

## Plot Information

Pepperwood Preserve  
TBC3 Long-term Vegetation Monitoring ProjectPlot ID PPW1307 Date 20130208 Samplers HMT, MJR, MNB, HFONotes MIXED OAK WOODLAND w/LOTS OF MADRONE SEEDLING/SAPLINGS

## GPS Coordinates - Plot Corners

Southwest Reference	Northwest Reference	Northeast Reference	Southeast Reference
UTM-E: <u>525888</u>	UTM-E: <u>525894</u>	UTM-E: <u>525911</u>	UTM-E: <u>525906</u>
UTM-N: <u>4270608</u>	UTM-N: <u>4270680</u>	UTM-N: <u>4270673</u>	UTM-N: <u>4270657</u>

Pictures? (check if complete) ☒ Slope 28.5 Aspect 46°

Quads Completed: ALL

Start Tag: 1108 End Tag: \_\_\_\_\_

Soil Depth (cm)

B2SW- >2m B4SW- >2m D2SW- 72m D4SW- >2m

C2SW(center)- 151cm

Environmental Notes: game trail through plot

Quad	% Bedrock	% Soil	% Boulder	% Fine	% Herb	% Litter	Total	Notes
A1	Ø	5	Ø	Ø	10	80	95	5% TREE
A2	Ø	5	Ø	Ø	5	85	95	5% TREE TRUNK
A3	Ø	1	Ø	Ø	15	80	96	
A4	Ø	1	Ø	Ø	45	55	101	~10% tree trunk
B1	Ø	1	Ø	Ø	1	95	97	~3% DOWNED LOG
B2	Ø	1	Ø	Ø	5	95	100	
B3	Ø	Ø	Ø	Ø	25	65	90	~10% PSMC TREE
B4	Ø	1	Ø	Ø	60	40	101	
C1	Ø	1	Ø	Ø	10	90	101	INCL. LITTER ~20% DOWN TREE
C2	Ø	5	Ø	Ø	25	70	100	
C3	Ø	Ø	Ø	Ø	35	65	100	opening
C4	Ø	1	Ø	Ø	45	55	101	opening
D1	Ø	3	Ø	Ø	20	80	103	~40% PLOT COVERED BY LOGS - LITTER
D2	Ø	10	Ø	Ø	5	75	90	~10% TREE TRUNKS
D3	Ø	10	Ø	Ø	25	55	90	~10% TREE TRUNK
D4	Ø	Ø	Ø	Ø	35	65	100	

## Woody Vegetation

Pepperwood Preserve  
TBC3 Long-term Vegetation Monitoring Project

Plot

ID PPW 1507

Sampler(s) MMT, MFO, MNB, MJK

Date 2013.02.08

Notes

NEED ONE MORE T-POST, NEED METAL SILVER TAGS

Quad	Type	Tree Tag No.	Species	Confidence	Dead/ Stump	SA Height (cm)	SA BD (cm)	SA Branch #	DBH (cm)	X (cm)	Y (cm)	Notes
A1	SA TR TS	1109	ARBUMEN	1	-	74.0	1.17	2	-	421 <sup>-127</sup>	72 <sup>-158</sup>	CLAMP
A1	SA TR TS	1108	ARBUMEN	1	-	-	-	-	12.2	353 <sup>-184</sup>	332	
A2	SA TR TS	1111	QUERUS	1	-	72	0.65	1		374 <sup>-184</sup>	177	
	SA TR TS	1110.0	ARBUMEN	1	-	-	-		42.8	275 <sup>-225</sup>	186	MEASURED AT 25 CM
	SA TR TS	1110.2	ARBUMEN	1	-	-	-		30.55	275	186	
	SA TR TS	1110.1	ARBUMEN	1	-	-	-		26.85	275	186	
A3	SA TR TS	1112.0	ARBUMEN	1	-	-	-		22.10	274	39	
	SA TR TS	1112.1	ARBUMEN	1	-	101	1.46	1	-	274 <sup>-221</sup>	39	
	SA TR TS	1114	ARBUMEN	1	-	57	1.16	1	-	279 <sup>-202</sup>	332 <sup>-91</sup>	
	SA TR TS	1115	ARBUMEN	1	-	84	1.61	1	-	298 <sup>-202</sup>	449	
	SA TR TS	1116	ARBUMEN	1	-	54	0.66	1	-	49 <sup>-158</sup>	380 <sup>-120</sup>	
A4	SA TR TS	1118	ARBUMEN	1	-	152	3.43	1	-	312 <sup>-158</sup>	85	152 CM TALL
	SA TR TS	1113	ARBUMEN	1	-	52	0.74	2	-	430 <sup>-110</sup>	80	
	SA TR TS	1117	ARBUMEN	1	-	62	1.16	1	-	126	102	
	SA TR TS	1122	ARBUMEN	1	-	53	0.80	1	-	275	217	
	SA TR TS	1120	ARBUMEN	1	-	60	0.84	2	-	290	182	
	SA TR TS	1119	ARBUMEN	1	-	60	1.07	6	-	344	192	

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Pepperwood Preserve  
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Plot

ID PPW 1307

Sampler(s)

MINE, MCGMAG, HZK

Date

2013.02.08

Notes

Quad	Type	Tree Tag No.	Species	Confidence	Dead/ Stump	SA Height (cm)	SA BD (cm)	SA Branch #	DBH (cm)	X (cm)	Y (cm)	Notes
A4	SA (TR) TS	1123	QUEAGR	0	-			-	55.65	256 <sup>-118</sup>	277	MEASURED AT 78 CM
	SA (TR) TS	1124	QUEDEC	0	-		-	-	25.50	372 <sup>-118</sup>	233	
	SA (TR) TS	1113	PRERACH	1	-	24	0.71	1	-	430 <sup>-70</sup>	80	CONDENSED!
	SA (TR) TS	1121	PRERACH	1	-		-	-	1.74	236 <sup>-264</sup>	453 <sup>-49</sup>	
	SA (TR) TS	1125	ARBUMEN	1	-	51	0.76	2	-	89	836 <sup>-164</sup>	
B4	SA (TR) TS	1126	QUEDEC	0	-	-	-	-	21.60	217	24	MEASURED AT 110 CM
B3	SA (TR) TS	1127	PRERACH	1	-	110	2.77	1	-	124	181	
B2	SA (TR) TS	1128	QUEAGR	1	-	51	1.13	2	-	494 <sup>-11</sup>	256 <sup>-364</sup>	
	SA (TR) TS	1130	QUEAGR	1	-	85	2.51	2	-	489 <sup>-11</sup>	186	
	SA (TR) TS	1132	QUEAGR	1	-	-	-	-	3.03	348 <sup>-152</sup>	33	
	SA (TR) TS	1129	UMBAL	1	-	67	1.99	1	-	71	155	
	SA (TR) TS	1131	ARBUMEN	1	-	-	-	-	32.40	33	139	UPPER FEE SHED DOWN.
	SA (TR) TS	1131.1	PRERACH	1	-	102	2.13	1	-	33	139	
	SA (TR) TS	1131.2	ARBUMEN	1	-	97	1.91	2	-	33	139	
	SA (TR) TS	1132.1	QUEAGR	1	-	-	-	-	2.18	348	23	
B1	SA (TR) TS	1144	QUEAGR	1	-	79	2.62	2	-	150	298 <sup>-202</sup>	
	SA (TR) TS	1147	QUEAGR	1	-	151	2.87	1	-	248	449 <sup>-51</sup>	

# Woody Vegetation

## Pepperwood Preserve TBC3 Long-term Vegetation Monitoring Project

Plot ID PPW 1807 Sampler(s) MMO, MPO, MDS, WTK Date 2013-02-08

Notes

Quad	Type	Tree Tag No.	Species	Confidence	Dead/ Stump	SA Height (cm)	SA BD (cm)	SA Branch #	DBH (cm)	X (cm)	Y (cm)	Notes
B1	SA TR TS	1143	ARBENI	1	-	-	-	-	1.78	263	168	
1	SA TR TS	1143.1	ARBENI	1	-	91	1.64	1	-	263	168	
1	SA TR TS	1156	QUEAGR	1	-	165	1.49	1	-	263	168	
1	SA TR TS	1142	QUEAGR	1	-	171	2.91	1	-	321	284	
1	SA TR TS	1142.1	QUEAGR	1	-	121	2.11	2	-	321	284	
1	SA TR TS	---	ARBENI	1	DEAD	86	-	3	-	256	216	
1	SA TR TS	---	ARBENI	1	DEAD	92	-	1	-	319	163	
1	SA TR TS	---	ARBENI	1	DEAD	113	-	3	-	315	123	
1	SA TR TS	1146	QUEAGR	1	-	126	1.90	2	-	195	130	
1	SA TR TS	---	ARBENI	1	DEAD	106	-	2	-	236	110	
1	SA TR TS	1141	QUEAGR	1	-	109	1.64	1	-	261	106	
1	SA TR TS	1138	ARBENI	1	-	56	1.45	3	-	27	59	DOORSTOP!
1	SA TR TS	1136	ARBENI	1	-	58	1.10	2	-	119	33	
1	SA TR TS	1135	QUEAGR	1	-	116	1.38	1	-	316	70	
1	SA TR TS	---	ARBENI	1	DEAD	97	-	3	-	357	37	
1	SA TR TS	1148	UMBRALE	1	-	83	666	1	-	459	161	
1	SA TR TS	---	ARBENI	1	DEAD	129	-	2	-	322	90	

## Woody Vegetation

Pepperwood Preserve  
TBC3 Long-term Vegetation Monitoring Project

Plot

ID PPW 1807

Sampler(s)

MUS, MFO, MMB, M3K

Date

2013-02-08

Notes

Quad	Type	Tree Tag No.	Species	Confidence	Dead/ Stump	SA Height (cm)	SA BD (cm)	SA Branch #	DBH (cm)	X (cm)	Y (cm)	Notes
B1	SA TR TS	1140	QUEAGR	1	—	216	3.00	1	—	107	81	
	SA TR TS	—	ARBMEN	1	DEAD	119	—	2	—	458 <sup>-42</sup>	41	
	SA TR TS	1151	ARBMEN	1	—	139	1.60	2	—	424 <sup>-36</sup>	6	WEST! CORNER SCORE!
	SA TR TS	1150	BACFIL	1	—	213	2.05	3	—	443 <sup>-57</sup>	314 <sup>-186</sup>	
	SA TR TS	—	BACFIL	1	DEAD	138	—	2	—	465 <sup>-35</sup>	359 <sup>-141</sup>	
	SA TR TS	1165	QUEAGR	1	—	—	—	—	1.20	412 <sup>-88</sup>	408 <sup>-42</sup>	
	SA TR TS	1154	QUEAGR	1	—	—	—	—	2.00	388 <sup>-112</sup>	408	
	SA TR TS	1165.1	QUEAGR	1	—	—	—	—	1.26	412	408	
	SA TR TS	1145	QUEAGR	1	—	168	1.75	1	—	472 <sup>-58</sup>	392 <sup>-103</sup>	
C1	SA TR TS	1159	QUEAGR	1	—	—	—	—	9.65	151	166	
	SA TR TS	1158	QUEAGR	1	—	—	—	—	6.85	58	223	
	SA TR TS	1159.1	QUEAGR	1	—	—	—	—	4.24	151	166	
	SA TR TS	1160	QUEAGR	1	—	—	—	—	1.50	123	257	
	SA TR TS	1161	QUEAGR	1	—	165	1.90	1	—	174	273	
	SA TR TS	1153	UMBAL	1	—	118	1.02	1	—	23	429 <sup>-71</sup>	CORNER SCORE!
	SA TR TS	1137	ARBMEN	1	—	121	1.45	2	—	38	480 <sup>-30</sup>	CORNER
	SA TR TS	1134	QUEAGR	1	—	—	—	—	1.02	27	462 <sup>-38</sup>	CORNER Score!

# Woody Vegetation

## Pepperwood Preser. TBC3 Long-term Vegetation Monitoring Project

Plot ID PPW 1307 Sampler(s) MMT, MFO, MTK, MNP Date 2013-02-08

Notes

MANHUA MIGHT BE USEFUL TO MEASURE BASAL DIAMETER VERSUS MAIN BRANCH DIAM.

Quad	Type	Tree Tag No.	Species	Confidence	Dead/ Stump	SA Height (cm)	SA BD (cm)	SA Branch #	DBH (cm)	X (cm)	Y (cm)	Notes
C1	SA TR TS	1162	QUEAGR	1	-	-	-	-	3.40	<sup>-204</sup> 296	<sup>-105</sup> 435	
C1	SA TR TS	1163	QUEAGR	1	-	-	-	-	2.07	<sup>-162</sup> 338	<sup>-40</sup> 460	
C2	SA TR TS	1139	QUEAGR	1	-	152	1.36	1	-	<sup>-228</sup> 472	34	CORNER
C2	SA TR TS	1133	QUEAGR	1	-	85	0.74	1	-	<sup>-47</sup> 453	41	CORNER
C2	SA TR TS	1164	QUEAGR	1	-	-	-	-	1.57	<sup>-70</sup> 430	74	
C2	SA TR TS	1152	UMBCAL	1	-	73	1.59	3	-	<sup>-35</sup> 465	<sup>-188</sup> 312	
C4	SA TR TS	1140	APC MANI	0	-	173	2.91	2	-	121	164	BASAL DIAMETER 36 cm
C4	SA TR TS	1166	QUEAGR	1	-	-	-	-	40.25	<sup>-215</sup> 225	<sup>-71</sup> 469	
D4	SA TR TS	1167	UMBCAL	1	-	59	1.96	2	-	61	<sup>-22</sup> 479	
D4	SA TR TS	1155	UMBCAL	1	-	51	1.34	1	-	<sup>-11</sup> 489	141	
D4	SA TR TS	1157	PPPMEN	1	-	64	1.55	3	-	<sup>-72</sup> 448	86	
D3	SA TR TS	1170	PPPMEN	1	-	-	-	-	4.35	89	74	
D3	SA TR TS	1168	QUEAGR	1	-	-	-	-	36.20	<sup>-132</sup> 270	<sup>-187</sup> 313	DBH @ 1.61 cm HULL
D3	SA TR TS	1169	PPPMEN	1	-	-	-	-	22.85	<sup>-132</sup> 378	197	
D3	SA TR TS	1171	UMBCAL	1	-	215	2.76	2	-	476	171	
D3	SA TR TS	1172	UMBCAL	1	-	72	0.64	1	-	<sup>-18</sup> 482	0.0	
D2	SA TR TS	1173	PPPMEN	1	-	-	-	-	23.00	131	<sup>-28</sup> 472	

# Woody Vegetation

## Pepperwood Preserve TBC3 Long-term Vegetation Monitoring Project

Plot

ID PPW 1307

Sampler(s) MMT, MFG, ANN, NTK

Date 2013-02-08

Notes

Quad	Type	Tree Tag No.	Species	Confidence	Dead/ Stump	SA Height (cm)	SA BD (cm)	SA Branch #	DBH (cm)	X (cm)	Y (cm)	Notes
D2	SA (TR) TS	1174	PERMEN	1	—	—	—	—	15.45	491 <sup>-9</sup>	294	
D1	SA (TR) TS	1176	QUEAGR	1	—	—	—	—	2.02	297 <sup>-203</sup>	451 <sup>-49</sup>	
	SA (TR) TS	1177	QUEAGR	1	—	55	0.57	2	—	188	460 <sup>-40</sup>	
	SA (TR) TS	1175	QUEAGR	1	—	—	—	—	6.46	246	367 <sup>-133</sup>	
	SA (TR) TS	1179	UMBAL	1	—	—	—	—	6.20	0	234 <sup>-260</sup>	
	SA (TR) TS	1179.1	UMBAL	1	—	—	—	—	4.53	0	234	
	SA (TR) TS	1178	UMBAL	1	—	—	—	—	1.36	106	85	
	SA TR TS	—	PERMAN	0	DEAD	—	—	1	—	304 <sup>-196</sup>	206	
	SA TR TS	—	PERMAN	0	DEAD	—	—	3	—	257 <sup>-243</sup>	255	
	SA TR TS	—	PERMAN	0	DEAD	—	—	1	—	236 <sup>-264</sup>	232	
	SA (TR) TS	1200	QUEAGR	1	—	—	—	—	10.6	470 <sup>-30</sup>	102	
	SA TR TS											
	SA TR TS											
	SA TR TS											
	SA TR TS											
	SA TR TS											
	SA TR TS											
	SA TR TS											

## Seedling Log

Pepperwood Preserve  
TBC3 Long-term Vegetation Monitoring ProjectPlot ID PPW1307Sampler(s) MHJ, MJKDate 20130208

Notes \_\_\_\_\_

Quadrant	Species	No. SE <10cm	No. JU 10- 50cm	No. SE +JU Dead	Comments
A1	UMBCAL	IIII	IIII		
A1	QUEAGR		II		
A1	ARB MEN	II	IIII	III	
A2	UMBCAL	III	I		
A2	QUEAGR	I	IIII		
A2	PSEMEN		I		
A2	BACPIL		I		
A3	UMBCAL		I		
A3	ARB MEN	I	IIII		
A3	QUEAGR		I		
A4	ARB MEN	IIII	IIII		
A4	UMBCAL		IIII		
A4	QUEAGR		I		
B4	UMBCAL	I	I		
B4	ARB MEN	I	IIII		
B3	ARB MEN	II	II		
B2	ARB MEN	I			
B2	UMBCAL	II	II		
B2	QUEAGR		I		
B1	UMBCAL		II		
B1	ARB MEN			II	
B1	QUEAGR		III		
C1	QUEAGR		III		
C1	UMBCAL		III		
C2	QUEAGR		II		
C2	ARCMAN		I		
C2	UMBCAL		II		
C3	UMBCAL		III		
C3	QUEAGR		II		
C4	UMBCAL		IIII		
C4	ARB MEN		IIII		