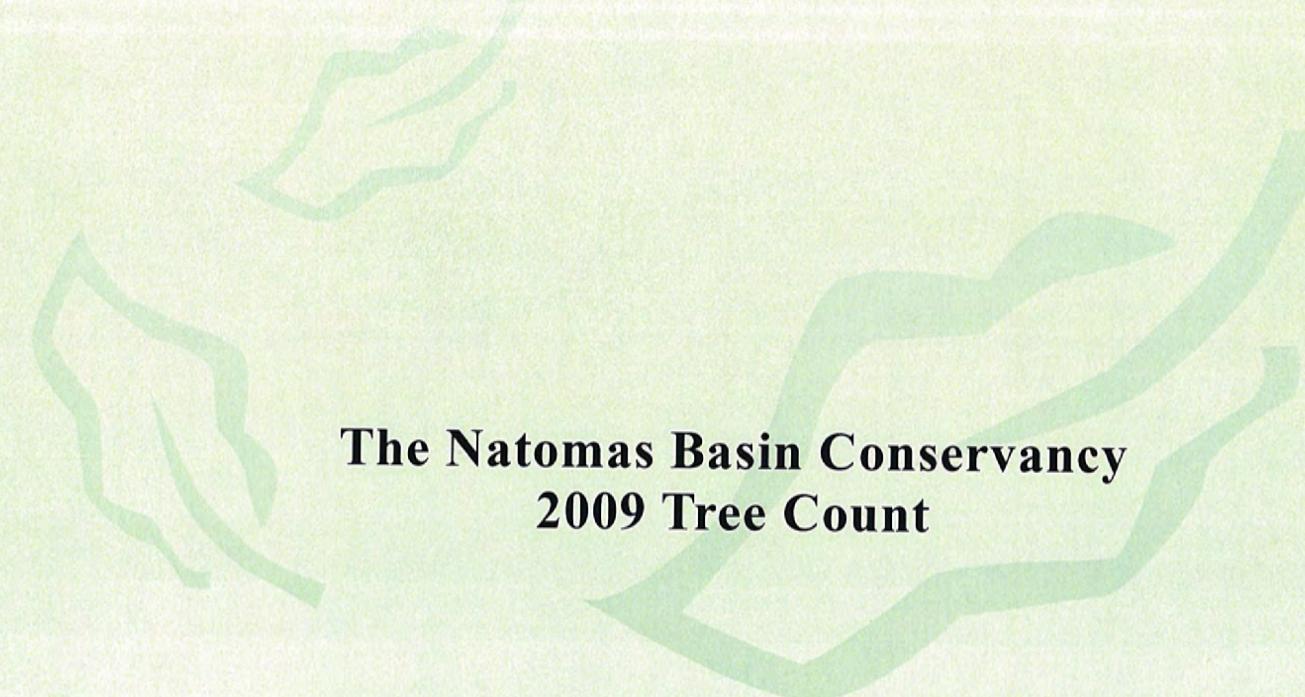




The Natomas Basin Conservancy 2009 Tree Count



Conducted by
Sacramento Tree Foundation



Acknowledgements

The Sacramento Tree Foundation would like to thank
Zarah Wyly, volunteer Chelsea Wu, and volunteer Michael
Keys for helping to build the maps.

Monitoring, mapping and preparation

by Joni Ramirez

2009

Table of Contents

Executive summary.....	1
Property summaries.....	2-3
Alleghany 50.....	4-17
Atkinson.....	18-40
Bennett North.....	41-45
Bennett South.....	46-51
Betts-Kismat-Silva.....	52-78
Bolen South.....	79-87
Cummings.....	88-107
Frazier.....	108-111
Huffman West & East.....	112-116
Lucich North.....	117-120
Natomas Farms.....	121-138
Ruby Ranch.....	139-142
Vestal.....	143-151
Appendix.....	152

The Natomas Basin Conservancy

Tree Inventory

Autumn 2009

Executive Summary

Sacramento Tree Foundation (STF) personnel conducted a tree inventory beginning on October 1, 2009 and concluding on December 20, 2009. The inventory captured the size, condition and genus of trees located on specified properties owned by the Natomas Basin Conservancy (TNBC).

Properties included in the tree count are as follows: Alleghany 50, Atkinson, Bennett North & South, Betts-Kismat-Silva, Bolen South, Cummings, Frazier, Huffman East & West, Lucich North & South, Natomas Farms, Rosa East, Ruby Ranch, and Vestal. Upon completion of monitoring, no trees were located on Lucich South or Rosa East locations. The intention of this report is to record trees with a diameter at breast height (DBH) greater than six inches, rate their condition and map their location. Property lines were determined through aerial photos available on the TNBC Web site and used as a boundary guide for this reported information. Property data and summaries are in some cases combined due to their close proximity and properties not mentioned in the report have no trees. The 2696 waypoints taken is a combination of trees with a greater than six-inch DBH and trees close to a six-inch DBH that look to be in good condition. In addition to the trees with individual waypoints, clusters and/or saplings are included for historical documentation.

All mapped trees receive a rating based on a 1 to 5 scale, where 5=good, 4=fair, 3=poor, 2=dead and 1=missing. Trees marked unknown are identified in the notes column of the general condition ledger. Along with a hard copy report, STF provide an electronic copy that can be viewed as a PDF. A Dell AXIM unit is used for collecting data and has a projection accuracy of 15 feet. This unit, used in combination with ArcGIS 9 and access software, provide the physical report. Aerial maps from Jones and Stokes and in some cases teraserver was used to project points for creating physical maps.

Property summaries

Allegheny 50

General condition of this property is good as maintenance crews keep on top of invasive weeds and blackberry bramble at a controllable level. Trees located along the Garden Highway are cleaned up of broken or structurally deficient limbs with a few cut limbs remaining for removal. On the interior of the property, three oaks on the east side along the canal (near the location once slated for bat boxes) have a significant bee population.

Total waypoints = 187

Atkinson/ Ruby Ranch/Vestal

These properties are combined due to their close proximity. The forest portion of the Atkinson property has had extensive clean up and although able to count more individual trees, monitoring from defined passages was done as to not interfere with any ground nesting species. Estimates of 200 additional trees in the forest section do not have individual waypoints due to sensitive habitat; these trees are noted in the general comment table. All are in good condition with a mix of sizes and most trees here are >6-inch DBH. Storm damage in the forest area felled approximately 50 trees of *Populus*, *Quercus* and *Salix* genus. On the east end of the forest, volunteer oaks have been damaged by machinery and/or pesticides/herbicides. Poison oak is sprinkled along the canal on both Atkinson and Vestal properties, caution for those with allergies. In addition, trees on the Ruby Ranch property are limited to a few on the banks of the canal and a lone coyote was spotted one morning. Vestal trees line the canal and are well maintained while the rookery from last year has moved away from this property.

Total waypoints Atkinson = 307 + 200 est., Ruby Ranch = 8, Vestal = 99

Bennett North & South

Both properties are well planned and executed beautifully. Some of the faster growing species have a DBH of six inches, but most plant material has less than a six-inch DBH. Surrounding the planted sections are waterways or grasses that appear to be well maintained with no visible invasive species present. The Button Willow, *Cephalanthus occidentalis*, is thriving on this property

Total waypoints Bennett North = 25, Bennett South = 48

Betts-Kismat-Silva

This is the most extensively planted property to date with naturally occurring perches, nesting sites and hutches of which wildlife take full advantage. Goats have kept the weeds under control and routine maintenance has kept trees and shrubs healthy and structurally strong. Most trees are in

good condition. Those with a fair rating along the water in the northwest section of the property look to be recovering from beaver damage, as existing and newly erected cages keep beavers from continuing to damage established plant material. These trees and shrubs are also showing signs of recovery. Additionally, the row of trees located on the west side of the property along the residential road has various condition ratings and provides multiple perching options for birds of prey.

Total waypoints = 426

Bolen South

This stretch of oak woodland is in good condition and continues to produce many volunteer oaks. The large nest in the *Populus* that stands slightly away from the existing row of oak is still in use.

Total waypoints = 102

Cummings

Trees on this property are multi-generational and primarily in good condition. Some of the *Fraxinus latifolia* have a leaf curl, possibly anthracnose, and may need some pruning to eliminate spores and the potential of the fungus multiplying. The established oak grove has varying degrees of maturity that are well maintained with volunteers continually emerging in these ideal conditions for this native tree.

Total waypoints = 295

Lucich North/Frazier

There are a few additions on the Frazier property, but for the most part these side-by-side properties have limited planting sites with well-defined infrastructure.

Total waypoints Frazier = 8, Lucich North = 10

Huffman West & East

Waypoints taken on these properties have more than doubled due to cluster points being deconstructed and given to the individual tree. Trees on this property are well placed and in good condition.

Total waypoints = 30

Natomas Farms

Trees are generally in good condition and weeds are kept down with the use of goats. One oak on the south end of the property had mushrooms at its base with a bit of mildew possibly verticillium wilt or oak root rot. Also, a handful of the cylinder-encased trees had excess weeds that may compete with the tree for nutrients.

Total waypoints = 254

STF Trees GeoDatabase

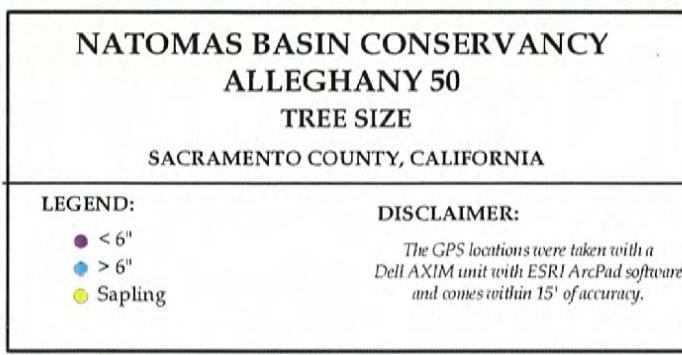
Natomas: Tree Condition by Site

Site: 1067, Alleghany 50

CommonName	good	fair	poor	dead	missing	other	Total
Cottonwood	2	0	0	0	1	0	3
Elderberry	0	0	0	0	1	0	1
Unknown	5	0	0	0	0	0	5
Valley Oak	162	1	0	3	12	0	178
Totals for Site 1067	169	1	0	3	14	0	187

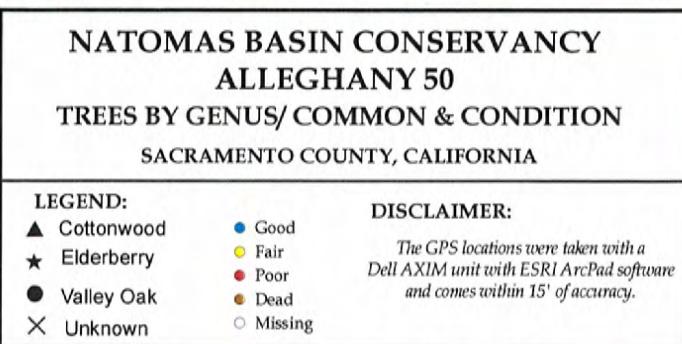


0	120	240	480 Feet
SOURCE:	DATE:		
Tree locations GPS by Sacramento Tree Foundation	2009		
Imagery provided by Jones and Stokes	2009		
MAP NAME:	DATE:		
Alleghany50_TreeSize.mxd	12/15/2009		





0	125
250	500 Feet
SOURCE:	DATE:
Tree locations GPS by Sacramento Tree Foundation	2009
Imagery provided by Jones and Stokes	2009
MAP NAME:	DATE:
Alleghany50_Genus.mxd	12/15/2009



Natomas Basin Conservancy
 General Comments

Site: 1067, Alleghany 50 Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Cement debris
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Shrub
Valley Oak	<i>Quercus lobata</i>	>6	good	Mildew/ possible pesticide damage
Valley Oak	<i>Quercus lobata</i>	>6	good	Mildew/ possible pesticide damage
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Mildew/ possible pesticide damage
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	Mildew/ possible pestiside damage
Valley Oak	<i>Quercus lobata</i>	>6	good	Galls
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 shrub/ good
Valley Oak	<i>Quercus lobata</i>	Sapling	missing	x8 volunteers/ regrowth
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Regrowth
Valley Oak	<i>Quercus lobata</i>	Sapling	missing	Regrowth/ good
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Regrowth

Natomas Basin Conservancy
General Comments

Site: 1067, Allegany 50 Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Regrowth
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Cluster could be 1 w/ burried trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	dead	
Valley Oak	<i>Quercus lobata</i>	<6	dead	
Valley Oak	<i>Quercus lobata</i>	<6	dead	
Valley Oak	<i>Quercus lobata</i>	>6	good	Some small broken limbs
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Wound healing
Unknown	Unknown	>6	good	Large broken limb
Valley Oak	<i>Quercus lobata</i>	>6	good	
Unknown	Unknown	>6	good	Pecan/ some clean up around base
Valley Oak	<i>Quercus lobata</i>	>6	missing	

Natomas Basin Conservancy
 General Comments

Site: 1067, Alleghany 50 Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Last tree
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1067, Alleghany 50 Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Galls
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	dead	Vines in tree
Valley Oak	<i>Quercus lobata</i>	>6	good	Vines in tree + trash
Valley Oak	<i>Quercus lobata</i>	>6	good	1 broken branch low
Valley Oak	<i>Quercus lobata</i>	>6	good	Vines in tree
Valley Oak	<i>Quercus lobata</i>	>6	good	Some privet/ ligustrum
Valley Oak	<i>Quercus lobata</i>	>6	good	Little bit of vine in tree
Valley Oak	<i>Quercus lobata</i>	>6	good	Trash debris
Valley Oak	<i>Quercus lobata</i>	>6	good	Poison oak
Valley Oak	<i>Quercus lobata</i>	>6	good	Shrub like/ blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Vines
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1067, Alleghany 50 Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	Bees
Valley Oak	<i>Quercus lobata</i>	>6	good	Bees/ broken limb
Valley Oak	<i>Quercus lobata</i>	Sapling	missing	1 volunteer good
Valley Oak	<i>Quercus lobata</i>	Sapling	missing	x3 volunteers near all good
Valley Oak	<i>Quercus lobata</i>	>6	good	Large bee population around lower limbs
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble/ vines
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Vines
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble

Natomas Basin Conservancy
General Comments

Site: 1067, Allegany 50 Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Reaching telephone wires
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x3 <6 in front
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Directly behind
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1067, Allegany 50 Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	3 main trunks
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	x4 volunteers

Natomas Basin Conservancy
General Comments

Site: 1067, Allegany 50 Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Looks like one tree only
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 2-inch DBH near by
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Cottonwood	<i>Populus fremontii</i>	>6	good	Silver populus
Valley Oak	<i>Quercus lobata</i>	<6	good	Shrub
Valley Oak	<i>Quercus lobata</i>	>6	fair	Under pecan
Valley Oak	<i>Quercus lobata</i>			x3 volunteers/ blackberry bramble + grapes
Valley Oak	<i>Quercus lobata</i>			Volunteer
Cottonwood	<i>Populus fremontii</i>	>6	good	Vines

Natomas Basin Conservancy
 General Comments

Site: 1067, Alleghany 50 Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Vines
Valley Oak	<i>Quercus lobata</i>	>6	good	Vines
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble present
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Covered w/ vines
Valley Oak	<i>Quercus lobata</i>	Sapling	good	x2 shrub
Valley Oak	<i>Quercus lobata</i>	missing		
Valley Oak	<i>Quercus lobata</i>	>6	good	Some blackberry emerging
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6 inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1067, Allegany 50 Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	Sapling	good	x2 volunteers
Unknown	Unknown	>6	good	Utility pole
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Cut limbs encroaching, need removal of limbs
Elderberry	<i>Sambucus mexicana</i>	<6	missing	Volunteer walnut sapling
Valley Oak	<i>Quercus lobata</i>	<6	good	Shrub
Unknown	Unknown	>6	good	Pecan
Valley Oak	<i>Quercus lobata</i>	>6	good	
Unknown	Unknown	>6	good	Pecan
Cottonwood	<i>Populus fremontii</i>	<6	missing	
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Volunteer
Valley Oak	<i>Quercus lobata</i>	<6	good	x3+/ multi-trunk
Valley Oak	<i>Quercus lobata</i>	Sapling	good	x2 regrowth
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Shrub
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Volunteer
Valley Oak	<i>Quercus lobata</i>	Sapling	good	x2 shrub

Natomas Basin Conservancy
General Comments

Site: 1067, Alleghany 50 Property 2010

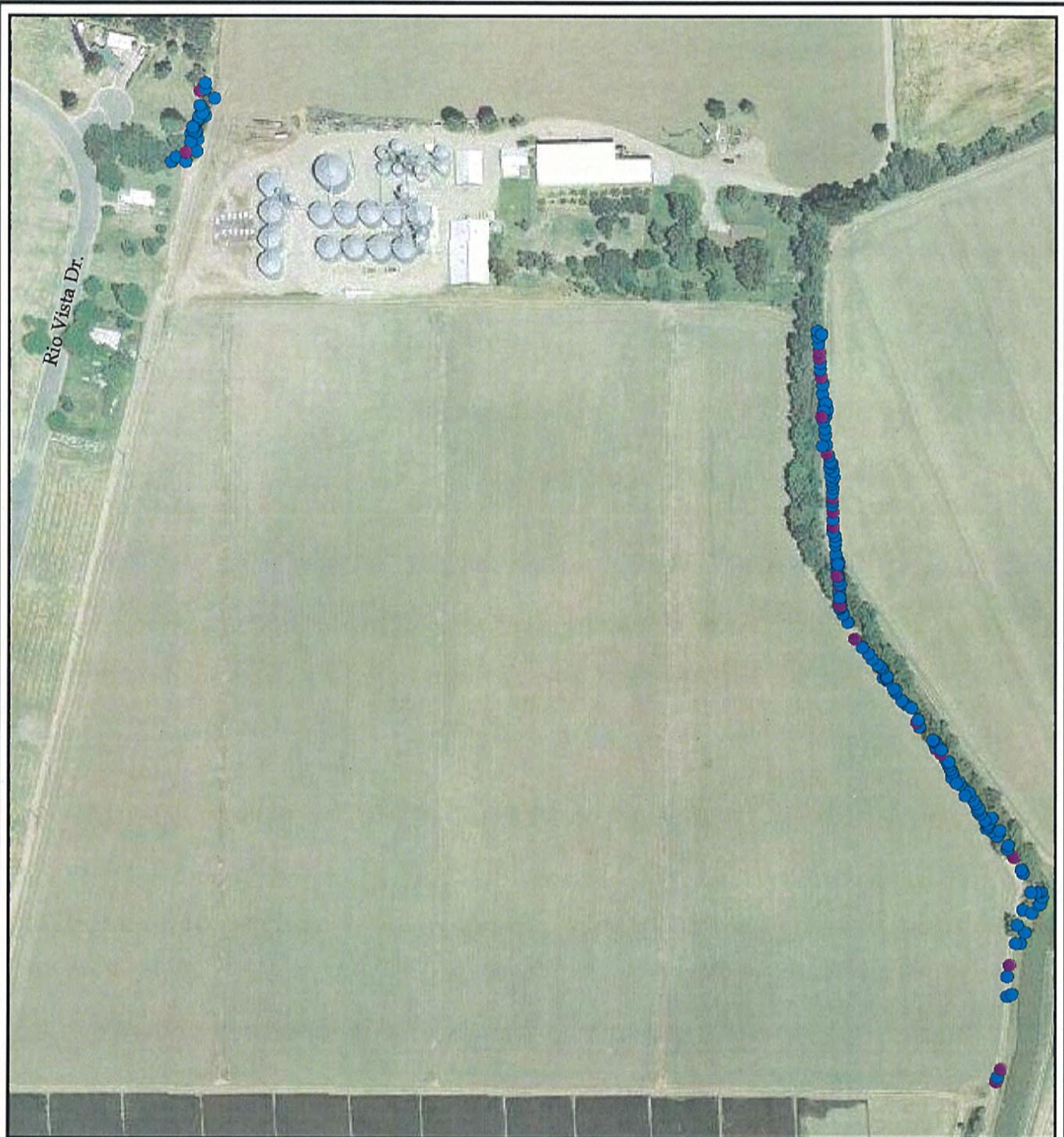
Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	Sapling	good	x4 shrub
Valley Oak	<i>Quercus lobata</i>	Sapling	good	x2 shrub
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Shrub
Valley Oak	<i>Quercus lobata</i>	Sapling	good	x2 shrub
Valley Oak	<i>Quercus lobata</i>	Sapling	good	x4 shrub
Valley Oak	<i>Quercus lobata</i>	>6	good	Leader broken needs removal
Valley Oak	<i>Quercus lobata</i>	<6	good	

STF Trees GeoDatabase

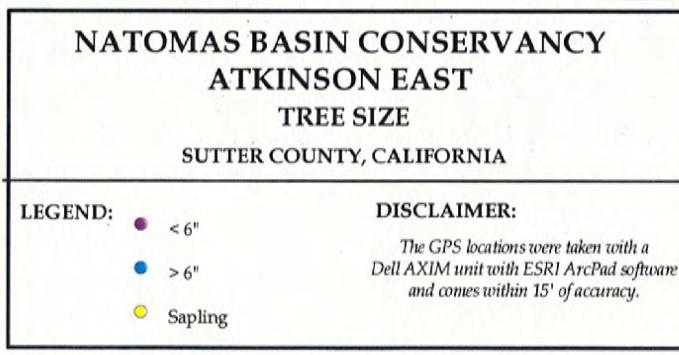
Natomas: Tree Condition by Site

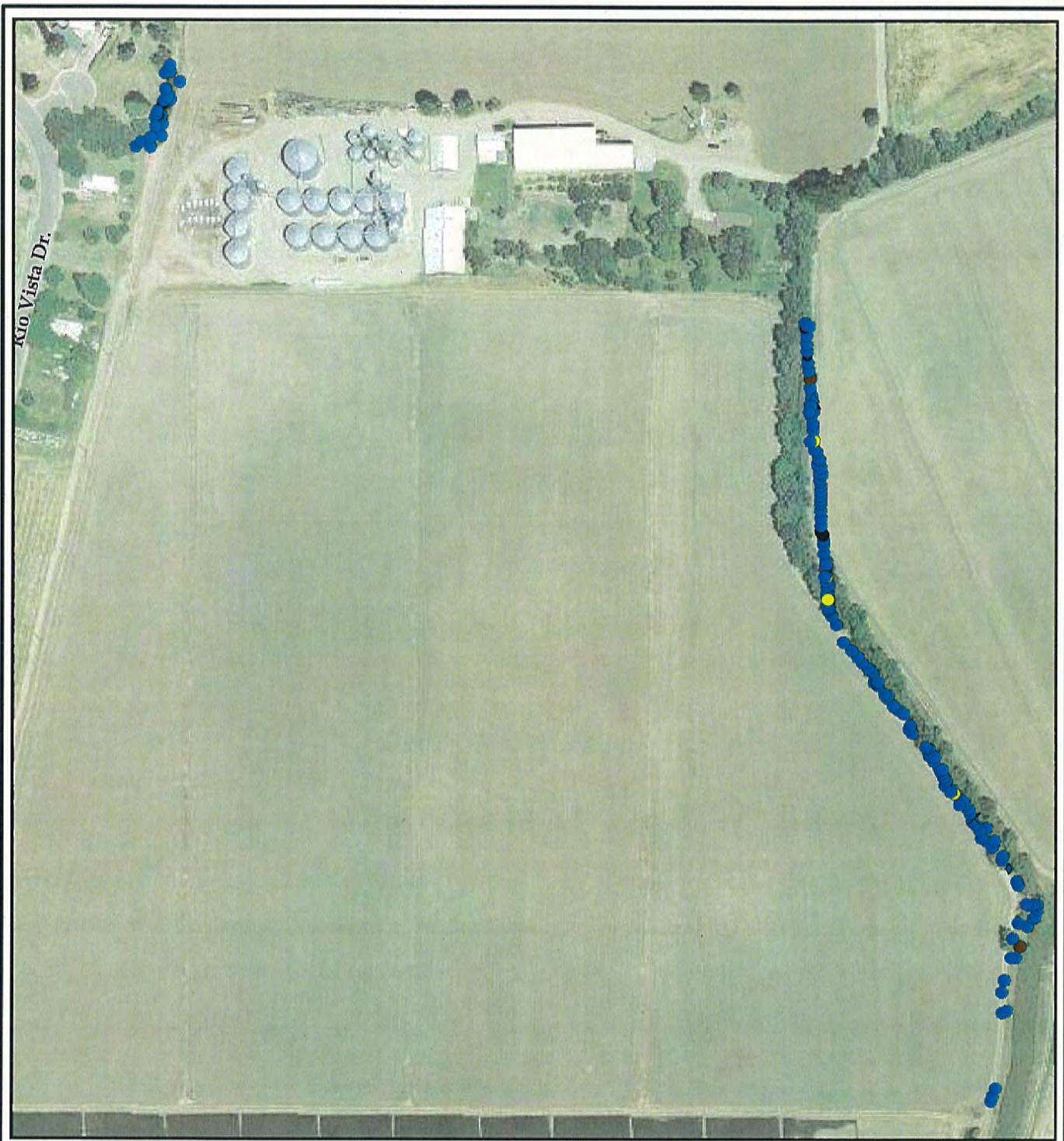
Site: 1066, Atkinson

CommonName	good	fair	poor	dead	missing	other	Total
Arroyo Willow	12	6	0	2	0	0	20
Black Walnut	1	0	0	0	0	0	1
Cottonwood	54	0	1	1	2	0	58
Elderberry	2	0	0	0	0	0	2
Goodings' Willow	13	0	0	0	0	0	13
Unknown	1	0	0	0	2	0	3
Valley Oak	182	19	1	3	5	0	210
Totals for Site 1066	265	25	2	6	9	0	307

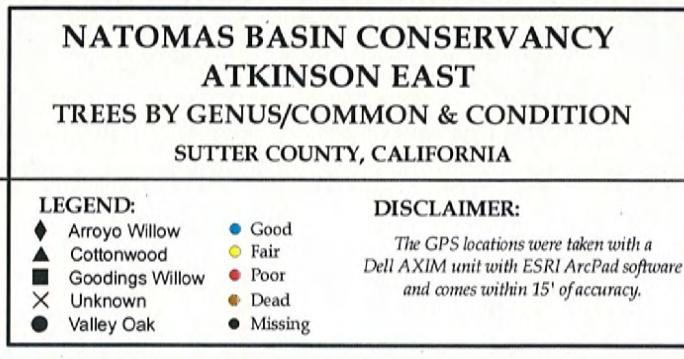


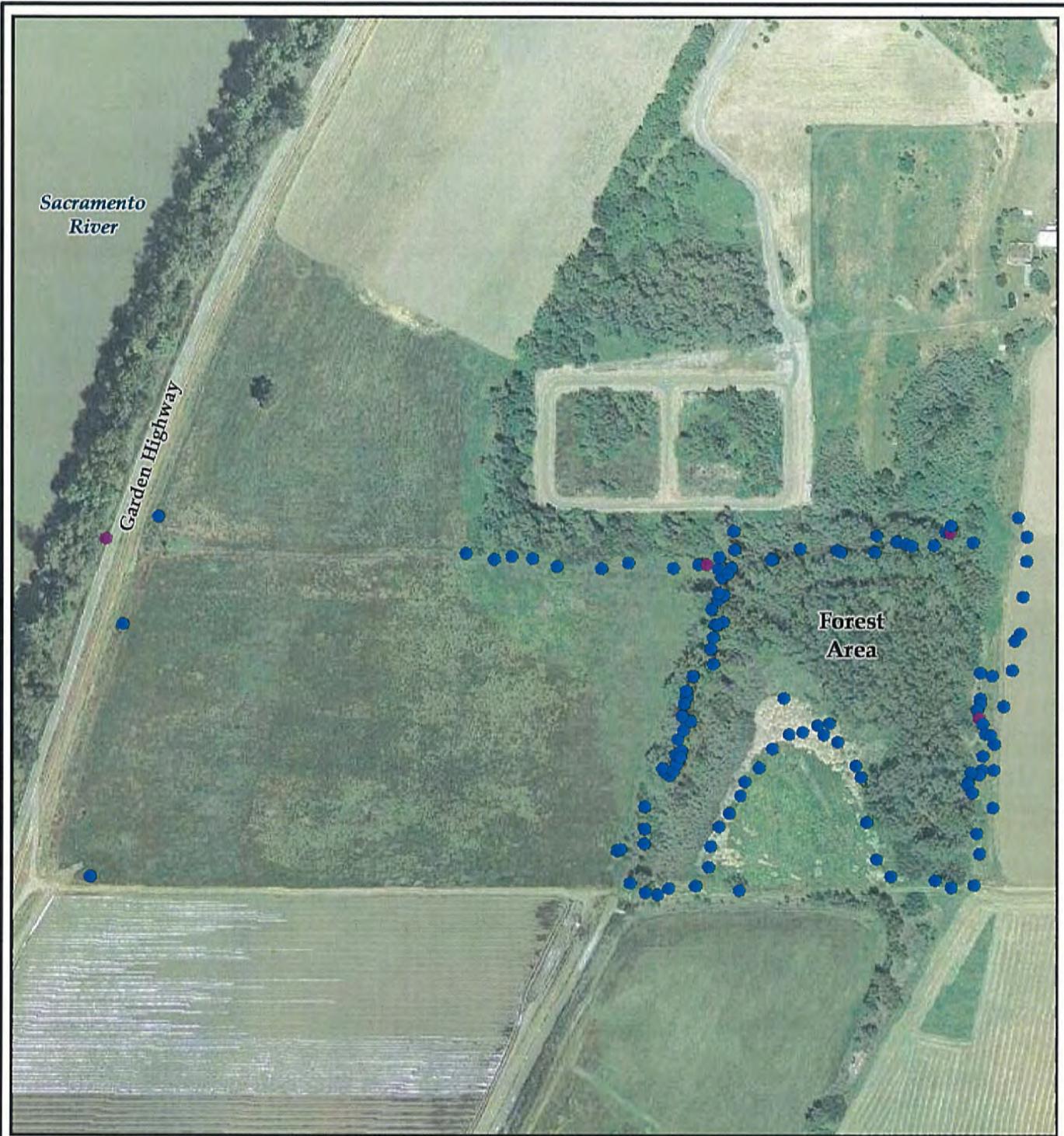
 0 65 130 260 Feet	
SOURCE: Tree locations GPS by Sacramento Tree Foundation	DATE: 2009
Imagery provided by Jones and Stokes	2009
AtkinsonE_Size_2009.mxd	12/15/2009



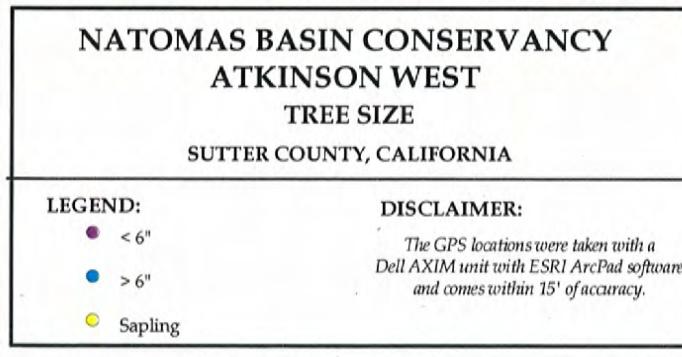


0 62.5125	250 Feet
—	—
SOURCE:	DATE:
Tree locations GPS by Sacramento Tree Foundation	2009
Imagery provided by Jones and Stokes	2009
MAP NAME:	DATE:
AtkinsonE_Status_2009.mxd	12/15/2009





0	75 150 300 Feet
—	—
SOURCE:	DATE:
Tree locations GPS by Sacramento Tree Foundation	2009
Imagery provided by Jones and Stokes	2009
MAP NAME:	DATE:
AtkinsonW_Size_2009.mxd	12/15/2009





0	75 150 300 Feet
—	—
SOURCE:	DATE:
Tree locations GPS by Sacramento Tree Foundation	2009
Imagery provided by Jones and Stokes	2009
MAP NAME:	DATE:
AtkinsonW_Status_2009.mxd	12/15/2009

**NATOMAS BASIN CONSERVANCY
ATKINSON WEST
TREES BY GENUS/COMMON & CONDITION
SUTTER COUNTY, CALIFORNIA**

LEGEND:

◆ Arroyo Willow	● Good
▲ Cottonwood	○ Fair
■ Goodings Willow	● Poor
×	● Dead
● Valley Oak	● Missing

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.



Natomas Basin Conservancy
General Comments

2010

Site: 1066, Atkinson Property

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 <6 oak
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 <6 oaks
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	fair	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	Large stand

Natomas Basin Conservancy General Comments

2010

Site: 1066, Atkinson Property

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Lean toward water
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Some stress growth
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	dead	Fell across canal
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy

General Comments

2010

Site: 1066, Atkinson Property

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+2 <6
Valley Oak	<i>Quercus lobata</i>	>6	good	+3 <6
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy

General Comments

Site: 1066, Atkinson Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+2 <6 near
Valley Oak	<i>Quercus lobata</i>	>6	fair	Stressed growth/ hawk in tree
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	fair	Sparse growth/ +1 sprouting at base
Valley Oak	<i>Quercus lobata</i>	>6	good	+3 oak volunteers
Valley Oak	<i>Quercus lobata</i>	>6	good	Some clean up low
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Some vines
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy General Comments

Site: 1066, Atkinson Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+2 <6
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	x4/1 with dieback used for perch only
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 >6
Cottonwood	<i>Populus fremontii</i>	>6	good	Large/ broken limb
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage
Goodings' Willow	<i>Salix goodingii</i>	>6	good	Large stand
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	fair	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	fair	Possibly sprayed
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	

Natomas Basin Conservancy

General Comments

2010

Site: 1066, Atkinson Property

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	dead	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Trunk in repair
Cottonwood	<i>Populus fremontii</i>	>6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	Understory
Arroyo Willow	<i>Salix lasiolepis</i>	>6	fair	Damaged either deer/ machine
Cottonwood	<i>Populus fremontii</i>	>6	good	9+ felled trees
Cottonwood	<i>Populus fremontii</i>	>6	good	Mistletoe
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	dead	Fell took out 6 + salix/ oak
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	Understory
Valley Oak	<i>Quercus lobata</i>	>6	good	Woodpeckers
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	fair	Coming back

Natomas Basin Conservancy
 General Comments

Site: 1066, Atkinson Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Arroyo Willow	<i>Salix lasiolepis</i>	>6	dead	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	dead	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	fair	Coming back
Arroyo Willow	<i>Salix lasiolepis</i>	>6	fair	Coming back
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Many galls
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 4-inch/ +1 volunteer
Unknown	Unknown	>6	missing	Edible fig
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Included bark low
Valley Oak	<i>Quercus lobata</i>	>6	fair	Better/ top struggling
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
 General Comments

Site: 1066, Atkinson Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Dual trunk or 2 trees/ buried trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	+4 <6 close
Valley Oak	<i>Quercus lobata</i>	>6	good	
Goodings' Willow	<i>Salix gooddingii</i>	>6	good	Crossing canal
Valley Oak	<i>Quercus lobata</i>	>6	good	Splitting scars
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	<6	good	Regrowth
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1066, Atkinson Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Nest
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Cottonwood	<i>Populus fremontii</i>	>6	good	Row of approximately 50
Unknown	Unknown	>6	missing	Fig multi-trunk
Cottonwood	<i>Populus fremontii</i>	>6	good	x16/ + x5 oak
Cottonwood	<i>Populus fremontii</i>	>6	good	20 +
Valley Oak	<i>Quercus lobata</i>	>6	good	10+
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x5

Natomas Basin Conservancy
General Comments

Site: 1066, Atkinson Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Lean
Cottonwood	<i>Populus fremontii</i>	>6	good	x12/ one large root
Cottonwood	<i>Populus fremontii</i>	>6	good	Mistletoe
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	1 dead/ 1 good
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	x3 trunks
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+9 mix of >6 + <6
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	dead	Uprooted
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	poor	Burned
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x4
Valley Oak	<i>Quercus lobata</i>	>6	good	Smaller oak up rooted
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1066, Atkinson Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	>6	good	Mistletoe/ blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	x5 <6 close proximity
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	Mistletoe/ understory arroyo 1st tree on sw corner
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	x6
Valley Oak	<i>Quercus lobata</i>	>6	good	x2 oak <6
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage/ +4 >6
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage/ +12
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage
Valley Oak	<i>Quercus lobata</i>	<6	fair	Pesticide damage

Natomas Basin Conservancy
 General Comments

Site: 1066, Atkinson Property
 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage
Cottonwood	<i>Populus fremontii</i>	>6	good	Irrigation debris
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage x2
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+5
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	Mule fat/ salix
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	fair	Pesticide damage +8 > and < 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	Salix leaning on oak
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x2 trunks = >6
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk

Natomas Basin Conservancy
 General Comments
 Site: 1066, Atkinson Property

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	>6	good	Habitat holes at 3, 4 and 5 feet on trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	x4 <6
Valley Oak	<i>Quercus lobata</i>	>6	fair	Lean in canal
Valley Oak	<i>Quercus lobata</i>	>6	good	Wire mark on trunk
Cottonwood	<i>Populus fremontii</i>	>6	good	Dual trunks crossing
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	V crouch
Cottonwood	<i>Populus fremontii</i>	>6	good	x2
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
 General Comments

Site: 1066, Atkinson Property

2010

Common Name		Botanical Name	Size	Condition	Comments
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	Mistletoe
Cottonwood		<i>Populus fremontii</i>	>6	good	
Goodings' Willow		<i>Salix goodingii</i>	>6	good	Huge
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Cottonwood		<i>Populus fremontii</i>	>6	good	
Valley Oak		<i>Quercus lobata</i>	>6	good	
Valley Oak		<i>Quercus lobata</i>	>6	poor	Holding mostly vines
Valley Oak		<i>Quercus lobata</i>	>6		

Natomas Basin Conservancy
General Comments

Site: 1066, Atkinson Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	Vines
Valley Oak	<i>Quercus lobata</i>	<6	good	Vines
Valley Oak	<i>Quercus lobata</i>	>6	good	
Unknown	Unknown	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x5 <6 in close proximity
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Mistletoe
Valley Oak	<i>Quercus lobata</i>	>6	good	missing
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH

Natomas Basin Conservancy
General Comments

Site: 1066, Atkinson Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk slight split
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	missing

Natomas Basin Conservancy
General Comments

Site: 1066, Atkinson Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x5
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Surrounded by salix/ mule fat/ nest in far populus
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x5
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	Large stand
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	x10+
Valley Oak	<i>Quercus lobata</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	missing	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	x4 oak <6
Valley Oak	<i>Quercus lobata</i>	>6	good	Large
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	+1 volunteer oak
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Cottonwood	<i>Populus fremontii</i>	>6	good	Dual trunks cross at 30 feet/ swallow habitat

Natomas Basin Conservancy
General Comments

Site: 1066, Atkinson Property
2010

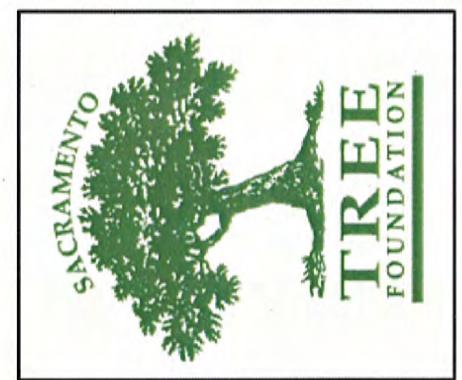
Common Name	Botanical Name	Size	Condition	Comments
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	

STF Trees GeoDatabase

Natomas: Tree Condition by Site

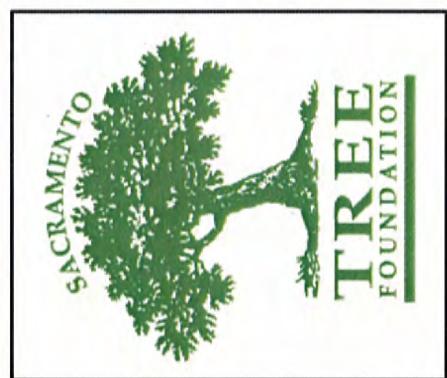
Site: 1332, Bennett North

CommonName	good	fair	poor	dead	missing	other	Total
Arroyo Willow	5	0	0	0	0	0	5
California Sycamo	1	0	0	0	1	0	2
Cottonwood	5	0	1	0	0	0	6
Unknown	5	0	0	0	0	0	5
Valley Oak	6	0	1	0	0	0	7
Totals for Site 1332	22	0	2	0	1	0	25



NATOMAS BASIN CONSERVANCY BENNETT NORTH TREE SIZE SUTTER COUNTY, CALIFORNIA

SOURCE:	DATE:	LEGEND:	DISCLAIMER:
Tree locations GPS by Sacramento Tree Foundation	2009	<ul style="list-style-type: none"> ● < 6" ● > 6" ● Sapling 	<p>The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.</p>
Imagery provided by Jones and Stokes	2009		
MAP NAME:	DATE:		
BennettNorth_TreeSize.mxd	12/15/2009		



**NATOMAS BASIN CONSERVANCY
BENNETT NORTH
TREES BY GENUS/ COMMON & CONDITION
SUTTER COUNTY, CALIFORNIA**

SOURCE:	DATE:
Tree locations GPS by Sacramento Tree Foundation	2009
Imagery provided by Jones and Stokes	2009
MAP NAME: BennettNorth_Genus.mxd	DATE: 12/15/2009

LEGEND:	DISCLAIMER:
◆ Arroyo Willow	● Good
▲ Cottonwood	○ Fair
◆ Sycamore	● Poor
◆ Valley Oak	● Dead
◆ Unknown	○ Missing

The GPS locations were taken with a Dell Axim unit with ESRI ArcPad software and comes within 15' of accuracy.

Natomas Basin Conservancy
General Comments

Site: 1332, Bennett North Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	>6	good	Multi-trunk = 6-inch DBH
California Sycamore	<i>Platanus racemosa</i>	>6	good	Just 6-inch DBH
Unknown	Unknown	>6	good	1 torn limb/ mule fat/ arroyo willow/ multi-trunk
Arroyo Willow	<i>Salix lasiolepis</i>	<6	good	x2 <6 broken at trunk all others good
California Sycamore	<i>Platanus racemosa</i>	<6	missing	Rosa and salix only
Arroyo Willow	<i>Salix lasiolepis</i>	<6	good	Many volunteers
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	Multi-trunk
Unknown	Unknown	>6	good	1 coyote/ rosa + volunteers
Unknown	Unknown	>6	good	1 coyote/ salix + rosa multiplying
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Cottonwood	<i>Populus fremontii</i>	>6	good	Multi-trunk = 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	poor	Looks dead/ roots still holding
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	<6	poor	Looks dead/ roots still holding
Cottonwood	<i>Populus fremontii</i>	>6	good	Multi-trunk = 6-inch DBH

Natomas Basin Conservancy
 General Comments

Site: 1332, Bennett North Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Multi-trunk = 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Multi-trunk = 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	<6	good	Multi-trunk

STF Trees GeoDatabase

Natomas: Tree Condition by Site

Site: 1333, Bennett South

CommonName	good	fair	poor	dead	missing	other	Total
Arroyo Willow	6	0	0	0	1	0	7
CA Wild Rose	1	0	0	0	0	0	1
Goodings' Willow	1	0	0	0	0	0	1
Unknown	16	0	0	0	0	0	16
Valley Oak	23	0	0	0	0	0	23
Totals for Site 1333	47	0	0	0	1	0	48



0 50 100 200 Feet

SOURCE: DATE:
Tree locations GPS by 2009
Sacramento Tree Foundation

Imagery provided 2009
by Jones and Stokes

MAP NAME: DATE:
BennetSouth_TreeSize.mxd 12/15/2009

NATOMAS BASIN CONSERVANCY
BENNETT SOUTH
TREE SIZE
SUTTER COUNTY, CALIFORNIA

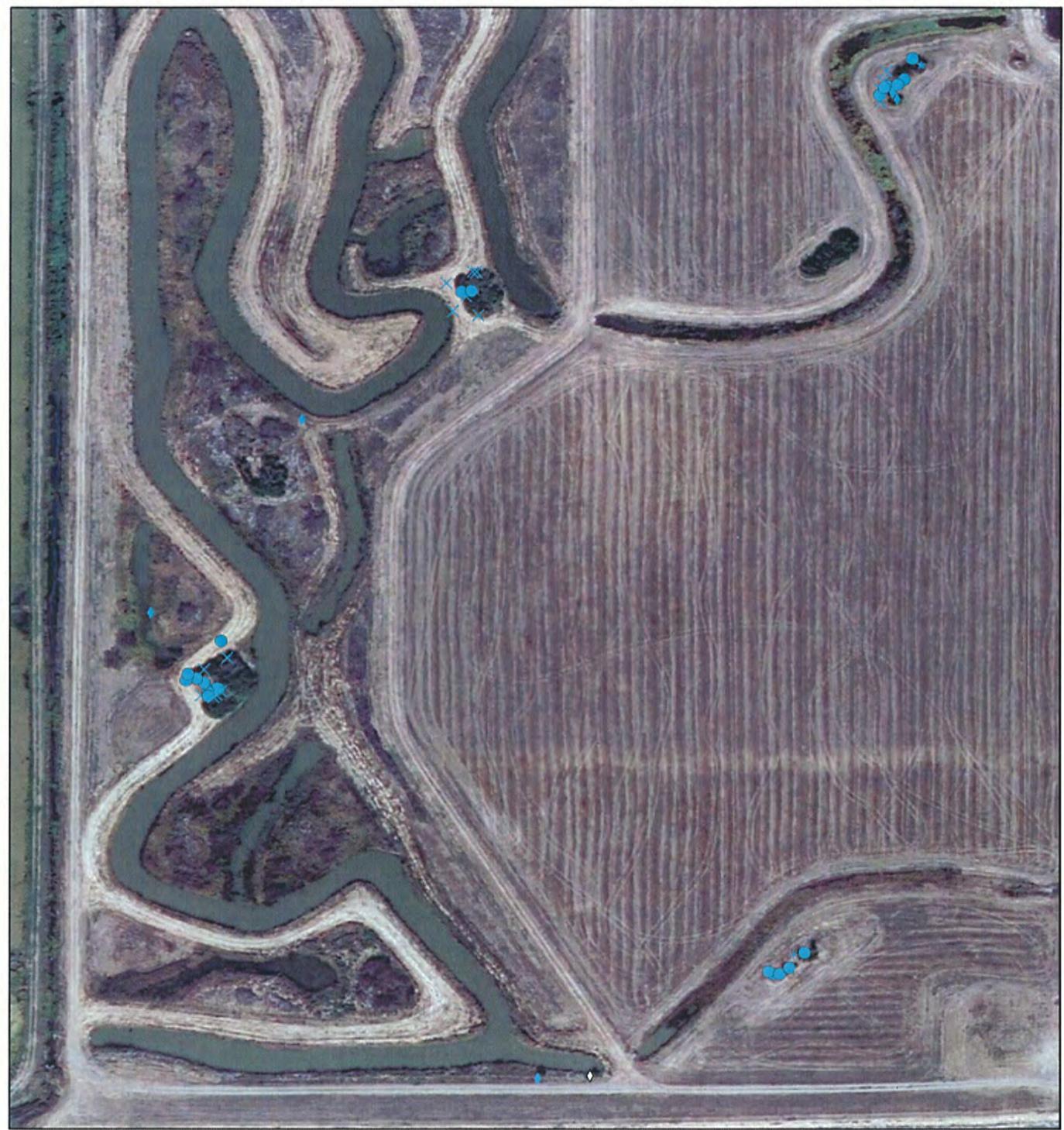
LEGEND:

- < 6"
- > 6"
- Sapling

DISCLAIMER:

The GPS locations were taken with a
Dell AXIM unit with ESRI ArcPad software
and comes within 15' of accuracy.





0 50 100 200 Feet

SOURCE: Tree locations GPS by Sacramento Tree Foundation

DATE: 2009

Imagery provided by Jones and Stokes

2009

MAP NAME: BennettSouth_Genus.mxd

DATE: 12/15/2009

NATOMAS BASIN CONSERVANCY BENNET SOUTH TREES BY GENUS/ COMMON & CONDITION SUTTER COUNTY, CALIFORNIA

LEGEND:

- ◆ Arroyo Willow
- CA Wild Rose
- ★ Goodings Willow
- Valley Oak
- ✗ Unknown
- Good
- Fair
- Poor
- Dead
- Missing

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.



Natomas Basin Conservancy
General Comments

Site: 1333, Bennett South Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	<6	good	Button willow/ rosa
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow/ rosa pretty thick nice
Unknown	Unknown	>6	good	Button willow/ multi-trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Valley Oak	<i>Quercus lobata</i>	<6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	Multi-trunk/ projected
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	Multi-trunk/ +8 surrounding
Valley Oak	<i>Quercus lobata</i>	<6	good	1 oak
Valley Oak	<i>Quercus lobata</i>	<6	good	Dual trunk

Natomas Basin Conservancy
General Comments

Site: 1333, Bennett South Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	Nice stand
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk/ some wire mesh embedded in trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	<6	good	Button willow
Valley Oak	<i>Quercus lobata</i>	<6	good	Rosa sprouting within section
Unknown	Unknown	>6	good	Mule fat/ arroyo willow/ multi
Arroyo Willow	<i>Salix lasiolepis</i>	<6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	5 total
Unknown	Unknown	<6	good	Button willow/ rosa
Goodings' Willow	<i>Salix goodingii</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1333, Bennett South Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	<6	good	Button willow
Valley Oak	<i>Quercus lobata</i>	<6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	<6	good	Regrowth
Arroyo Willow	<i>Salix lasiolepis</i>	>6	missing	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow/ rosa + salix volunteers
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Arroyo Willow	<i>Salix lasiolepis</i>	<6	good	x4/ +6 oak <6-inch DBH/ mule fat/ coyote/ rosa
Valley Oak	<i>Quercus lobata</i>	<6	good	

STF Trees GeoDatabase

Natomas: Tree Condition by Site

Site: 1068, Betts Kismat Silva

CommonName	good	fair	poor	dead	missing	other	Total
Arroyo Willow	7	0	1	0	1	0	9
Black Walnut	2	0	0	0	1	0	3
Blue Oak	1	0	0	0	0	0	1
Bur Oak	2	0	0	0	0	0	2
CA Wild Rose	31	0	0	0	0	0	31
California Sycamo	27	2	3	0	0	0	32
Cottonwood	19	9	4	6	2	0	40
Goodings' Willow	21	1	0	1	0	0	23
Holly Oak	2	0	0	0	0	0	2
Oregon Ash	16	0	1	0	0	0	17
River Birch	9	0	0	0	0	0	9
Southern Live Oak	3	0	0	0	0	0	3
Unknown	148	1	0	2	10	0	161
Valley Oak	89	0	0	0	4	0	93
Totals for Site 1068	377	13	9	9	18	0	426

NATOMAS BASIN
CONSERVANCY
BETTS/KISMAT/SILVA

TREE SIZE

SACRAMENTO COUNTY,
CALIFORNIA

LEGEND:

- < 6"
- > 6"
- Sapling

DISCLAIMER:

The GPS locations were taken with a
Dell AXIM unit with ESRI ArcPad software
and comes within 15' of accuracy.



0 400 800 Feet

SOURCE:

Tree locations GPS by
Sacramento Tree
Foundation
Imagery provided by
TerraServer

MAP NAME:

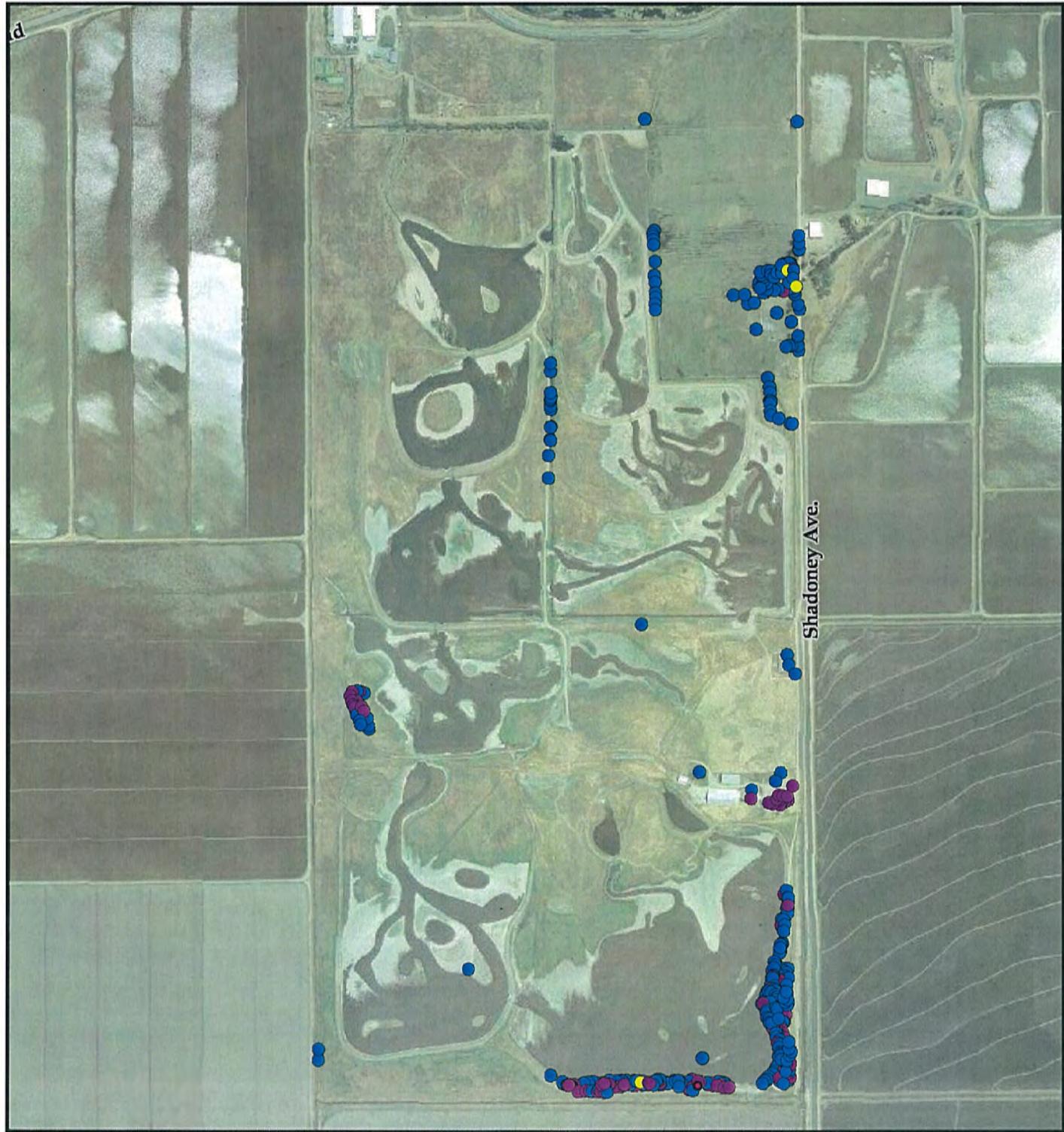
BettsKismatSilva_Size_2009.mxd

DATE:

12/15/2009



TREE
FOUNDATION



NATOMAS BASIN
CONSERVANCY
BETTS/KISMAT/SILVA
TREES BY COMMON
NAME & CONDITION
SACRAMENTO COUNTY,
CALIFORNIA

LEGEND:

- ✓ Birch
- ▲ Cottonwood
- Oak
- * Oregon Ash
- ◆ Sycamore
- ✗ Unknown
- ◆ Wild Rose
- Walnut
- ◆ Willow
- Good
- Fair
- Poor
- Dead
- Missing

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.



SCALE:
0 400 800 Feet
Scale: 1" = 800'

SOURCE: DATE:

Tree locations GPS by
Sacramento Tree
Foundation
Imagery provided by
TerraServer

MAP NAME: DATE:
BettsKismaSilva_Status_2009.mxd
12/15/2009



Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Unknown	Unknown	>6	good	Caged
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Oregon Ash	<i>Fraxinus latifolia</i>	>6	good	Caged/ multi-trunk
Unknown	Unknown	>6	good	Mule fat/ arroyo willow/ caged
Unknown	Unknown	>6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	Caged
Valley Oak	<i>Quercus lobata</i>	<6	good	Caged
Valley Oak	<i>Quercus lobata</i>	<6	good	Caged
Valley Oak	<i>Quercus lobata</i>	<6	good	Caged
CA Wild Rose	<i>Rosa californica</i>	>6	good	Filling in nicely
Valley Oak	<i>Quercus lobata</i>	<6	good	Caged
CA Wild Rose	<i>Rosa californica</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	good	Mesh wrapped
Valley Oak	<i>Quercus lobata</i>	<6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Holly Oak	<i>Quercus ilex</i>	<6	good	
Blue Oak	<i>Quercus douglasii</i>	<6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kissmat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
California Sycamore	<i>Platanus racemosa</i>	<6	poor	Chewed down to wick
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Valley Oak	<i>Quercus lobata</i>	>6	good	x2 trunks
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
CA Wild Rose	<i>Rosa californica</i>	>6	good	+ Coyote
Cottonwood	<i>Populus fremontii</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	good	Caged new growth good
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Caged
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	dead	Chewed by beavers/ stump w/ peeled bark
Cottonwood	<i>Populus fremontii</i>	>6	good	Caged
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	1 broken limb
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	Caged
Goodings' Willow	<i>Salix goodingii</i>	>6	good	Caged
CA Wild Rose	<i>Rosa californica</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kissmat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	>6	good	Coyote, large stand
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH/ nice structure
Unknown	Unknown	<6	good	x2 coyote/ 1 rosa
CA Wild Rose	<i>Rosa californica</i>	>6	good	Large stand
California Sycamore	<i>Platanus racemosa</i>	<6	good	
Unknown	<i>Platanus racemosa</i>	>6	good	
California Sycamore	Unknown	<6	good	Coyote
Valley Oak	<i>Platanus racemosa</i>	>6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	>6	poor	Beaver chewed/ new growth minimal
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kissmat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	missing	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Cottonwood	<i>Populus fremontii</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	<6	missing	
Arroyo Willow	<i>Salix lasiolepis</i>		good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Unknown	Unknown	<6	missing	
Unknown	Unknown	>6	good	Arroyo willow/ rosa spreading
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Dual trunk
Unknown	Unknown	>6	good	Nice coverage in this area
Valley Oak	<i>Quercus lobata</i>	<6	good	Dual trunk/ almost 6-inch DBH
Unknown	Unknown	>6	good	Coyote

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Unknown	Unknown	>6	good	Coyote
Unknown	Unknown	>6	good	Arroyo willow filling in nicely x4
Cottonwood	<i>Populus fremontii</i>	>6	good	1 <i>Populus/</i> most <i>Salix/</i> perch/ 5 trees leaning
Valley Oak	<i>Quercus lobata</i>	<6	good	Nest
Unknown	Unknown	>6	good	Arroyo willow
CA Wild Rose	<i>Rosa californica</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	>6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	>6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	Coyote
CA Wild Rose	<i>Rosa californica</i>	>6	good	Large stand
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	Caged

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kissmat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Unknown	Unknown	<6	good	Coyote
Unknown	Unknown	>6	good	x 2 Coyote
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow/ caged
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	good	Almost 6-inch DBH
Unknown	Unknown	>6	good	In recovery
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Morus/ split on trunk
				Mule fat/ arroyo willow

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	>6	fair	In water
Unknown	Unknown	>6	good	Mule fat
Cottonwood	<i>Populus fremontii</i>	>6	poor	Stump in water/ just 6-inch DBH
Cottonwood	<i>Populus fremontii</i>	>6	good	Caged
Valley Oak	<i>Quercus lobata</i>	>6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	>6	good	Multi-trunk
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	Morus/ excellent view of root structure
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Morus/ arroyo willow
Unknown	Unknown	>6	good	Morus/ multi-trunk
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	Morus/ water shoot developing/ included bark
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Morus/ root shoot volunteer close
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Morus/ all morus in area showing signs of age

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	>6	good	New tree developed on felled tree
Cottonwood	<i>Populus fremontii</i>	>6	dead	On ground
Cottonwood	<i>Populus fremontii</i>	>6	fair	Good perch
Goodings' Willow	<i>Salix goodingii</i>	>6	good	New growth from stump
Cottonwood	<i>Populus fremontii</i>	>6	fair	Top perch lower limbs growth
Unknown	Unknown	>6	good	<i>Morus</i>
California Sycamore	<i>Platanus racemosa</i>	<6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	missing	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	
Unknown	Unknown	>6	good	Multi-trunk/ button willow
California Sycamore	<i>Platanus racemosa</i>	<6	good	Multi-trunk
California Sycamore	<i>Platanus racemosa</i>	<6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	good	
Unknown	Unknown	>6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	fair	Main trunk dead subsequent growth good
California Sycamore	<i>Platanus racemosa</i>	<6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	good	Almost 6-inch DBH

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

Common Name	Botanical Name	Size	Condition	Comments
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	missing	
California Sycamore	<i>Platanus racemosa</i>	>6	good	
Unknown	Unknown	>6	good	Edible fig
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	fair	North lean/ may be uprooted/ behind goat fencing
Cottonwood	<i>Populus fremontii</i>	<6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	dead	On ground/ wood looks like bleached bones
California Sycamore	<i>Platanus racemosa</i>	<6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	dead	On ground
Oregon Ash	<i>Fraxinus latifolia</i>	>6	good	Caged

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	Regrowth good/ beaver damage
California Sycamore	<i>Platanus racemosa</i>	<6	good	Recovering/ healthy
Cottonwood	<i>Populus fremontii</i>	<6	missing	
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
California Sycamore	<i>Platanus racemosa</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	fair	Regrowth coming along
California Sycamore	<i>Platanus racemosa</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
California Sycamore	<i>Platanus racemosa</i>	<6	good	Close to 6-inch DBH
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	Recovery/ caged
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	<6	good	Coyote
Goodings' Willow	<i>Salix goodingii</i>	>6	fair	Covered in vines
California Sycamore	<i>Platanus racemosa</i>	<6	good	Caged
Cottonwood	<i>Populus fremontii</i>	>6	dead	Trunk standing approx 10 feet tall
Cottonwood	<i>Populus fremontii</i>	>6	dead	On ground
Cottonwood	<i>Populus fremontii</i>	>6	poor	Very little growth/ perch
Unknown	Unknown	>6	good	Healing/ new healthy growth
California Sycamore	<i>Platanus racemosa</i>	>6	good	
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Cypress
Oregon Ash	<i>Fraxinus latifolia</i>	>6	good	Multi-trunk
California Sycamore	<i>Platanus racemosa</i>	<6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Cottonwood	<i>Populus fremontii</i>	>6	dead	On ground
California Sycamore	<i>Platanus racemosa</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	poor	Chewed to stump/ caged
California Sycamore	<i>Platanus racemosa</i>	>6	good	Bit chewed/ caged
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	<6	poor	Beavers
Valley Oak	<i>Quercus lobata</i>	<6	good	Recovered nicely from beavers
Oregon Ash	<i>Fraxinus latifolia</i>	>6	good	New cage 12/2/09
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Unknown	Unknown	<6	good	Coyote/ rosa
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	<6	good	Button willow
Unknown	Unknown	>6	good	Coyote

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name		Size	Condition	Comments
Goodings' Willow	<i>Salix goodingii</i>		<6	good	
Unknown	Unknown		>6	good	Coyote
CA Wild Rose	<i>Rosa californica</i>		<6	good	
CA Wild Rose	<i>Rosa californica</i>		>6	good	
Unknown	Unknown		>6	good	Wild grape
Unknown	Unknown		>6	good	Mule fat/ arroyo willow
Unknown	Unknown		>6	good	Wild grape
Cottonwood	<i>Populus fremontii</i>		>6	good	
CA Wild Rose	<i>Rosa californica</i>		>6	good	
Unknown	Unknown		>6	good	Mule fat/ arroyo willow
Unknown	Unknown		>6	good	Privet
Unknown	Unknown		>6	good	Mule fat/ arroyo willow
Cottonwood	<i>Populus fremontii</i>		<6	poor	Stump in water/ caged
Unknown	Unknown		>6	good	Mule fat/ arroyo willow
CA Wild Rose	<i>Rosa californica</i>		>6	good	Large stand
Unknown	Unknown		>6	good	Coyote
Unknown	Unknown		<6	good	Coyote
California Sycamore	<i>Platanus racemosa</i>		>6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property 2010

Common Name	Botanical Name		Size	Condition	Comments
Unknown	Unknown		>6	good	Coyote
Unknown	Unknown		>6	good	Coyote
CA Wild Rose	Rosa californica		>6	good	Large stand
Cottonwood	Populus fremontii		>6	good	x5 trunk
Unknown	Unknown		>6	good	Mule fat/ arroyo willow
Valley Oak	Quercus lobata		<6	good	Surrounded by rosa
Valley Oak	Quercus lobata		<6	good	
Unknown	Unknown		>6	good	Mule fat/ arroyo willow
Arroyo Willow	Salix lasiolepis		<6	poor	Chewed/ evidence of regrowth
Unknown	Unknown		>6	good	Mule fat/ arroyo willow
Valley Oak	Quercus lobata		>6	good	
Oregon Ash	Fraxinus latifolia		>6	good	Multi trunk
Valley Oak	Quercus lobata		>6	good	Dual trunk
Valley Oak	Quercus lobata		>6	good	Dual trunk
Valley Oak	Quercus lobata		>6	good	
Valley Oak	Quercus lobata		>6	good	
Valley Oak	Quercus lobata		<6	good	
Unknown	Unknown	Sapling		good	Coyote

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kissat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Unknown	Unknown	>6	good	Privet
Valley Oak	<i>Quercus lobata</i>	>6	good	Area well covered w/ coyote + rosa
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Unknown	Unknown	>6	good	Multi button willow
Cottonwood	<i>Populus fremontii</i>	<6	good	On water edge
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk equals 6-inch DBH
Unknown	Unknown	>6	good	<i>Morus</i>
Unknown	Unknown	>6	good	Privet
Unknown	Unknown	Sapling	good	Coyote
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	Large stand
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Unknown	Unknown	>6	good	Coyote

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
CA Wild Rose	<i>Rosa californica</i>	>6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Unknown	Unknown	>6	good	Coyote
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Unknown	Unknown	>6	good	Coyote
Unknown	Unknown	>6	good	Coyote
Unknown	Unknown	>6	good	Coyote
Unknown	Unknown	>6	good	Coyote
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Next to chewed stump
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow/ caged
Unknown	Unknown	>6	good	Mule fat/ arroyo willow/ caged
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	<6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	
Unknown	Unknown	>6	good	Wild grape
Unknown	Unknown	>6	good	Wild grape
Unknown	Unknown	>6	good	Coyote
CA Wild Rose	<i>Rosa californica</i>	>6	good	Large stand
Unknown	Unknown	<6	good	Regrowth/ mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow + coyote
Unknown	Unknown	>6	good	Coyote/ caged
Unknown	Unknown	>6	good	Mule fat/ arroyo willow

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Unknown	Unknown	>6	good	Coyote
Unknown	Unknown	>6	good	Coyote
Unknown	Unknown	>6	good	Wild grape
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Wild grape
Unknown	Unknown	<6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	good	Coyote
Valley Oak	<i>Quercus lobata</i>	<6	good	Caged
Unknown	Unknown	>6	good	Mule fat/ arroyo willow
Unknown	Unknown	>6	fair	Struggling a bit
Unknown	Unknown	<6	missing	
Unknown	Unknown	>6	good	Liquidamber/ just 6-inch DBH
Unknown	Unknown	>6	missing	
Black Walnut	<i>Juglans hindsii</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Unknown	Unknown	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Unknown	Unknown	>6	dead	Natural totem pole
Unknown	Unknown	>6	missing	
Unknown	Unknown	>6	missing	
Unknown	Unknown	>6	missing	
Valley Oak	<i>Quercus lobata</i>	<6	good	Regrowth good/ beaver chewed/ caged
Unknown	Unknown	>6	missing	
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Edible fig
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Eucalyptus
Unknown	Unknown	>6	good	Eucalyptus
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Lots of new growth
River Birch	<i>Betula nigra</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kissmat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
River Birch	<i>Betula nigra</i>	>6	good	
River Birch	<i>Betula nigra</i>	>6	good	
Unknown	Unknown	>6	missing	
Valley Oak	<i>Quercus lobata</i>	<6	missing	
Unknown	Unknown	>6	good	<i>Morus</i>
Unknown	Unknown	>6	good	<i>Morus</i>
Unknown	Unknown	>6	good	<i>Morus</i>
Unknown	Unknown	>6	good	<i>Morus</i>
Unknown	Unknown	>6	good	<i>Morus/ mutation not Populus</i>
Cottonwood	<i>Populus fremontii</i>	>6	fair	Perch
Cottonwood	<i>Populus fremontii</i>	>6	fair	Perch
Cottonwood	<i>Populus fremontii</i>	>6	fair	Perch/ large trunk cavity
Cottonwood	<i>Populus fremontii</i>	>6	fair	Perch/ interesting trunk
Cottonwood	<i>Populus fremontii</i>	>6	good	Inbeded wire on trunk
Cottonwood	<i>Populus fremontii</i>	>6	good	Large hutch
Unknown	Unknown	>6	good	<i>Morus</i>
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Unknown	Unknown	>6	good	<i>Morus</i>

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kissmat Silva Property

Common Name	Botanical Name	Size	Condition	Comments	2010
Cottonwood	<i>Populus fremontii</i>	>6	good	Wet wood	
Cottonwood	<i>Populus fremontii</i>	>6	fair	One side alive and 1/2 trunk alive	
Holly Oak	<i>Quercus ilex</i>	>6	good		
Bur Oak	<i>Quercus macrocarpa</i>	>6	good		
Southern Live Oak	<i>Quercus virginiana</i>	>6	good		
Unknown	Unknown	>6	good	Eucalyptus	
Unknown	Unknown	>6	good		
Unknown	Unknown	>6	good	Wire on trunk	
Unknown	Unknown	>6	good	Wire on trunk	
Unknown	Unknown	>6	good	Morus	
River Birch	<i>Betula nigra</i>	>6	good		
Unknown	Unknown	>6	good	Morus	
Unknown	Unknown	>6	good		
River Birch	<i>Betula nigra</i>	>6	good		
Valley Oak	<i>Quercus lobata</i>	<6	good		
Valley Oak	<i>Quercus lobata</i>	>6	good	Rosa at tree base/ just 6-inch DBH	
Unknown	Unknown	<6	good		
Valley Oak	<i>Quercus lobata</i>	<6	good		

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kismat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH on most oaks in corral
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	One limb w/ included bark
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	>6	dead	On ground low perch
Unknown	Unknown	>6	good	<i>Morus</i>
Arroyo Willow	<i>Salix lasiolepis</i>	>6	good	x2
Valley Oak	<i>Quercus lobata</i>	<6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	x3
CA Wild Rose	<i>Rosa californica</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	poor	Beaver damage/ caged
Unknown	Unknown		good	Coyote

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kissat Silva Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Unknown	Unknown	>6	good	On island projected
CA Wild Rose	Rosa californica	>6	good	Nice stand
Valley Oak	Quercus lobata	<6	missing	
Unknown	Unknown	>6	good	
Valley Oak	Quercus lobata	<6	good	Regrowth good/ beaver chewed/ caged
Unknown	Unknown	>6	good	Large scar/ healthy growth
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	Morus
Unknown	Unknown	>6	good	
Unknown	Unknown	>6	good	Wire
Unknown	Unknown	>6	good	Eucalyptus
Unknown	Unknown	>6	missing	Stump
Unknown	Unknown	>6	missing	Stump w/ mushrooms
Unknown	Unknown	>6	good	Eucalyptus
Unknown	Unknown	>6	good	Multi-trunk up against barn
River Birch	Betula nigra	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1068, Betts Kissmat Silva Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Unknown	Unknown	>6	good	Shrub like/ morus
Southern Live Oak	<i>Quercus virginiana</i>	>6	good	
Southern Live Oak	<i>Quercus virginiana</i>	>6	good	
Unknown	Unknown	>6	good	Morus
River Birch	<i>Betula nigra</i>	>6	good	
River Birch	<i>Betula nigra</i>	>6	good	
River Birch	<i>Betula nigra</i>	>6	good	
Unknown	Unknown	<6	good	Spouting
Valley Oak	<i>Quercus lobata</i>	>6	good	Beautiful
Valley Oak	<i>Quercus lobata</i>	>6	good	Combined trunk/ scar healing
Valley Oak	<i>Quercus lobata</i>	>6	good	Combined trunk
Bur Oak	<i>Quercus macrocarpa</i>	>6	good	

STF Trees GeoDatabase

Natomas: Tree Condition by Site

Site: 1338, Bolen South

CommonName	good	fair	poor	dead	missing	other	Total
Cottonwood	1	0	0	0	0	0	1
Elderberry	1	0	0	0	0	0	1
Goodings' Willow	1	0	0	0	0	0	1
Unknown	1	0	0	0	0	0	1
Valley Oak	96	1	0	1	0	0	98
Totals for Site 1338	100	1	0	1	0	0	102



NATOMAS BASIN CONSERVANCY BOLEN SOUTH TREE SIZE

SUTTER COUNTY, CALIFORNIA



SOURCE:	DATE:
Tree locations GPS by Sacramento Tree Foundation	2009

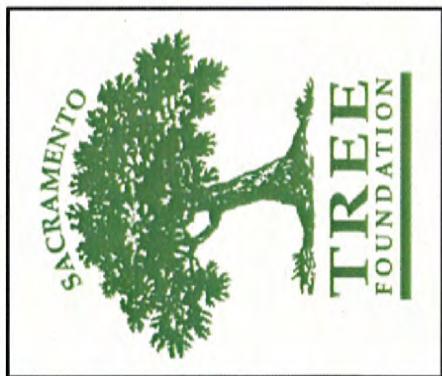
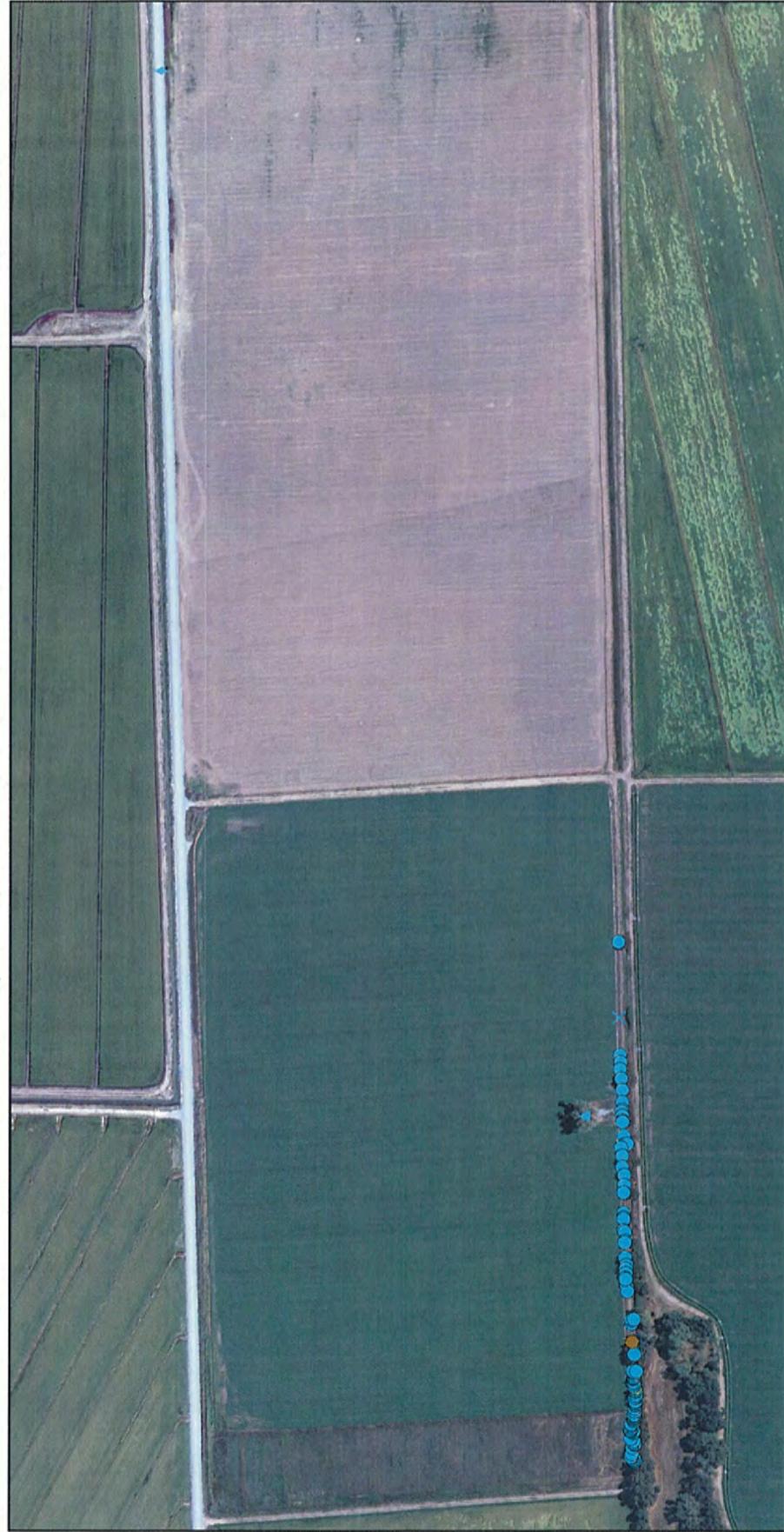
MAP NAME:	DATE:
BolenSouth_TreeSize.mxd	12/15/2009

LEGEND:

- < 6"
- > 6"
- Sapling

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.



NATOMAS BASIN CONSERVANCY
BOLEN SOUTH
TREES BY GENUS/ COMMON & CONDITION
SUTTER COUNTY, CALIFORNIA

SOURCE:	DATE:	LEGEND:	DISCLAIMER:
Tree locations GPS by Sacramento Tree Foundation	2009	● Good ▲ Cottonwood ★ Elderberry ◆ Goodings Willow × Unknown ● Valley Oak	The GPS locations were taken with a Dell Axim unit with ESRI ArcPad software and comes within 15' of accuracy.
Imagery provided by Jones and Stokes	2009	○ Fair ● Poor ■ Dead ○ Missing	
MAP NAME:	DATE:		
BolenSouth_Genus.mxd	12/15/2009		

Natomas Basin Conservancy
General Comments

Site: 1338, Bolen South Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	>6	good	1 nest
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk +5 volunteers between trees 28 & 29
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 vol between trees 30 & 31/ blackberry in tree
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	End blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Debris leaning on trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Tree tag/ slight split
Valley Oak	<i>Quercus lobata</i>	>6	good	Back line multi-trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 volunteer
Valley Oak	<i>Quercus lobata</i>	>6	good	+3 <6 volunteers
Valley Oak	<i>Quercus lobata</i>	>6	good	+7 volunteers
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1338, Bolen South Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Goodings' Willow	<i>Salix goodingii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Back line
Valley Oak	<i>Quercus lobata</i>	>6	good	+3 volunteers
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Unknown		>6	good	Bblackberry bramble large
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH/ blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 volunteer
Valley Oak	<i>Quercus lobata</i>	>6	good	+2 volunteer
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk

Natomas Basin Conservancy
 General Comments

Site: 1338, Bolen South Property
 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	+3 volunteers between trees 26 +27
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	x2
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	= 6-inch DBH +1 volunteer
Valley Oak	<i>Quercus lobata</i>	>6	good	+ 7 volunteers
Valley Oak	<i>Quercus lobata</i>	>6	good	x3 burried codominant trunks
Valley Oak	<i>Quercus lobata</i>	<6	good	x 11 volunteers
Valley Oak	<i>Quercus lobata</i>	>6	good	+9 volunteers between trees 21 +22
Valley Oak	<i>Quercus lobata</i>	>6	good	Little blackberry
Valley Oak	<i>Quercus lobata</i>	>6	good	+11 volunteers between trees 23 + 24
Valley Oak	<i>Quercus lobata</i>	>6	good	+14 volunteers between trees 24+ 25
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
 General Comments

Site: 1338, Bolen South Property
 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Slight S bend in trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	fair	Slight lean
Valley Oak	<i>Quercus lobata</i>	>6	good	South bend
Valley Oak	<i>Quercus lobata</i>	>6	good	Tree tag
Valley Oak	<i>Quercus lobata</i>	>6	good	+3 oak
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	x2
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Elderberry	<i>Sambucus mexicana</i>	>6	good	Blackberry bramble
Valley Oak	<i>Quercus lobata</i>	>6	good	Huge/ blackberry bramble

Natomas Basin Conservancy
General Comments

Site: 1338, Bolen South Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	dead	Perch
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Tree tag
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Y crotch
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	+2 <6 oak
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	x3 oak
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
 General Comments
 Site: 1338, Bolen South Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	x2
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dog leg limb/ south
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	x3
Valley Oak	<i>Quercus lobata</i>	>6	good	Tree tag
Valley Oak	<i>Quercus lobata</i>	<6	good	x2
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Could be out of boundary/ high blackberry bramble
Valley Oak	<i>Quercus lobata</i>	<6	good	x2

STF Trees GeoDatabase

Natomas: Tree Condition by Site

Site: 1070, Cummings

CommonName	good	fair	poor	dead	missing	other	Total
Black Walnut	37	0	0	0	1	0	38
Box Elder	16	0	0	0	1	0	17
CA Wild Rose	3	0	0	0	1	0	4
California Sycamo	9	0	0	0	0	0	9
Cottonwood	22	1	0	0	2	0	25
Elderberry	14	0	0	0	1	0	15
Flowering Plum	1	0	0	0	0	0	1
Oregon Ash	11	3	0	0	1	0	15
Unknown	4	0	0	0	3	0	7
Valley Oak	156	2	0	0	6	0	164
Totals for Site 1070	273	6	0	0	16	0	295



0 45 90 180 Feet

SOURCE: Tree locations GPS by Sacramento Tree Foundation

DATE: 2009

Imagery provided by Jones and Stokes

DATE: 2009

MAP NAME: Cummings_TreeSize.mxd **DATE:** 12/15/2009

NATOMAS BASIN CONSERVANCY CUMMINGS

SACRAMENTO COUNTY, CALIFORNIA

LEGEND:

- < 6"
- > 6"
- Sapling

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.



TREE
FOUNDATION



0 45 90 180 Feet

SOURCE: Tree locations GPS by Sacramento Tree Foundation

DATE: 2009

Imagery provided by Jones and Stokes

2009

MAP NAME: Cummings_Genus.mxd **DATE:** 12/15/2009

NATOMAS BASIN CONSERVANCY CUMMINGS TREES BY GENUS/ COMMON & CONDITION SACRAMENTO COUNTY, CALIFORNIA

LEGEND:

- Black Walnut
- ★ Elderberry
- Good
- Box Elder
- ◆ Plum
- Fair
- ⊕ CA Wild Rose
- ✳ Oregon Ash
- Poor
- ⊕ CA Sycamore
- Valley Oak
- Dead
- ▲ Cottonwood
- ✗ Unknown
- Missing

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.



Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Box Elder	<i>Acer negundo</i>	>6	good	Just 6-inches
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	missing	
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Unknown	Unknown	>6	good	Coyote 1
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Box Elder	<i>Acer negundo</i>	<6	missing	
Elderberry	<i>Sambucus mexicana</i>	>6	missing	
Unknown	Unknown	<6	missing	
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Unknown	Unknown	>6	missing	
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
 General Comments

Site: 1070, Cummings Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Box Elder	Acer negundo	<6	good	
Cottonwood	Populus fremontii	>6	good	
Cottonwood	Populus fremontii	>6	good	
Oregon Ash	Fraxinus latifolia	<6	fair	Leaf curl
Cottonwood	Populus fremontii	>6	good	
Cottonwood	Populus fremontii	>6	good	
Cottonwood	Populus fremontii	>6	good	
Box Elder	Acer negundo	<6	good	
Oregon Ash	Fraxinus latifolia	<6	fair	Leaf curl
Black Walnut	Juglans hindsii	>6	good	
Oregon Ash	Fraxinus latifolia	<6	good	Little leaf curl
CA Wild Rose	Rosa californica	<6	missing	
Box Elder	Acer negundo	<6	good	
Unknown	Unknown	Sapling	missing	
CA Wild Rose	Rosa californica	>6	good	
Elderberry	Sambucus mexicana	>6	good	
Elderberry	Sambucus mexicana	<6	good	
Valley Oak	Quercus lobata	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	Sapling	good	
Black Walnut	<i>Juglans hindsii</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Dual trunk twisted
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk/ nest
Valley Oak	<i>Quercus lobata</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Box Elder	<i>Acer negundo</i>	>6	good	Just 6-inch DBH
Cottonwood	<i>Populus fremontii</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	1 only
Valley Oak	<i>Quercus lobata</i>	<6	good	
Box Elder	<i>Acer negundo</i>	>6	good	Included trunk bark
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	

Natomas Basin Conservancy
 General Comments

Site: 1070, Cummings Property
 2010

Common Name	Botanical Name	Size	Condition	Comments
Elderberry	<i>Sambucus mexicana</i>	>6	good	Across canal
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	fair	Leaf curl
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	fair	Slight up rooting/ trunk damage
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Box Elder	<i>Acer negundo</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	Sapling	missing	
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
CA Wild Rose	<i>Rosa californica</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Regrowth/ across canal
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Box Elder	<i>Acer negundo</i>	>6	good	Included bark on trunk
Cottonwood	<i>Populus fremontii</i>	>6	good	
Box Elder	<i>Acer negundo</i>	>6	good	Included bark on trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	missing	Dead squirrel in tube
Valley Oak	<i>Quercus lobata</i>	<6	missing	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Dual trunk twisted
Flowering Plum	<i>Prunus blireiana</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Box Elder	<i>Acer negundo</i>	>6	good	Included bark on trunk
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	missing	
California Sycamore	<i>Platanus racemosa</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	<6	good	Limb wound
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	<6	missing	
Box Elder	<i>Acer negundo</i>	<6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Box Elder	<i>Acer negundo</i>	>6	good	Multi-trunk
Box Elder	<i>Acer negundo</i>	>6	good	
Box Elder	<i>Acer negundo</i>	>6	good	
Unknown	Unknown	<6	good	
Cottonwood	<i>Populus fremontii</i>	<6	good	Cut at trunk/ regrowth
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Black Walnut	<i>Juglans hindsii</i>	<6	good	Regrowth multi-trunk
Cottonwood	<i>Populus fremontii</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	missing	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	1 only
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Included bark on trunk
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	<6	good	
Box Elder	<i>Acer negundo</i>	>6	good	Included bark on trunk
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Included bark on trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	<6	missing	
Oregon Ash	<i>Fraxinus latifolia</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk/ nest
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Unknown	Unknown	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Galls
Valley Oak	<i>Quercus lobata</i>	>6	good	x2 nests
Valley Oak	<i>Quercus lobata</i>	>6	good	Large shrub combined = >6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	Cut limb debris in tree

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	fair	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Bend result of seeking sun
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Nest
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x4 trunks
Valley Oak	<i>Quercus lobata</i>	>6	good	embedded limb on trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	x2 trunk w/ 2 shoots

Natomas Basin Conservancy
 General Comments

Site: 1070, Cummings Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
California Sycamore	<i>Platanus racemosa</i>	>6	good	x2 very large
California Sycamore	<i>Platanus racemosa</i>	>6	good	Dual trunk
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	

Natomas Basin Conservancy
 General Comments

Site: 1070, Cummings Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
 General Comments

Site: 1070, Cummings Property
 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	x2 trunks
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
California Sycamore	<i>Platanus racemosa</i>	>6	good	Regrowth
Valley Oak	<i>Quercus lobata</i>	Sapling	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Unknown	Unknown	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindssii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Box Elder	<i>Acer negundo</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	Multi-trunk across canal
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	Multi-trunk
California Sycamore	<i>Platanus racemosa</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Black Walnut	<i>Juglans hindsii</i>	>6	good	Just 6-inch DBH
Black Walnut	<i>Juglans hindsii</i>	>6	good	Tire around trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	Competing w/ <i>Juglans</i>
Black Walnut	<i>Juglans hindsii</i>	<6	good	Competing w/ <i>Quercus</i>
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	Sapling	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
California Sycamore	<i>Platanus racemosa</i>	>6	good	Regrowth/ woodpeckers
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Regrowth/ shrub
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk

Natomas Basin Conservancy
 General Comments

Site: 1070, Cummings Property
 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	x3 trunks
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	fair	Broken leader
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x3 trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Nest
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Dog leg trunk

Natomas Basin Conservancy
General Comments

Site: 1070, Cummings Property

Common Name Botanical Name Size Condition Comments

Valley Oak	<i>Quercus lobata</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

STF Trees GeoDatabase

Natomas: Tree Condition by Site

Site: 1337, Frazier

CommonName	good	fair	poor	dead	missing	other	Total
Goodings' Willow	5	0	0	0	0	0	5
Valley Oak	3	0	0	0	0	0	3
Totals for Site 1337	8	0	0	0	0	0	8



0 75 150 300 Feet

SOURCE: Tree locations GPS by Sacramento Tree Foundation
DATE: 2009

Imagery provided by Jones and Stokes
DATE: 2009

MAP NAME: Fraizer_TreeSize.mxd DATE: 12/15/2009

NATOMAS BASIN CONSERVANCY
FRAIZER
TREE SIZE
SUTTER COUNTY, CALIFORNIA

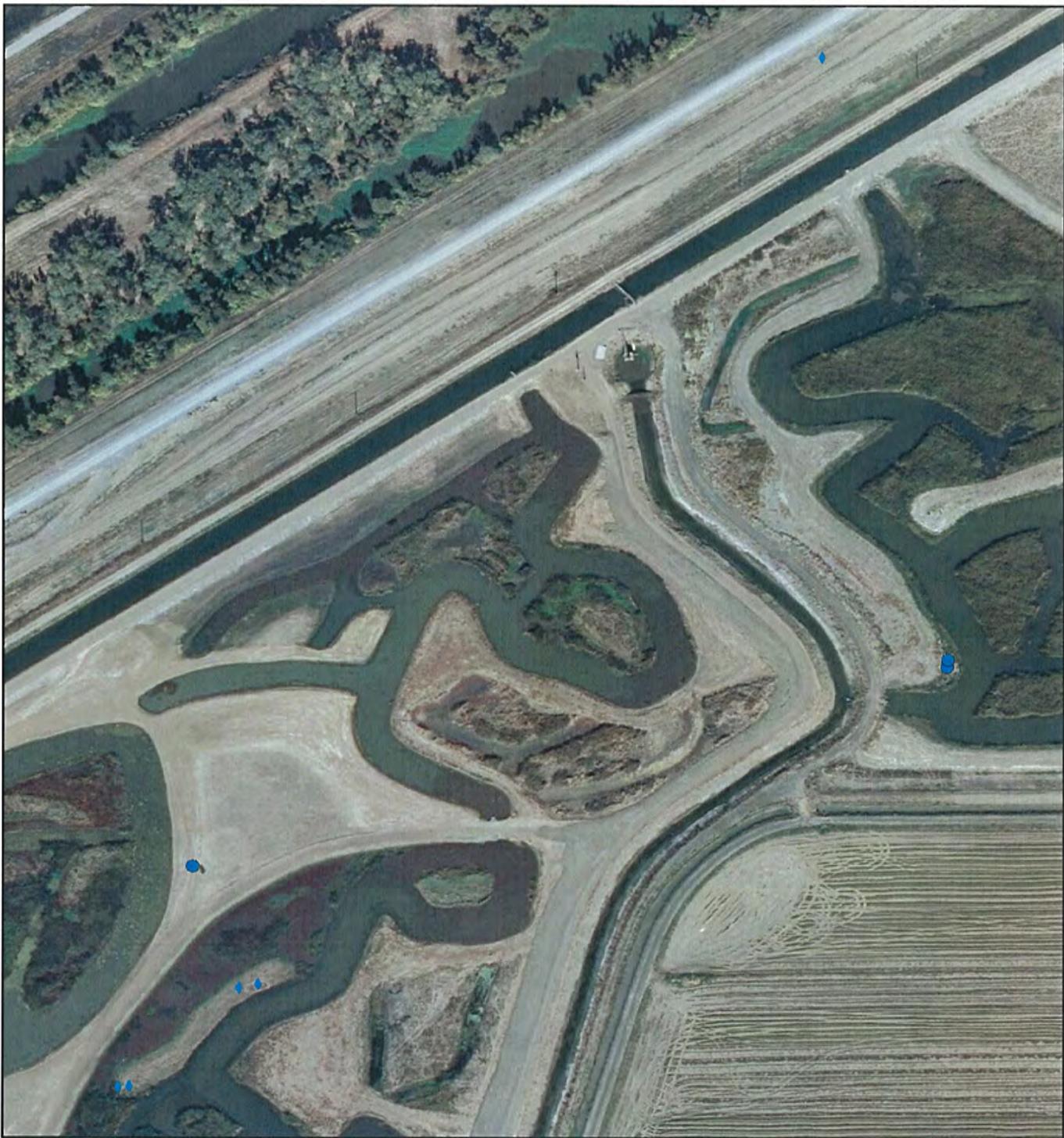
LEGEND:

- < 6"
- > 6"
- Sapling

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.





0 75 150 300 Feet

SOURCE: Tree locations GPS by Sacramento Tree Foundation
DATE: 2009

Imagery provided by Jones and Stokes
DATE: 2009

MAP NAME: Fraizer_Genus.mxd
DATE: 12/15/2009

NATOMAS BASIN CONSERVANCY
FRAIZER
TREES BY GENUS/ COMMON & CONDITION
SUTTER COUNTY, CALIFORNIA

LEGEND:

- ◆ Goodings Willow
- ×
- Valley Oak
- Good
- Fair
- Poor
- Dead
- Missing

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.



Natomas Basin Conservancy
General Comments

Site: 1337, Frazier Property

2010

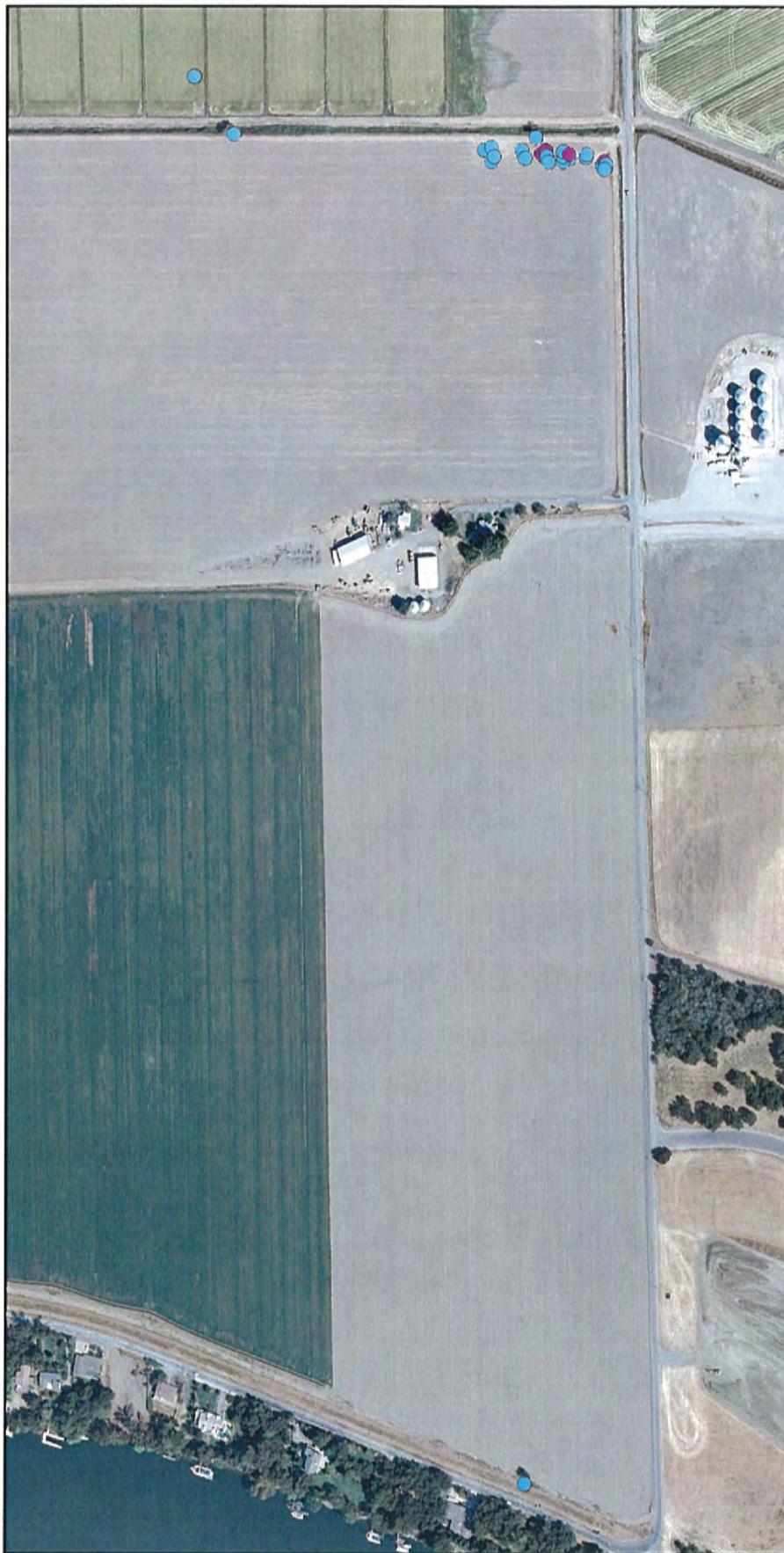
Common Name	Botanical Name	Size	Condition	Comments
Goodings' Willow	<i>Salix goodingii</i>	>6	good	Regrowth
Goodings' Willow	<i>Salix goodingii</i>	>6	good	Regrowth
Goodings' Willow	<i>Salix goodingii</i>	<6	good	Excess weeds competing
Goodings' Willow	<i>Salix goodingii</i>	>6	good	Combined trunks = >6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	Shrub-like
Goodings' Willow	<i>Salix goodingii</i>	<6	good	Across water
Valley Oak	<i>Quercus lobata</i>	<6	good	Shrub-like

STF Trees GeoDatabase

Natomas: Tree Condition by Site

Site: 1071, Huffman West & East

CommonName	good	fair	poor	dead	missing	other	Total
Cottonwood	27	1	0	0	0	0	28
Goodings' Willow	1	0	0	0	0	0	1
Valley Oak	1	0	0	0	0	0	1
Totals for Site 1071	29	1	0	0	0	0	30



NATOMAS BASIN CONSERVANCY HUFFMAN WEST & EAST TREE SIZE

SUTTER COUNTY, CALIFORNIA



0 135 270 540 Feet

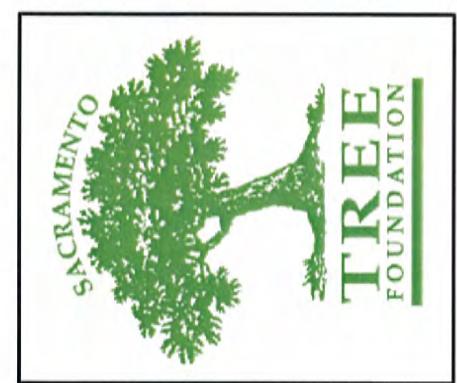
SOURCE: Tree locations GPS by Sacramento Tree Foundation
DATE: 2009
Imagery provided by Jones and Stokes

MAP NAME: Huffman W&E_TreeSize.mxd
DATE: 12/15/2009

LEGEND:

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.



NATOMAS BASIN CONSERVANCY
HUFFMAN WEST & EAST
TREES BY GENUS/ COMMON & CONDITION
SUTTER COUNTY, CALIFORNIA

SOURCE:	DATE:
Tree locations GPS by Sacramento Tree Foundation	2009
Imagery provided by Jones and Stokes	2009

MAP NAME:	DATE:
HuffmanW&E_Genus.mxd	12/15/2009

LEGEND:	DISCLAIMER:
<ul style="list-style-type: none"> ▲ Cottonwood ◆ Goodings Willow × ● Valley Oak 	<p>The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.</p>

Natomas Basin Conservancy
General Comments

Site: 1071, Huffman West & East Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	>6 = combined trunks
Cottonwood	<i>Populus fremontii</i>	>6	good	>6= combined trunks
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	>6=combined trunks
Cottonwood	<i>Populus fremontii</i>	>6	good	>6=combined trunks
Cottonwood	<i>Populus fremontii</i>	>6	good	>6=combined trunks
Goodings' Willow	<i>Salix goodingii</i>	>6	good	Full of birds 10:00AM
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	fair	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Across canal on Huffman East/woodpecker
Cottonwood	<i>Populus fremontii</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1071, Huffman West & East Property
2010

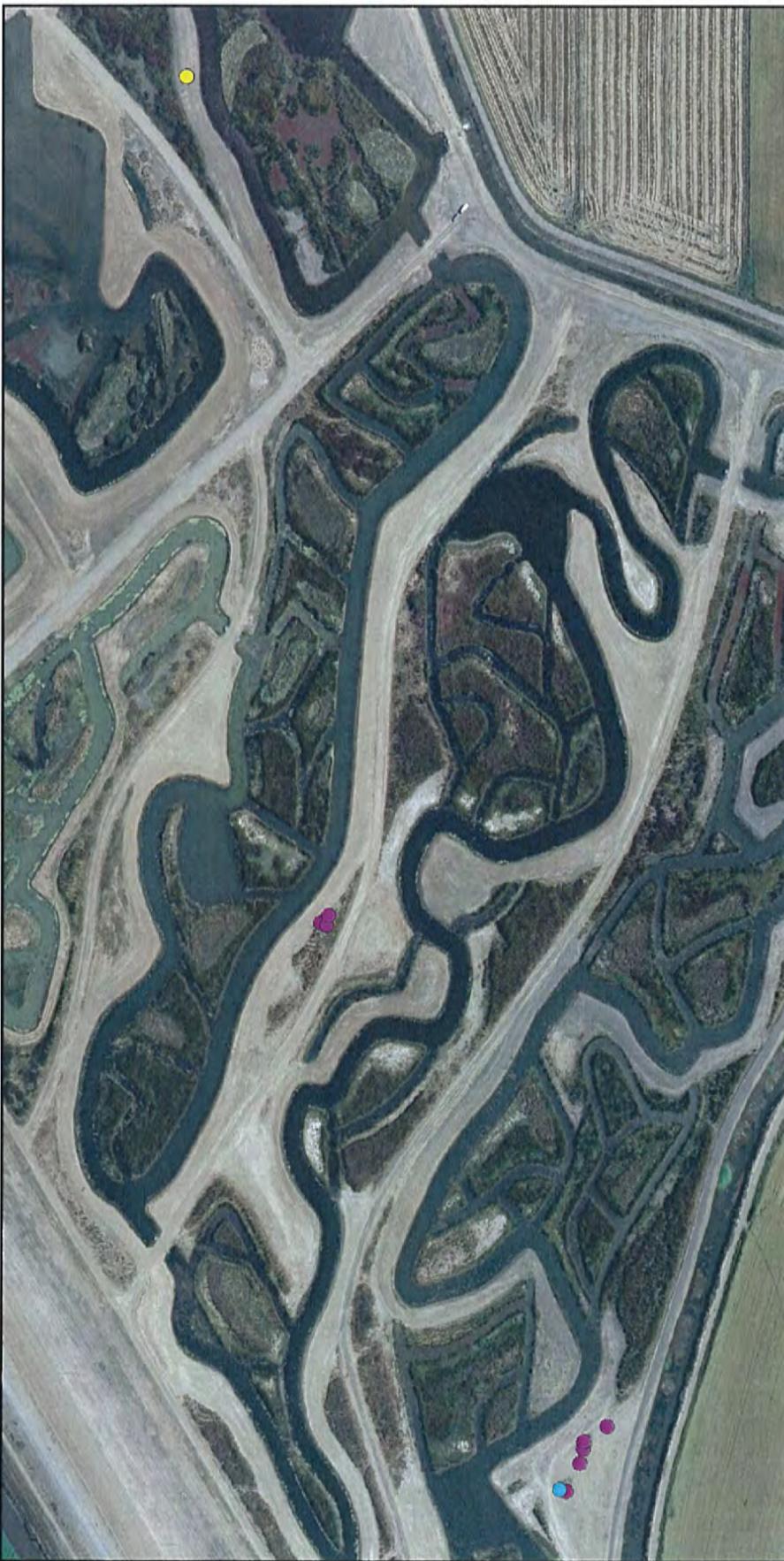
Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	>6= combined
Cottonwood	<i>Populus fremontii</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	>6=combined
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	All <i>Populus</i> in area nice
Cottonwood	<i>Populus fremontii</i>	>6	good	

STF Trees GeoDatabase

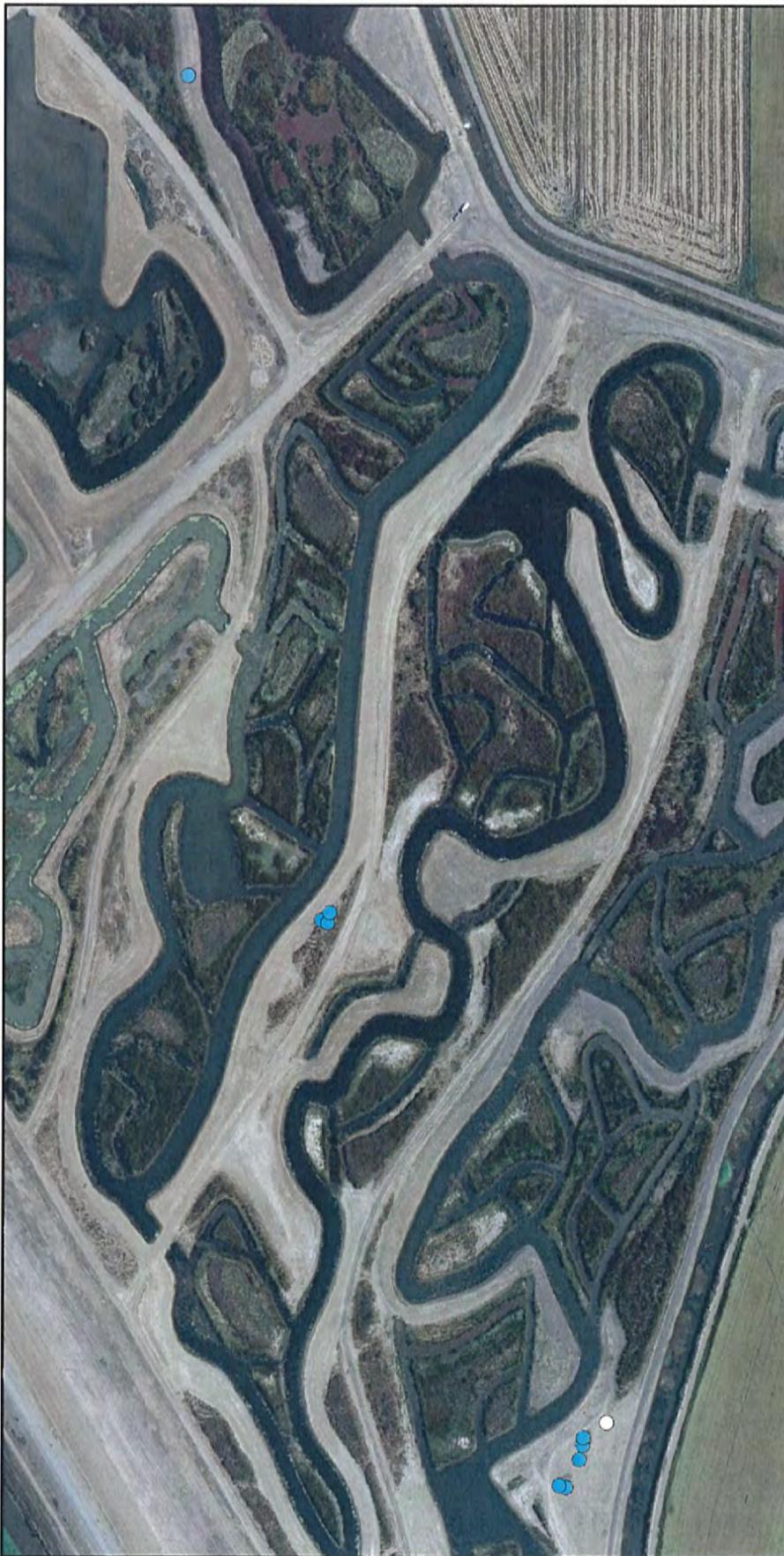
Natomas: Tree Condition by Site

Site: 1072, Lucich North

CommonName	good	fair	poor	dead	missing	other	Total
Valley Oak	9	0	0	0	1	0	10
Totals for Site 1072	9	0	0	0	1	0	10



NATOMAS BASIN CONSERVANCY		LUCICH NORTH		TREESIZE	
		SUTTER COUNTY, CALIFORNIA			
SOURCE:	GPS by Sacramento Tree Foundation	DATE:	2009	LEGEND:	DISCLAIMER:
Tree locations: GPS by Sacramento Tree Foundation		Imagery provided by Jones and Stokes	2009	<ul style="list-style-type: none"> ● < 6" ● > 6" ● Sapling 	The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.
MAP NAME:	LucichNorth_Treesize.mxd	DATE:	12/15/2009		



**NATOMAS BASIN CONSERVANCY
LUCICH NORTH
TREES BY GENUS/ COMMON & CONDITION
SUTTER COUNTY, CALIFORNIA**

SOURCE:	DATE:
Tree locations GPS by Sacramento Tree Foundation	2009
Imagery provided by Jones and Stokes	2009
MAP NAME:	DATE:
LucichNorth_Genus.mxd	12/15/2009

LEGEND:	DISCLAIMER:
● Cottonwood	● Good
▲ Goodings Willow	○ Fair
◆ Unknown	● Poor
×	● Dead
● Valley Oak	○ Missing

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.

Natomas Basin Conservancy
General Comments

Site: 1072, Lucich North Property 2010

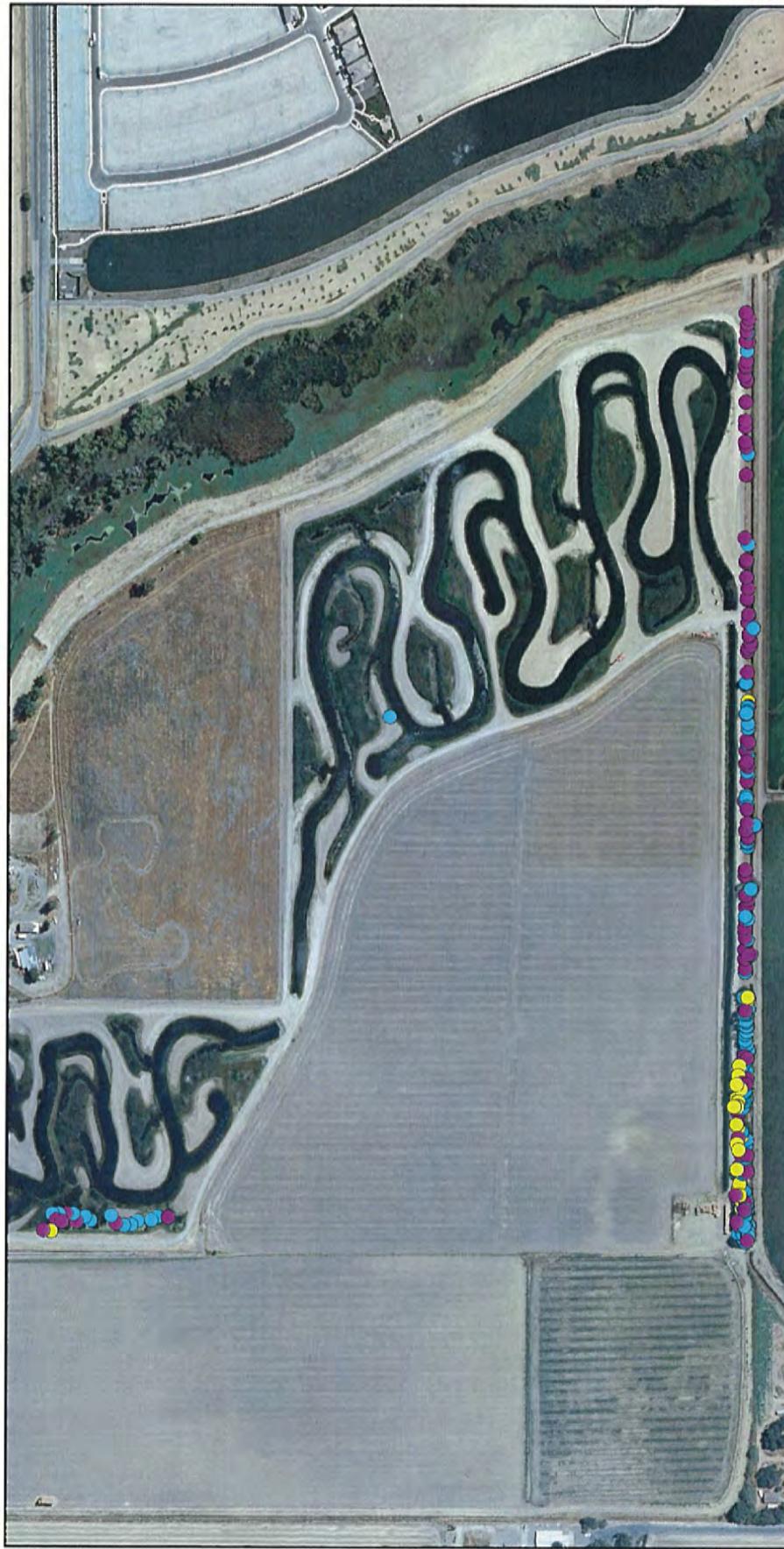
Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Caged
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Regrowth/ tree cut to 6 inches above ground
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Intertwined trunks
Valley Oak	<i>Quercus lobata</i>	<6	good	Broken leader
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	missing	

STF Trees GeoDatabase

Natomas: Tree Condition by Site

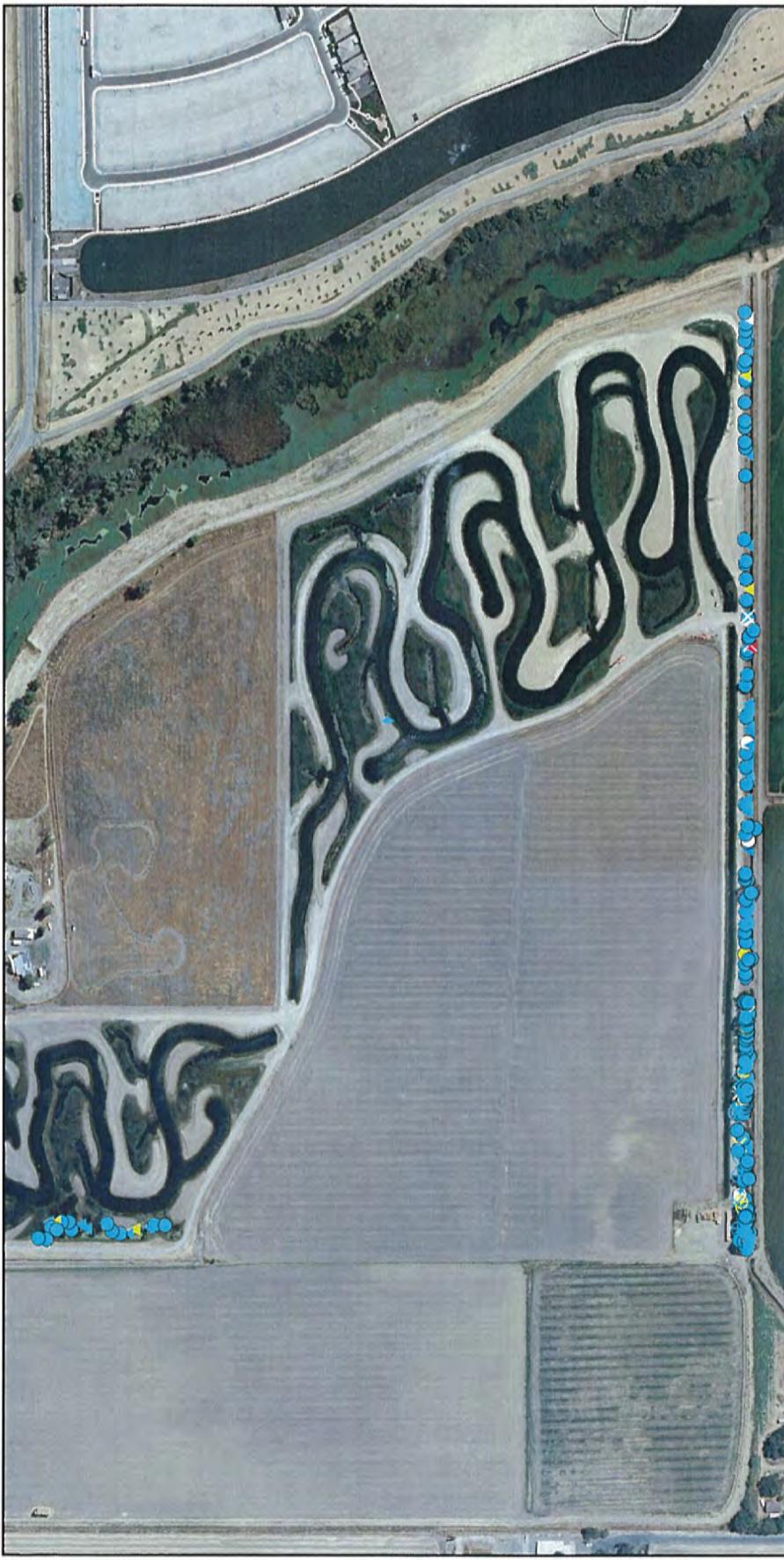
Site: 1074, Natomas Farms

CommonName	good	fair	poor	dead	missing	other	Total
Arroyo Willow	4	0	0	0	0	0	4
Black Walnut	11	0	0	0	0	0	11
CA Wild Rose	5	2	0	0	0	0	7
Cottonwood	42	5	1	0	2	0	50
Elderberry	10	1	0	0	0	0	11
Goodings' Willow	1	0	0	0	0	0	1
Unknown	6	1	0	0	3	0	10
Valley Oak	151	4	0	0	5	0	160
Totals for Site 1074	230	13	1	0	10	0	254



NATOMAS BASIN CONSERVANCY	
NATOMAS FARMS	
TREES SIZE	
SACRAMENTO COUNTY, CALIFORNIA	
LEGEND:	DISCLAIMER:
<ul style="list-style-type: none"> ● <6" ● >6" ● Sapling 	<p>The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.</p>

SOURCE:	DATE:
Tree locations GPS by Sacramento Tree Foundation	2009
Imagery provided by Jones and Stokes	
MAP NAME:	DATE:
NatomasFarms_TreeSize.mxd	12/15/2009



**NATOMAS BASIN CONSERVANCY
NATOMAS FARMS
TREES BY GENUS/ COMMON & CONDITION
SACRAMENTO COUNTY, CALIFORNIA**

LEGEND:	DISCLAIMER:
■ Black Walnut	● Good
⊕ CA Wild Rose	● Fair
▲ Cottonwood	● Poor
★ Elderberry	● Dead
● Valley Oak	○ Missing
◆ Willow	×
X Unknown	

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	Sapling	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x2 trunks
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x2 nests
Cottonwood	<i>Populus fremontii</i>	>6	good	Just 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	fair	Stress growth on limbs
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Hutch/ +2 volunteers <4
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Almost 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	fair	Spindly/ dead compacted leaves along limbs
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	fair	Mushrooms/ some mildew
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Some weeds

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	<6	good	Weeds
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Seeking sun
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Many volunteers near
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Weeds
Valley Oak	<i>Quercus lobata</i>	<6	good	Weeds
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	Sapling	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	Sapling	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Hutch
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	Sapling	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	fair	Stressed exposed roots
Elderberry	<i>Sambucus mexicana</i>	Sapling	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

2010

Site: 1074, Natomas Farms Property

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Unknown	Unknown	Sapling	missing	1 only
CA Wild Rose	<i>Rosa californica</i>	Sapling	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	Sapling	good	1 only
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Vines
Elderberry	<i>Sambucus mexicana</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Unknown	Unknown	<6	good	Coyote
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	1 nest
Black Walnut	<i>Juglans hindssii</i>	>6	good	
Elderberry	<i>Sambucus mexicana</i>	Sapling	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Vines
Elderberry	<i>Sambucus mexicana</i>	Sapling	good	
Unknown	Unknown	<6	good	Coyote
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Elderberry	<i>Sambucus mexicana</i>	Sapling	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Black Walnut	<i>Juglans hindssii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindssii</i>	>6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Juglans hindssii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Across canal
Valley Oak	<i>Quercus lobata</i>	>6	good	Across canal
Valley Oak	<i>Quercus lobata</i>	>6	good	Across canal
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	<6	missing	
Valley Oak	<i>Quercus lobata</i>	<6	good	Spots on leaves may be nutrient deficiency
Cottonwood	<i>Populus fremontii</i>	<6	fair	Defoliated possibly dead/ fenced
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Weeds
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	<6	fair	Possibly dead/ fencing
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Almost 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindssii</i>	Sapling	good	Volunteer
Valley Oak	<i>Quercus lobata</i>	<6	good	Weeds
Valley Oak	<i>Quercus lobata</i>	<6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	In canal looks >6
Valley Oak	<i>Quercus lobata</i>	good		
Unknown	Unknown	<6	fair	Recovering/ Juglens

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property
2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Bit larger than sapling
CA Wild Rose	<i>Rosa californica</i>	Sapling	good	
CA Wild Rose	<i>Rosa californica</i>	Sapling	good	
CA Wild Rose	<i>Rosa californica</i>	Sapling	fair	Struggling
Unknown	Unknown	Sapling	good	Coyote
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
CA Wild Rose	<i>Rosa californica</i>	<6	good	
CA Wild Rose	<i>Rosa californica</i>	Sapling	fair	Struggling
Unknown	Unknown	<6	good	Coyote
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Bit dry/ caged
CA Wild Rose	<i>Rosa californica</i>	Sapling	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	Corrective pruning
Valley Oak	<i>Quercus lobata</i>	<6	good	
Black Walnut	<i>Juglans hindsii</i>	<6	good	Volunteer

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Unknown	Unknown	<6	good	Coyote
Unknown	Unknown	Sapling	good	In cylinder
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Arroyo Willow	<i>Salix lasiolepis</i>	Sapling	good	
Elderberry	<i>Sambucus mexicana</i>	Sapling	good	
Elderberry	<i>Sambucus mexicana</i>	Sapling	fair	Top chewed
Arroyo Willow	<i>Salix lasiolepis</i>	Sapling	good	
Arroyo Willow	<i>Salix lasiolepis</i>	Sapling	good	
Elderberry	<i>Sambucus mexicana</i>	Sapling	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk = 6-inch DBH
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Dual trunk
Cottonwood	<i>Populus fremontii</i>	>6	fair	Looks dried up
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk = 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Weeds
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk = 6-inch DBH
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	missing	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk +6
Cottonwood	Sapling	<6	good	x5 volunteers
Valley Oak	<i>Populus fremontii</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Regrowth recovering/ weeds
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

2010

Site: 1074, Natomas Farms Property

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	Weeds
Valley Oak	<i>Quercus lobata</i>	<6	good	Weeds
Cottonwood	<i>Populus fremontii</i>	<6	poor	Nearly dead
Unknown	Unknown	<6	missing	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	<6	fair	Possibly dead/ fenced
Cottonwood	<i>Populus fremontii</i>	>6	fair	Dry
Cottonwood	<i>Populus fremontii</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	<6	good	
Unknown	Unknown	<6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	Across canal
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Weeds
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Healthy/ caged
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	<6	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	Across canal
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	<6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	Volunteers abundant near by
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	
Cottonwood	<i>Juglans hindsii</i>	>6	good	Almost 6-inch DBH
Black Walnut	<i>Juglans hindsii</i>	>6	good	Hutch
Black Walnut	<i>Juglans hindsii</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1074, Natomas Farms Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Black Walnut	<i>Juglans hindsii</i>	>6	good	
Cottonwood	<i>Populus fremontii</i>	>6	good	

STF Trees GeoDatabase

Natomas: Tree Condition by Site

Site: 1355, Ruby Ranch

CommonName	good	fair	poor	dead	missing	other	Total
Goodings' Willow	2	0	0	0	0	0	2
Valley Oak	6	0	0	0	0	0	6
Totals for Site 1355	8	0	0	0	0	0	8



0 45 90 180 Feet
A horizontal scale bar with tick marks at 0, 45, 90, and 180 feet.

SOURCE: DATE:
Tree locations GPS by 2009
Sacramento Tree Foundation

Imagery provided 2009
by Jones and Stokes

MAP NAME: DATE:
RubyRanch_Size_2009.mxd 12/15/2009

NATOMAS BASIN CONSERVANCY RUBY RANCH TREES BY SIZE SUTTER COUNTY, CALIFORNIA

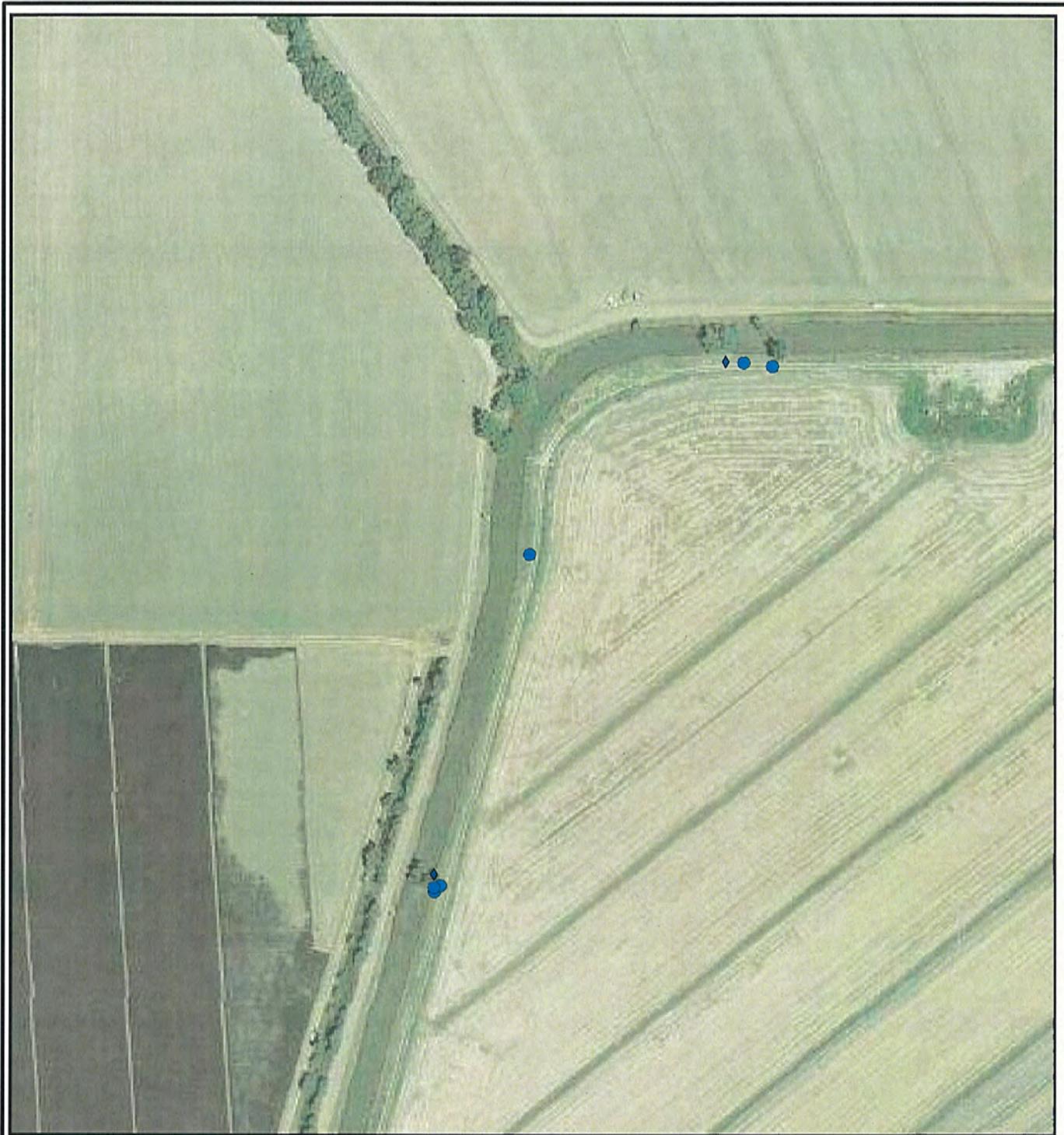
LEGEND:

- < 6"
- > 6"
- Sapling

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.





0 45 90 180 Feet
|---|---|

SOURCE: DATE:
Tree locations GPS by 2009
Sacramento Tree
Foundation

Imagery provided by Jones and Stokes

MAP NAME: DATE:
RubyRanch_Status.mxd 12/15/2009

NATOMAS BASIN CONSERVANCY RUBY RANCH

TREES BY GENUS/COMMON & CONDITION
SUTTER COUNTY, CALIFORNIA

LEGEND:

- ◆ Willow
 - Valley Oak
 - ×
 - Unknown
- Good
 - Fair
 - Poor
 - Dead
 - Missing

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.



Natomas Basin Conservancy
 General Comments

2010

Site: 1355, Ruby Ranch Property

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	<6	good	Dual trunk/shrub
Goodings' Willow	<i>Salix goodingii</i>	>6	good	Regrowth
Valley Oak	<i>Quercus lobata</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	>6	good	x2 nest
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Volunteer

STF Trees GeoDatabase

Natomas: Tree Condition by Site

Site: 1336, Vestal

CommonName	good	fair	poor	dead	missing	other	Total
Arroyo Willow	1	0	0	0	0	0	1
Goodings' Willow	2	0	0	0	0	0	2
Unknown	3	0	0	0	0	0	3
Valley Oak	87	3	0	1	2	0	93
Totals for Site 1336	93	3	0	1	2	0	99



SCALE:
0 75 150 300 Feet

SOURCE: DATE:
Tree locations GPS by Sacramento Tree Foundation 2009

Imagery provided by TerraServer 2009

MAP NAME: DATE:
Vestal_Size_2009.mxd 12/15/2009

NATOMAS BASIN CONSERVANCY VESTAL

TREE SIZE
SUTTER COUNTY, CALIFORNIA

LEGEND:

- < 6"
- > 6"
- Sapling

DISCLAIMER:

The GPS locations were taken with a Dell AXIM unit with ESRI ArcPad software and comes within 15' of accuracy.





SCALE:
0 150 300 Feet

SOURCE: DATE:
Tree locations GPS by 2009
Sacramento Tree Foundation
Imagery provided by 2009
TerraServer

MAP NAME: DATE:
Vestal_Status_2009.mxd 12/15/2009

NATOMAS BASIN CONSERVANCY VESTAL

TREES BY GENUS/COMMON & CONDITION
SUTTER COUNTY, CALIFORNIA

LEGEND:

- Oak
- Fair
- Poor
- Dead
- ◆ Willow
- Missing

DISCLAIMER:

The GPS locations were taken with a
Dell AXIM unit with ESRI ArcPad software
and comes within 15' of accuracy.



Natomas Basin Conservancy
General Comments

Site: 1336, Vestal Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Multiple volunteers along this section
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk burried
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	A lot of galls
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	1 large broken limb hung up in canopy
Valley Oak	<i>Quercus lobata</i>	>6	good	In canal
Valley Oak	<i>Quercus lobata</i>	>6	good	Fair amount of gall/s/ +5 volunteers
Valley Oak	<i>Quercus lobata</i>	Sapling	missing	
Valley Oak	<i>Quercus lobata</i>	>6	good	Full of black birds/ on bank of canal
Unknown	Unknown	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Unknown	Unknown	>6	good	Edible fig
Valley Oak	<i>Quercus lobata</i>	>6	good	Nest
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Multiple volunteers
Valley Oak	<i>Quercus lobata</i>	Sapling	good	x10 volunteers

Natomas Basin Conservancy
General Comments

Site: 1336, Vestal Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Couple of splits in trunk healing
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry bramble/ burried dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Cleaned up
Valley Oak	<i>Quercus lobata</i>	>6	good	Cleaned up
Valley Oak	<i>Quercus lobata</i>	>6	good	On bank/ +1 volunteer <6-inch DBH near
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Cleaned up
Valley Oak	<i>Quercus lobata</i>	>6	good	1 broken limb
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Wound harding off
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	+1 volunteer
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
 General Comments

Site: 1336, Vestal Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Callused split
Valley Oak	<i>Quercus lobata</i>	>6	good	Nest in tree across canal
Valley Oak	<i>Quercus lobata</i>	>6	good	+3 volunteers/blackberry emerging
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	x2 nests
Valley Oak	<i>Quercus lobata</i>	>6	good	Trunk wound callused
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	1 nest/ tree or section in water possibly dead
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Salix gooddingii</i>	>6	good	Submerged trunk
Goodings' Willow	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Bend in trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Regrowth healthy at base
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1336, Vestal Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Multiple galls
Valley Oak	<i>Quercus lobata</i>	>6	good	Dual trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Broken limb needs removal
Valley Oak	<i>Quercus lobata</i>	>6	good	Shrub-like
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Interesting window created within trunk
Valley Oak	<i>Quercus lobata</i>	>6	good	Broken limb in canopy
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	<6	good	Great location/ volunteer doing well
Valley Oak	<i>Quercus lobata</i>	<6	good	Volunteer doing well/ multiple shrub like <6
Valley Oak	<i>Quercus lobata</i>	Sapling	good	Good placement

Natomas Basin Conservancy

General Comments

Site: 1336, Vestal Property

2010

Common Name	Botanical Name	Size	Condition	Comments
Arroyo Willow	<i>Salix lasiolepis</i>	<6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Goodings' Willow	<i>Salix goodingii</i>	<6	good	Poison oak
Unknown	Unknown	<6	good	Edible fig
Valley Oak	<i>Quercus lobata</i>	>6	good	Some blackberry/ edible fig/ vines
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry
Valley Oak	<i>Quercus lobata</i>	>6	good	Blackberry
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	dead	Broken at trunk/ tagged
Valley Oak	<i>Quercus lobata</i>	>6	good	Need limb removal from neighboring tree
Valley Oak	<i>Quercus lobata</i>	>6	good	Stump/ sprouting volunteers near
Valley Oak	<i>Quercus lobata</i>	>6	fair	Dead top
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Volunteer edible fig near
Valley Oak	<i>Quercus lobata</i>	>6	fair	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Natomas Basin Conservancy
General Comments

Site: 1336, Vestal Property 2010

Common Name	Botanical Name	Size	Condition	Comments
Valley Oak	<i>Quercus lobata</i>	>6	good	Oak across canal fell
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Multi-trunk
Valley Oak	<i>Quercus lobata</i>	>6	fair	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	Leaning
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	
Valley Oak	<i>Quercus lobata</i>	>6	good	

Appendix

Common names listed in the general comments section as unknowns are botanically recognized as:

Arroyo willow = *Salix lasiolepis*

Button willow = *Cephalanthus occidentalis*

Coyote = *Baccharis pilularis*

Edible fig = *Ficus carica*

Mule fat = *Baccharis salicifolia*

Rosa = *Rosa californica*