	2/7/2023	15	M15	Blue Gum	5	51	150	0	30	2. Codomir	Fair	http://mdc	None	0. None		11	12			9	Unknown	37.9119	-122.692	20	3. EBE3	
375	Area 5N	2/7/2023	17	M17	Blue Gum	3	24	120	0	20	3. Intermec	Poor	http://mdc	Falling Brar	9. Road and Building						9	Unknown	37.91199	-122.692	30	4. EBE4	
376	Area 5N	2/7/2023	18	M18	Blue Gum	2	50	155	0	40	1 Dominan	Fair	http://mdc	Falling Brar	9. Road and Building		6	14	8		9	Unknown	37.912	-122.692	15	5. EBE5	
377	Area 5N	2/7/2023	19	M19	Blue Gum	4	37	140	0	20	2. Codomir	Fair	http://mdc	Falling Brar	9. Road and Building						9	Unknown	37.91195	-122.692	25	5. EBE5	

378	Area 5N	2/7/2023	20	M20	Blue Gum	1	50	150	0	40	1 Dominan	Fair	http://mdc	None	1. Road	Clean heav	18	16	6		6	9 Unknowr	6	37.91183	-122.693	10	5. EBE5
379	Area 5N	2/7/2023	21	M21	Blue Gum	7	23	140	0	10	2. Codomir	Fair	http://mdc	Falling Brar	1. Road		6	12	12	14	6	9 Unknowr	14	37.91172	-122.693	20	5. EBE5
380	Area 5N	2/7/2023	23	M23	Blue Gum	7	40	150	0	30	1 Dominan	Fair	http://mdc	Falling Brar	1. Road	Next to wir	6	10	18	17	6	9 Unknowr	6	37.91175	-122.693	15	6. EBE6
381	Area 5N	2/7/2023	24	M24	Blue Gum	7	29	145	0	20	2. Codomir	Fair	http://mdc	Falling Brar	1. Road		16	6	6	14	7	9 Unknowr	14	37.91182	-122.693	30	5. EBE5
382	Area 5N	2/7/2023	25	M25	Blue Gum	7	33	150	0	30	2. Codomir	Fair	http://mdc	Falling Brar	1. Road	Photo is of	6	14	6	6	8	9 Unknowr	14	37.91179	-122.693	20	6. EBE6
383	Area 5N	2/7/2023	26	M26	Blue Gum	7	29	145	0	20	2. Codomir	Fair	http://mdc	Falling Brar	1. Road		10	6	11		9	Unknown		37.91181	-122.693	40	5. EBE5
384	Area 5N	2/7/2023	27	M27	Blue Gum	4	40	150	0	50	1 Dominan	Fair	http://mdc	Falling Brar	1. Road		6	8	6		9	Unknown		37.91203	-122.693	15	5. EBE5
385	Area 5N	2/7/2023	29	M29	Blue Gum	4	28	150	0	20	2. Codomir	Poor	http://mdc	Falling Brar	1. Road		6	6	10	12	14	9 Unknowr	11	37.91199	-122.693	20	6. EBE6
386	Area 5N	2/7/2023	30	M30	Blue Gum	7	34	145	0	25	2. Codomir	Fair	http://mdc	Falling Brar	1. Road		11				9	Unknown		37.91204	-122.693	20	4. EBE4
387	Area 5N	2/7/2023	31	M31	Blue Gum	2	20	160	0	20	2. Codomir	Fair	http://mdc	Falling Brar	0. None		11				9	Unknown		37.91196	-122.693	25	5. EBE5
388	Area 5N	2/7/2023	32	M32	Blue Gum	2	31	160	0	30	1 Dominan	Good	http://mdc	None	0. None	Heavy fuels throughout area	6				9	Unknown		37.91202	-122.693	25	5. EBE5
389	Area 5N	2/7/2023	33	M33	Blue Gum	1	30	160	0	20	2. Codomir	Fair	http://mdc	Previously '	9. Road and	Triple stem	25	26			9	Unknown		37.91209	-122.693	25	3. EBE3
390	Area 5N	2/7/2023	34	M34	Blue Gum	3	24	150	0	40	2. Codomir	Poor	http://mdc	Falling Brar	9. Road and	Building	16				9	Unknown		37.91205	-122.693	25	3. EBE3
391	Area 5N	2/7/2023	35	M35	Blue Gum	2	32	155	0	30	1 Dominan	Fair	http://mdc	Previously '	9. Road and	Road is driv	16	8	8	6	9	Unknown		37.91207	-122.693	30	2. EBE2
392	Area 5N	2/7/2023	36	M36	Blue Gum	5	27	150	0	40	1 Dominan	Poor	http://mdc	Previously '	9. Road and	Building					9	Unknown		37.91215	-122.693	30	2. EBE2
393	Area 5N	2/7/2023	37	M37	Blue Gum	1	28	150	0	40	1 Dominan	Fair	http://mdc	Falling Brar	1. Road						9	Unknown		37.91202	-122.692	25	2. EBE2
394	Area 5N	2/7/2023	38	M38	Blue Gum	1	28	150	0	25	2. Codomir	Poor	http://mdc	None	0. None	Pine beetle damage					9	Unknown		37.91217	-122.693	30	1. EBE1
395	Area 5N	2/7/2023	41	M41	Monterey F	1	36	110	0	30	2. Codomir	Poor	http://mdc	None	3. Building						9	Unknown		37.9122	-122.693	20	
396	Area 5N	2/7/2023	43	M43	Blue Gum	1	31	115	0	30	2. Codomir	Fair	http://mdc	Falling Brar	3. Building						9	Unknown		37.91226	-122.693	20	1. EBE1
397	Area 5N	2/7/2023	44	M44	Blue Gum	1	27	100	0	20	2. Codomir	Fair	http://mdc	None	3. Building	Three trees	21	22	22		9	Unknown		37.91218	-122.693	25	1. EBE1
398	Area 5N	2/7/2023	45	M45	Monterey F	4	27	80	0	25	2. Codomir	Fair	http://mdc	Falling Brar	0. None	Dead Monterey pine tree					9	Unknown		37.91226	-122.693	0	1. EBE1
399	Area 5N	2/7/2023	46	M46	Monterey F	1	34	85	100	0	2. Codomir	Poor	http://mdc	Falling Brar	0. None	Edge of prc	7				9	Unknown		37.91212	-122.693	60	
400	Area 5N	2/7/2023	47	M47	Blue Gum	2	32	81	0	55	1 Dominan	Good	http://mdc	Falling Brar	1. Road		15				9	Unknown		37.91209	-122.693	20	2. EBE2
401	Area 5N	2/7/2023	48	M48	Blue Gum	2	27	122	0	30	2. Codomir	Fair	http://mdc	None	9. Road and	Remove Vines		6	6		9	Unknown		37.91204	-122.692	25	3. EBE3
402	Area 5N	2/7/2023	17	N17	Blue Gum	3	40	160	0	30	1 Dominan	Good	http://mdc	Falling Brar	0. None	Near house	10	18	16		9	Unknown		37.91222	-122.693	20	1. EBE1
403	Area 5N	2/7/2023	42	M42	Monterey F	4	29	95	0	25	2. Codomir	Fair	http://mdc	Falling Brar	1. Road						9	Unknown		37.91208	-122.693	20	1. EBE1
404	Area 5N	2/7/2023	49	M49	Blue Gum	1	26	120	0	30	2. Codomir	Fair	http://mdc	Falling Brar	0. None		10				9	Unknown		37.91203	-122.693	40	2. EBE2
405	Area 5N	2/7/2023	51	M51	Blue Gum	2	26	100	0	40	2. Codomir	Poor	http://mdc	Falling Brar	1. Road		10				9	Unknown		37.91204	-122.693	20	1. EBE1
406	Area 5N	2/7/2023	50	M50	Blue Gum	2	25	120	0	20	1 Dominan	Good	http://mdc	None	0. None		13	6	19	7	8	9 Unknowr	6	37.912	-122.693	50	3. EBE3
407	Area 5N	2/7/2023	52	M52	Blue Gum	7	27	105	0	30	1 Dominan	Good	http://mdc	None	1. Road		9	8			9	Unknown		37.91186	-122.693	25	5. EBE5
408	Area 5N	2/7/2023	53	M53	Blue Gum	3	37	155	0	30	1 Dominan	Good	http://mdc	None	1. Road						9	Unknown		37.91182	-122.693	10	3. EBE3
409	Area 5N	2/7/2023	54	M54	Blue Gum	1	27	135	0	30	2. Codomir	Poor	http://mdc	Previously '	1. Road						9	Unknown		37.91188	-122.693	25	3. EBE3
410	Area 5N	2/7/2023	55	M55	Blue Gum	1	27	160	0	15	2. Codomir	Poor		Previously '	1. Road						9	Unknown		37.91187	-122.693	10	3. EBE3
411	Area 5N	2/7/2023	56	M56	Blue Gum	1	22	80	20	10	3. Intermec	Poor	http://mdc	Previously '	0. None						9	Unknown		37.91186	-122.693	25	3. EBE3
412	Area 5N	2/7/2023	57	M57	Blue Gum	1	35	160	0	35	1 Dominan	Fair	http://mdc	Falling Brar	0. None		19	17	10	6	10	9 Unknowr	8	37.91196	-122.693	10	5. EBE5
413	Area 5N	2/7/2023	58	M58	Blue Gum	7	24	150	0	10	1 Dominan	Poor	http://mdc	Falling Brar	0. None		13				9	Unknown		37.91197	-122.693	25	4. EBE4
414	Area 5N	2/7/2023	59	M59	Blue Gum	2	31	120	0	30	2. Codomir	Fair	http://mdc	None	0. None	Leans away	14	14	6	10	10	9 Unknowr	6	37.91196	-122.693	25	6. EBE6
415	Area 5N	2/7/2023	60	M60	Blue Gum	7	36	120	0	30	2. Codomir	Fair	http://mdc	None	1. Road		6	6	10	19	6	9 Unknown		37.9119	-122.693	30	6. EBE6
416	Area 5N	2/7/2023	61	M61	Blue Gum	6	38	150	0	55	1 Dominan	Good	http://mdc	None	1. Road		16	8	10	10	18	9 Unknowr	10	37.91192	-122.693	30	6. EBE6
417	Area 5N	2/7/2023	62	M62	Blue Gum	7	41	157	0	35	1 Dominan	Good															
									3.257282																			