

Preliminary Tree Report

**485 South Monroe Street
San Jose, CA**

Prepared for:

**David J. Powers & Assoc.
1885 The Alameda Suite 204
San Jose, CA 95126**

Prepared by:

**Concentric Ecologies
754 The Alameda Suite 4106
San Jose, CA 95126**

April 2007

Preliminary Tree Report
485 South Monroe Street
San Jose, CA

Table of Contents

Introduction and Overview	1
Survey Methods	2
Description of Trees and Suitability for Preservation	5

List of Tables

Tree Health and Frequency of Occurrence
Suitability for Preservation Frequency
List of Entire Inventory

Attachments

Tree Survey Map

Introduction and Overview

David J. Powers & Assoc., while coordinating an Environmental Impact Statement, has contracted with Concentric Ecologies to develop a Tree Report for review by the City of San Jose, California. The site will be referred to as:

485 South Monroe Street

The physical addresses being:

485 South Monroe Street, San Jose, CA 95128

The report includes the following information:

- An evaluation of the health of the trees from a ground level, visual inspection.
- An evaluation of the impacts of the proposed development on the trees.
- Overhead maps showing tree locations.

The inspection was done at ground level and no biological tests were performed.

Methods

The inventory includes the diameter at two feet above grade, the height, overall health/vigor, and the potential hazards the trees may pose to structures and pedestrians. The inspection includes all tree measuring 6 inches in diameter and greater. The inspection was done visually and no biological tests were performed. The survey followed the following steps:

1. Tree Identification, as per species and variety, where able.
2. Measuring the diameter of each tree at 24 inches above grade.
3. Evaluating the overall health of each individual tree using a 1 through 5 rating system whereas;

1. = Poor Health
2. = Fair Health
3. = Average
4. = Good Health
5. = Excellent Health

4. Rated the suitability for preservation whereas:

Good = Trees with good or excellent health and good or excellent structure and have a reasonable chance to survive construction.

Moderate = Trees that have an average or fair health and average or fair structure and, with adequate care, may survive the construction.

Poor = Trees that, either because of poor health or poor structure, are not good candidates for survival. This category may include species that are unsuitable for landscapes.

Tree preservation considers several different factors.

- Overall tree health is the main consideration when ascertaining a tree's chance of surviving the ordeal of surviving in a construction zone.
- Species life span or longevity – if a tree is near the end of its useful life it may not be a good candidate for preservation.
- Structure – Often overlooked, improper structure can limit a tree's lifespan and therefore lower the tree's overall suitability for preservation.
- Individual tree responses – Some trees are more tolerant of disturbance; while others are not.

TYPES OF CONSTRUCTION DAMAGE

Tree decline and mortality, around newly constructed homes, is a result primarily from damage to the root system. During construction, roots are frequently cut when installing foundations, water and sewer lines or other utilities, driveways, curbs, sidewalks, etc.

Many roots are also lost when soil is removed during grading. Feeder roots occur primarily within the top six to eight inches of soil, and removing just a few inches of soil during grading can result in the elimination of much of these roots. Loss of feeder roots will reduce the water and nutrient absorption capability, which can eventually lead to decline. Cutting large roots increases the possibility of windthrow during severe storms and may lead to future hazardous decay. Compaction of the soil or placing fill over a tree root system during grading is equally as destructive as cutting and removing roots. All plant cells, including those in the roots, require oxygen to survive. Root cells obtain oxygen from pores within the soil. When the soil over the root system of a tree is compacted or fill is added during grading, the amount of soil air is greatly reduced. At the same time, gases toxic to plant roots tend to accumulate in the soil. These adverse factors result in root mortality and tree decline. Mechanical injuries to the stem and limbs also contribute to tree decline. Bark injuries inhibit transport of water and nutrients to the crown and allow entrance of decay and other disease organisms.

PREVENTING CONSTRUCTION DAMAGE

Root Damage - Reducing root damage is the key to preventing tree decline and death after building construction. Physical barriers such as fencing should be erected around trees to prevent encroachment by construction equipment. This will minimize soil compaction and also prevent fill and other debris from being placed over the root system. Barriers preferably should be placed at least midway between the bole of the tree and the drip line. If construction equipment must pass close to the tree, a bridge can be constructed over the root system. This is done by placing a steel plate over railroad ties, which are placed at intervals along the ground as supports.

Grade Changes - Grade changes around trees should be avoided whenever possible. If fill must be placed over the root system of a tree, construction of a tree well will help minimize the impact of the fill. If the grade must be cut, this should be done outside the tree's root system. Methods for cutting the grade near trees are described in the aforementioned technical report.

Pruning - Prior to the initiation of construction, interfering lower limbs on trees to be saved should be pruned to allow access for construction equipment. Large deadwood also should be removed at this time in order to eliminate a possible safety hazard to construction workers. Trees remaining on the building lot may be pruned to compensate for damage to the root system that inevitably occurs during construction, if they are excessively damaged. The objective is to reduce the size of the crown to a level that the root system can support. If removing live limbs choose sucker growth, competing and

conflicting limbs and low, interfering branches. Lightly cutting back side branches may be necessary to further "lighten" the crown if root disturbance was severe.

The crown should not be cut back harshly (topped).

Corrective pruning can be undertaken either before construction begins or immediately following completion.

Removing more than 15% of foliage may be detrimental.

Description of Trees

The inspection was conducted April 26th 2007. 91 trees were inspected. The survey includes all trees measuring 1 inches in diameter and greater measured at 2 feet above grade, also included are any trees that are over 6 feet in height regardless of diameter. The survey was done from ground level and no biological tests were performed.

The site consists of one flat and level commercial lot.

The site is populated with one abandoned telephone company office building and several large parking lots. The landscaping plantings border these parking lots and for the most part are in fair to poor condition. For the most part the landscape trees have been ignored and when pruning was done, it was of a sub-standard nature.

The most prevalent landscape tree on this property is the Privet. This plant is most widely used as a hedge but left unpruned can grow to 20 feet, as is the case in the west parking lot. The privets in the western most section of the property have been left to grow unchecked and have grown into an immense 20 foot hedge. At this point these overgrown shrubs, of which there are at least 13 separate plants, (tag numbers 32-45) comprise one huge 'hedge'. These plant cannot be effectively reduced, so they are labeled poor candidates for preservation.

The center parking lot has 11 Arbutus trees, (Tags 26,53-63) These trees are well suited to the harsh conditions of the parking lot and with ample water. They exhibit remarkably good performance in a wide variety of soil conditions. These trees have a good suitability for preservation except for tags 58 and 62 which have structural issues (excessive leaning).

The property is populated with 7 eucalyptus trees along the rear of the property; near the northwest corner. One of these trees is dead and the other six are infested with Lerp Psyllid, which is a sucking insect. Tags 81, 82 and 83 with are located along South Baywood Ave. are also infested with the Lerp Psyllid. 2 of these Eucalyptus trees may be saved if they receive proper treatment, the other 8 are poor candidates for preservation due to this ailment.

There are 7 Monterey Pines on this property. All are in various stages of decline due to attacks by red-turpentine beetles. These beetles are hard to control and, without doubt, all 7 of the Monterey Pines will eventually succumb to these insects. They are rate poor candidates for preservation. **At least one of these plants poses an immediate danger and should be promptly dismantled.**

There are 7 Scrub Oaks along South Baywood Ave. and Tisch Way. These plants are a native species and we have seen these plants do fairly well in parking lot condition. They are marked as Moderate candidates for preservation, with the exception of tag numbers 85,86 and 87 which are poorly suited for preservation due to overcrowding.

6 Chinese Elms are located at different points on the property, the 3 specimens at the rear of the property are in good shape and after a crown raising and proper thinning will compliment this property(tags 48,49 & 50). One Chinese elm lies along Dudley Ave. These Elm has structural issues and is rated a poor candidate for preservation.2 Chinese Elms are located in the courtyard of the existing building, these trees have had there crowns raised to high and are in an overcrowded area. Because of there size they are rated as good candidates for preservation.

5 Sycamore trees line the South Monroe Street side of the property. These trees are relatively young and small. 3 are moderate candidates for preservation and 2 are poor candidates for preservation. See Complete Inventory for tag numbers.

5 Eugenia plants border the north side of the property, they are overgrown and overcrowded. They have earned a Poor Rating for preservation.

2 Brazilian pepper trees are located in the courtyard of the office building. These trees have been topped and are poor candidates for preservation.

5 Purple Leaf plums in various stages of decline. The largest of which is on the front lawn on Monroe Street. **This tree is a hazard and should be removed.**

1 Wild Plum lies near the parking lot entrance, this tree displays co-dominant stems and is in imminent danger of failing. **This tree is a hazard and should be removed.**

All the trees are listed in the 'Complete Inventory' report below.

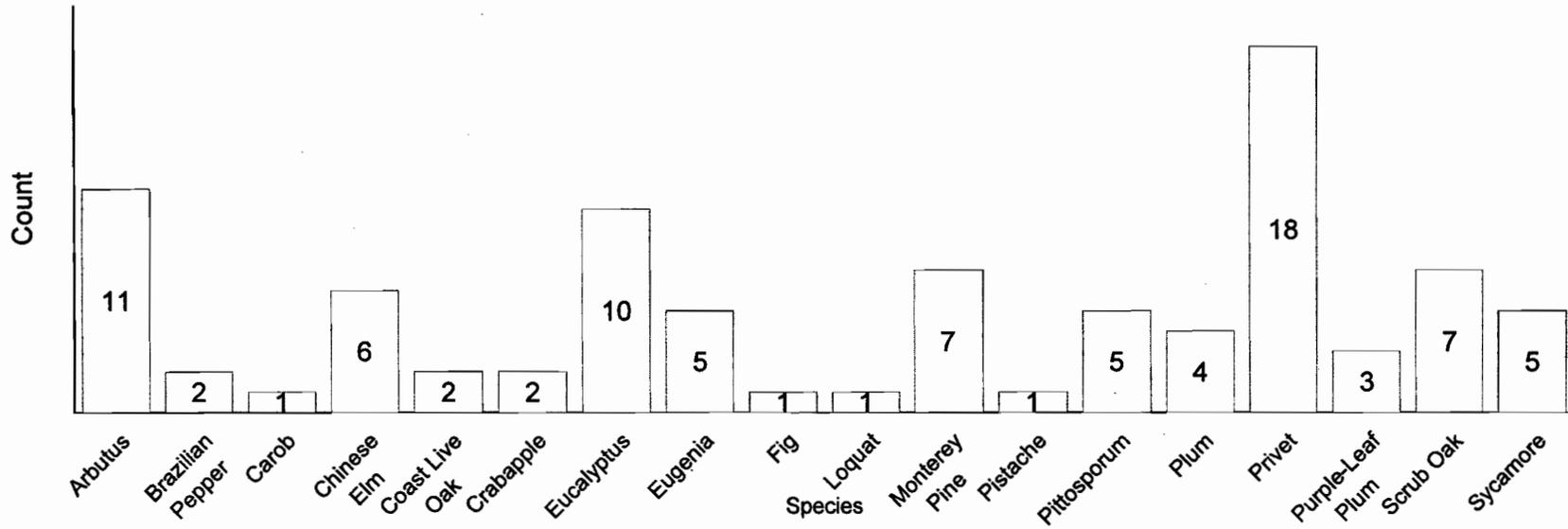
485 South Monroe Street

Printed Date: 4/30/2007

Last modified: 4/30/2007

Report Description: Total Inventory with Stats

Count by Species



Arbutus

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
26	4	Arbutus	Good Health	Good Suitability for Preservation	Insect Infestation	
53	7	Arbutus	Average Health	Good Suitability for Preservation		
54	4	Arbutus	Average Health	Good Suitability for Preservation		
55	6	Arbutus	Average Health	Good Suitability for Preservation		
56	4	Arbutus	Average Health	Good Suitability for Preservation		
58	7	Arbutus	Average Health	Moderate Suitability for Preservation		
59	7	Arbutus	Average Health	Good Suitability for Preservation		
60	7	Arbutus	Average Health	Good Suitability for Preservation		
61	6	Arbutus	Average Health	Good Suitability for Preservation		
62	7	Arbutus	Average Health	Poor Suitability for Preservation		
63	4	Arbutus	Average Health	Good Suitability for Preservation		

Number of Arbutus: 11
Maximum Arbutus Diameter: 7
Average Arbutus Diameter: 6

Brazilian Pepper

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
72	29	Brazilian Pepper	Fair Health	Poor Suitability for Preservation	Topped	
73	33	Brazilian Pepper	Fair Health	Poor Suitability for Preservation	Topped	

Number of Brazilian Pepper: 2
Maximum Brazilian Pepper Diameter: 33
Average Brazilian Pepper Diameter: 31

Carob

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
37	5	Carob	Average Health	Moderate Suitability for Preservation		

Number of Carob: 1
Maximum Carob Diameter: 5
Average Carob Diameter: 5

Chinese Elm

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
46	14	Chinese Elm	Average Health	Poor Suitability for Preservation	Structural Problems	
48	18	Chinese Elm	Average Health	Good Suitability for Preservation		
49	18	Chinese Elm	Average Health	Good Suitability for Preservation		
50	19	Chinese Elm	Average Health	Good Suitability for Preservation		
74	16	Chinese Elm	Average Health	Good Suitability for Preservation		
75	17	Chinese Elm	Average Health	Good Suitability for Preservation		

Number of Chinese Elm: 6
Maximum Chinese Elm Diameter: 19
Average Chinese Elm Diameter: 17

Coast Live Oak

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
88	2	Coast Live Oak	Average Health	Good Suitability for Preservation		
89	5	Coast Live Oak	Average Health	Good Suitability for Preservation		

Number of Coast Live Oak: 2
Maximum Coast Live Oak Diameter: 5
Average Coast Live Oak Diameter: 4

Crabapple

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
77	5	Crabapple	Fair Health	Poor Suitability for Preservation		
78	8	Crabapple	Fair Health	Poor Suitability for Preservation		

Number of Crabapple: 2
Maximum Crabapple Diameter: 8
Average Crabapple Diameter: 7

Eucalyptus

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
19	19	Eucalyptus	Average Health	Moderate Suitability for Preservation	Insect Infestation	
20	25	Eucalyptus	Average Health	Moderate Suitability for Preservation	Insect Infestation	
21	8	Eucalyptus	Fair Health	Poor Suitability for Preservation	Insect Infestation	
22	27	Eucalyptus	Average Health	Poor Suitability for Preservation	Insect Infestation	
23	4	Eucalyptus	Poor Health	Poor Suitability for Preservation	Insect Infestation	
24	7	Eucalyptus	Poor Health	Poor Suitability for Preservation	Insect Infestation	
25	11	Eucalyptus	Poor Health	Poor Suitability for Preservation	Insect Infestation	
81	24	Eucalyptus	Poor Health	Poor Suitability for Preservation	Insect Infestation	
82	21	Eucalyptus	Fair Health	Poor Suitability for Preservation	Insect Infestation	
83	38	Eucalyptus	Fair Health	Poor Suitability for Preservation	Insect Infestation	

Number of Eucalyptus: 10
Maximum Eucalyptus Diameter: 38
Average Eucalyptus Diameter: 18

Eugenia

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
65	2	Eugenia	Fair Health	Poor Suitability for Preservation		
66	2	Eugenia	Fair Health	Poor Suitability for Preservation		
67	2	Eugenia	Fair Health	Poor Suitability for Preservation		
68	2	Eugenia	Fair Health	Poor Suitability for Preservation		
69	2	Eugenia	Fair Health	Poor Suitability for Preservation		

Number of Eugenia: 5
Maximum Eugenia Diameter: 2
Average Eugenia Diameter: 2

Fig

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
80	1	Fig	Average Health	Poor Suitability for Preservation		

Number of Fig: 1
Maximum Fig Diameter: 1
Average Fig Diameter: 1

Loquat

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
31	2	Loquat	Average Health	Poor Suitability for Preservation		

Number of Loquat: 1
Maximum Loquat Diameter: 2
Average Loquat Diameter: 2

Monterey Pine

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
17	30	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
18	31	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
27	28	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
57	16	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
64	14	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
70	24	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
71	26	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	

Number of Monterey Pine: 7
Maximum Monterey Pine Diameter: 31
Average Monterey Pine Diameter: 24

Pistache

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
1	6	Pistache	Average Health	Moderate Suitability for Preservation		

Number of Pistache: 1
Maximum Pistache Diameter: 6
Average Pistache Diameter: 6

Pittosporum

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
16	7	Pittosporum	Average Health	Poor Suitability for Preservation		
28	3	Pittosporum	Average Health	Poor Suitability for Preservation		
29	3	Pittosporum	Average Health	Poor Suitability for Preservation		
30	3	Pittosporum	Average Health	Poor Suitability for Preservation		
91	9	Pittosporum	Fair Health	Poor Suitability for Preservation	Multi-stemmed	

Number of Pittosporum: 5
Maximum Pittosporum Diameter: 9
Average Pittosporum Diameter: 5

Plum

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
12	8	Plum	Average Health	Moderate Suitability for Preservation	Multi-Stemmed	
13	8	Plum	Average Health	Moderate Suitability for Preservation	Multi-Stemmed	
14	8	Plum	Average Health	Moderate Suitability for Preservation	Multi-Stemmed	
15	5	Plum	Average Health	Moderate Suitability for Preservation	Multi-Stemmed	

Number of Plum: 4
Maximum Plum Diameter: 8
Average Plum Diameter: 7

Privet

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
5	2	Privet	Fair Health	Poor Suitability for Preservation		
6	2	Privet	Fair Health	Poor Suitability for Preservation		
7	2	Privet	Fair Health	Poor Suitability for Preservation		
8	2	Privet	Fair Health	Poor Suitability for Preservation		
32	3	Privet	Average Health	Poor Suitability for Preservation		
33	3	Privet	Average Health	Poor Suitability for Preservation		
34	2	Privet	Average Health	Poor Suitability for Preservation		
35	2	Privet	Average Health	Poor Suitability for Preservation		
36	3	Privet	Average Health	Poor Suitability for Preservation		
38	2	Privet	Average Health	Poor Suitability for Preservation		
39	2	Privet	Average Health	Poor Suitability for Preservation		
40	2	Privet	Average Health	Poor Suitability for Preservation		
41	2	Privet	Average Health	Poor Suitability for Preservation		
42	2	Privet	Average Health	Poor Suitability for Preservation		
43	2	Privet	Average Health	Poor Suitability for Preservation		
44	2	Privet	Average Health	Poor Suitability for Preservation		
45	2	Privet	Average Health	Poor Suitability for Preservation		
47	2	Privet	Average Health	Poor Suitability for Preservation		

Number of Privet: 18
Maximum Privet Diameter: 3
Average Privet Diameter: 2

Purple-Leaf Plum

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
4	14	Purple-Leaf Plum	Poor Health	Poor Suitability for Preservation	Diseased	
76	5	Purple-Leaf Plum	Poor Health	Poor Suitability for Preservation		
79	6	Purple-Leaf Plum	Poor Health	Poor Suitability for Preservation		

Number of Purple-Leaf Plum: 3
Maximum Purple-Leaf Plum Diameter: 14
Average Purple-Leaf Plum Diameter: 8

Scrub Oak

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
51	14	Scrub Oak	Average Health	Moderate Suitability for Preservation		
52	18	Scrub Oak	Average Health	Moderate Suitability for Preservation		
84	1	Scrub Oak	Average Health	Moderate Suitability for Preservation		
85	1	Scrub Oak	Average Health	Poor Suitability for Preservation		
86	2	Scrub Oak	Average Health	Poor Suitability for Preservation		
87	2	Scrub Oak	Average Health	Poor Suitability for Preservation		
90	3	Scrub Oak	Average Health	Moderate Suitability for Preservation		

Number of Scrub Oak: 7
Maximum Scrub Oak Diameter: 18
Average Scrub Oak Diameter: 6

Sycamore

Tag	Diameter	Common name	Health Rating	Suitability for Preservation	Comment	Picture
2	5	Sycamore	Average Health	Poor Suitability for Preservation		
3	5	Sycamore	Average Health	Poor Suitability for Preservation		
9	7	Sycamore	Average Health	Moderate Suitability for Preservation		
10	5	Sycamore	Average Health	Moderate Suitability for Preservation		
11	5	Sycamore	Average Health	Moderate Suitability for Preservation		

Number of Sycamore: 5
Maximum Sycamore Diameter: 7
Average Sycamore Diameter: 5

Total Trees in this Survey: 91

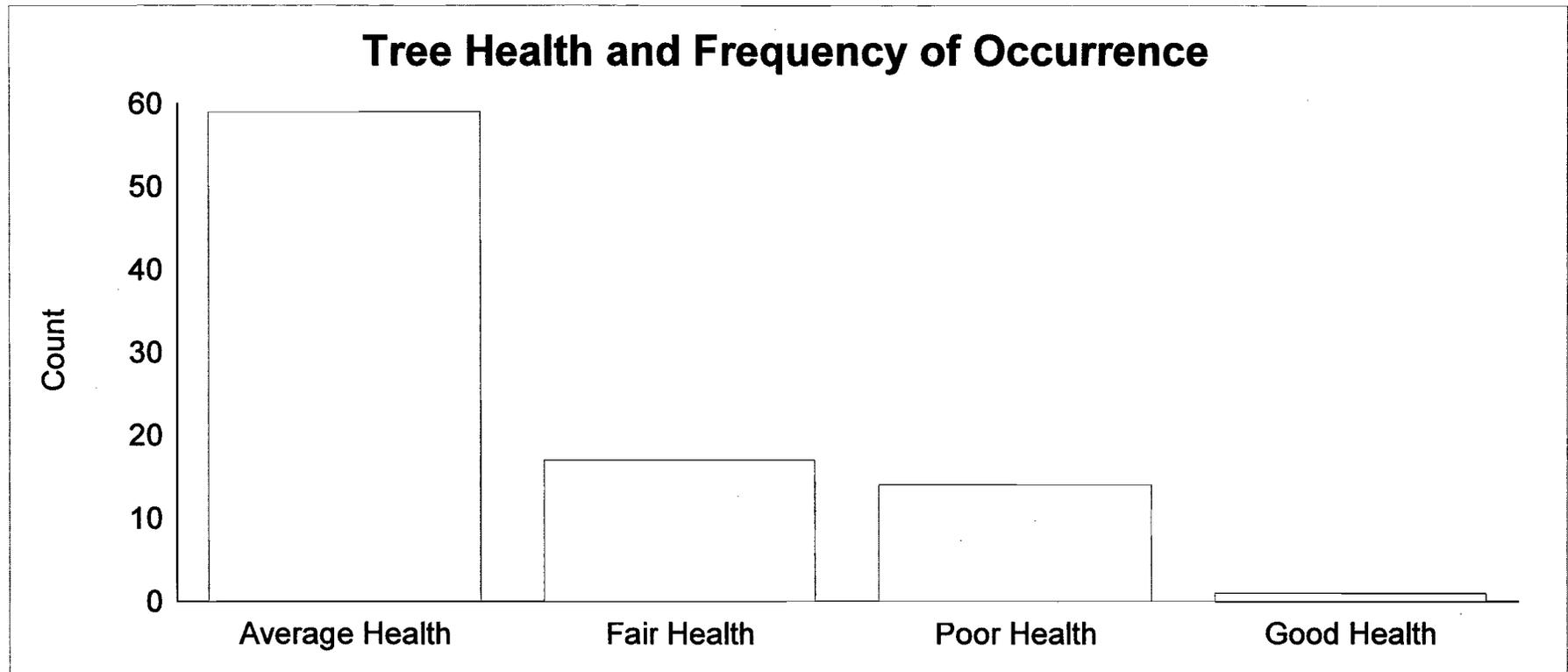
485 South Monroe Street

Printed Date: 4/30/2007

Last modified: 3/12/2007

Report Description:

Tree Health and Frequency of Occurrence



The inspection was done at ground level and no biological tests were performed.

Average Health

Tag	Diameter	Common Name	Scientific Name	Varitey	Comment
1	6	Pistache	Pistache	chinensis	
2	5	Sycamore	Platanus	platanaceae	
3	5	Sycamore	Platanus	platanaceae	
9	7	Sycamore	Platanus	platanaceae	
10	5	Sycamore	Platanus	platanaceae	
11	5	Sycamore	Platanus	platanaceae	
12	8	Plum	Prunus	x	Multi-Stemmed
13	8	Plum	Prunus	x	Multi-Stemmed
14	8	Plum	Prunus	x	Multi-Stemmed
15	5	Plum	Prunus	x	Multi-Stemmed
16	7	Pittosporum	Pittosporaceae	x	
19	19	Eucalyptus	Eucalyptus	x	Insect Infestation
20	25	Eucalyptus	Eucalyptus	x	Insect Infestation
22	27	Eucalyptus	Eucalyptus	x	Insect Infestation
28	3	Pittosporum	Pittosporaceae	x	
29	3	Pittosporum	Pittosporaceae	x	
30	3	Pittosporum	Pittosporaceae	x	
31	2	Loquat	Eriobotrya	x	
32	3	Privet	Ligustrum	x	
33	3	Privet	Ligustrum	x	
34	2	Privet	Ligustrum	x	
35	2	Privet	Ligustrum	x	
36	3	Privet	Ligustrum	x	
37	5	Carob	Ceratonia	siliqua	
38	2	Privet	Ligustrum	x	
39	2	Privet	Ligustrum	x	
40	2	Privet	Ligustrum	x	
41	2	Privet	Ligustrum	x	

The inspection was done at ground level and no biological tests were preformed.

42	2	Privet	Ligustrum	x	
43	2	Privet	Ligustrum	x	
44	2	Privet	Ligustrum	x	
45	2	Privet	Ligustrum	x	
46	14	Chinese Elm	Ulmus	parvifolia	Structural Problems
47	2	Privet	Ligustrum	x	
48	18	Chinese Elm	Ulmus	parvifolia	
49	18	Chinese Elm	Ulmus	parvifolia	
50	19	Chinese Elm	Ulmus	parvifolia	
51	14	Scrub Oak	Quercus	durata	
52	18	Scrub Oak	Quercus	durata	
53	7	Arbutus	Arbutus		
54	4	Arbutus	Arbutus		
55	6	Arbutus	Arbutus		
56	4	Arbutus	Arbutus		
58	7	Arbutus	Arbutus		
59	7	Arbutus	Arbutus		
60	7	Arbutus	Arbutus		
61	6	Arbutus	Arbutus		
62	7	Arbutus	Arbutus		
63	4	Arbutus	Arbutus		
74	16	Chinese Elm	Ulmus	parvifolia	
75	17	Chinese Elm	Ulmus	parvifolia	
80	1	Fig	Moraceae		
84	1	Scrub Oak	Quercus	durata	
85	1	Scrub Oak	Quercus	durata	
86	2	Scrub Oak	Quercus	durata	
87	2	Scrub Oak	Quercus	durata	
88	2	Coast Live Oak	Quercus	agrifolia	
89	5	Coast Live Oak	Quercus	agrifolia	

90

3

Scrub Oak

Quercus

durata

Total for Average Health: 59

Fair Health

Tag	Diameter	Common Name	Scientific Name	Variety	Comment
5	2	Privet	Ligustrum	x	
6	2	Privet	Ligustrum	x	
7	2	Privet	Ligustrum	x	
8	2	Privet	Ligustrum	x	
21	8	Eucalyptus	Eucalyptus	x	Insect Infestation
65	2	Eugenia	Eugenia	x	
66	2	Eugenia	Eugenia	x	
67	2	Eugenia	Eugenia	x	
68	2	Eugenia	Eugenia	x	
69	2	Eugenia	Eugenia	x	
72	29	Brazilian Pepper	Schinus	terebinthefolius	Topped
73	33	Brazilian Pepper	Schinus	terebinthefolius	Topped
77	5	Crabapple	Rosaceae		
78	8	Crabapple	Rosaceae		
82	21	Eucalyptus	Eucalyptus	x	Insect Infestation
83	38	Eucalyptus	Eucalyptus	x	Insect Infestation
91	9	Pittosporum	Pittosporaceae	x	Multi-stemmed

Total for Fair Health: 17

Poor Health

Tag	Diameter	Common Name	Scientific Name	Varitey	Comment
4	14	Purple-Leaf Plum	Prunus	atropurpurea	Diseased
17	30	Monterey Pine	Pinus	radiata	Insect Infestation
18	31	Monterey Pine	Pinus	radiata	Insect Infestation
23	4	Eucalyptus	Eucalyptus	x	Insect Infestation
24	7	Eucalyptus	Eucalyptus	x	Insect Infestation
25	11	Eucalyptus	Eucalyptus	x	Insect Infestation
27	28	Monterey Pine	Pinus	radiata	Insect Infestation
57	16	Monterey Pine	Pinus	radiata	Insect Infestation
64	14	Monterey Pine	Pinus	radiata	Insect Infestation
70	24	Monterey Pine	Pinus	radiata	Insect Infestation
71	26	Monterey Pine	Pinus	radiata	Insect Infestation
76	5	Purple-Leaf Plum	Prunus	atropurpurea	
79	6	Purple-Leaf Plum	Prunus	atropurpurea	
81	24	Eucalyptus	Eucalyptus	x	Insect Infestation

Total for Poor Health: 14

Good Health

Tag	Diameter	Common Name	Scientific Name	Varitey	Comment
26	4	Arbutus	Arbutus		Insect Infestation

Total for Good Health: 1

Total for Survey: 91

485 South Monroe Street

Report Description: Complete Inventory

Tag Number	Diameter	Common Name	Health Rating	Suitibility for Preservation	Comment	Picture
1	6	Pistache	Average Health	Moderate Suitability for Preservation		
2	5	Sycamore	Average Health	Poor Suitability for Preservation		
3	5	Sycamore	Average Health	Poor Suitability for Preservation		
4	14	Purple-Leaf Plum	Poor Health	Poor Suitability for Preservation	Diseased	
5	2	Privet	Fair Health	Poor Suitability for Preservation		
6	2	Privet	Fair Health	Poor Suitability for Preservation		
7	2	Privet	Fair Health	Poor Suitability for Preservation		
8	2	Privet	Fair Health	Poor Suitability for Preservation		
9	7	Sycamore	Average Health	Moderate Suitability for Preservation		
10	5	Sycamore	Average Health	Moderate Suitability for Preservation		
11	5	Sycamore	Average Health	Moderate Suitability for Preservation		
12	8	Plum	Average Health	Moderate Suitability for Preservation	Multi-Stemmed	
13	8	Plum	Average Health	Moderate Suitability for Preservation	Multi-Stemmed	
14	8	Plum	Average Health	Moderate Suitability for Preservation	Multi-Stemmed	
15	5	Plum	Average Health	Moderate Suitability for Preservation	Multi-Stemmed	
16	7	Pittosporum	Average Health	Poor Suitability for Preservation		
17	30	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
18	31	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
19	19	Eucalyptus	Average Health	Moderate Suitability for Preservation		
20	25	Eucalyptus	Average Health	Moderate Suitability for Preservation		
21	8	Eucalyptus	Fair Health	Poor Suitability for Preservation		
22	27	Eucalyptus	Average Health	Poor Suitability for Preservation		
23	4	Eucalyptus	Poor Health	Poor Suitability for Preservation		
24	7	Eucalyptus	Poor Health	Poor Suitability for Preservation		
25	11	Eucalyptus	Poor Health	Poor Suitability for Preservation		
26	4	Arbutus	Good Health	Good Suitability for Preservation		
27	28	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
28	3	Pittosporum	Average Health	Poor Suitability for Preservation		
29	3	Pittosporum	Average Health	Poor Suitability for Preservation		
30	3	Pittosporum	Average Health	Poor Suitability for Preservation		
31	2	Loquat	Average Health	Poor Suitability for Preservation		
32	3	Privet	Average Health	Poor Suitability for Preservation		

485 South Monroe Street

Report Description: Complete Inventory

Tag Number	Diameter	Common Name	Health Rating	Suitability for Preservation	Comment	Picture
33	3	Privet	Average Health	Poor Suitability for Preservation		
34	2	Privet	Average Health	Poor Suitability for Preservation		
35	2	Privet	Average Health	Poor Suitability for Preservation		
36	3	Privet	Average Health	Poor Suitability for Preservation		
37	5	Carob	Average Health	Moderate Suitability for Preservation		
38	2	Privet	Average Health	Poor Suitability for Preservation		
39	2	Privet	Average Health	Poor Suitability for Preservation		
40	2	Privet	Average Health	Poor Suitability for Preservation		
41	2	Privet	Average Health	Poor Suitability for Preservation		
42	2	Privet	Average Health	Poor Suitability for Preservation		
43	2	Privet	Average Health	Poor Suitability for Preservation		
44	2	Privet	Average Health	Poor Suitability for Preservation		
45	2	Privet	Average Health	Poor Suitability for Preservation		
46	14	Chinese Elm	Average Health	Poor Suitability for Preservation	Structural Problems	
47	2	Privet	Average Health	Poor Suitability for Preservation		
48	18	Chinese Elm	Average Health	Good Suitability for Preservation		
49	18	Chinese Elm	Average Health	Good Suitability for Preservation		
50	19	Chinese Elm	Average Health	Good Suitability for Preservation		
51	14	Scrub Oak	Average Health	Poor Suitability for Preservation		
52	18	Scrub Oak	Average Health	Poor Suitability for Preservation		
53	7	Arbutus	Average Health	Good Suitability for Preservation		
54	4	Arbutus	Average Health	Good Suitability for Preservation		
55	6	Arbutus	Average Health	Good Suitability for Preservation		
56	4	Arbutus	Average Health	Good Suitability for Preservation		
57	16	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
58	7	Arbutus	Average Health	Moderate Suitability for Preservation		
59	7	Arbutus	Average Health	Good Suitability for Preservation		
60	7	Arbutus	Average Health	Good Suitability for Preservation		
61	6	Arbutus	Average Health	Good Suitability for Preservation		
62	7	Arbutus	Average Health	Poor Suitability for Preservation		
63	4	Arbutus	Average Health	Good Suitability for Preservation		
64	14	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	

485 South Monroe Street

Report Description: Complete Inventory

Tag Number	Diameter	Common Name	Health Rating	Suitability for Preservation	Comment	Picture
65	2	Eugenia	Fair Health	Poor Suitability for Preservation		
66	2	Eugenia	Fair Health	Poor Suitability for Preservation		
67	2	Eugenia	Fair Health	Poor Suitability for Preservation		
68	2	Eugenia	Fair Health	Poor Suitability for Preservation		
69	2	Eugenia	Fair Health	Poor Suitability for Preservation		
70	24	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
71	26	Monterey Pine	Poor Health	Poor Suitability for Preservation	Insect Infestation	
72	29	Brazilian Pepper	Fair Health	Poor Suitability for Preservation	Topped	
73	33	Brazilian Pepper	Fair Health	Poor Suitability for Preservation	Topped	
74	16	Chinese Elm	Average Health	Good Suitability for Preservation		
75	17	Chinese Elm	Average Health	Good Suitability for Preservation		
76	5	Purple-Leaf Plum	Poor Health	Poor Suitability for Preservation		
77	5	Crabapple	Fair Health	Poor Suitability for Preservation		
78	8	Crabapple	Fair Health	Poor Suitability for Preservation		
79	6	Purple-Leaf Plum	Poor Health	Poor Suitability for Preservation		
80	1	Fig	Average Health	Poor Suitability for Preservation		
81	24	Eucalyptus	Poor Health	Poor Suitability for Preservation	Insect Infestation	
82	21	Eucalyptus	Fair Health	Poor Suitability for Preservation	Insect Infestation	
83	38	Eucalyptus	Fair Health	Poor Suitability for Preservation	Insect Infestation	
84	1	Scrub Oak	Average Health	Moderate Suitability for Preservation		
85	1	Scrub Oak	Average Health	Poor Suitability for Preservation		
86	2	Scrub Oak	Average Health	Poor Suitability for Preservation		
87	2	Scrub Oak	Average Health	Poor Suitability for Preservation		
88	2	Coast Live Oak	Average Health	Good Suitability for Preservation		
89	5	Coast Live Oak	Average Health	Good Suitability for Preservation		
90	3	Scrub Oak	Average Health	Moderate Suitability for Preservation		
91	9	Pittosporum	Fair Health	Poor Suitability for Preservation	Multi-stemmed	

Total Number of Trees in this Inventory:

91

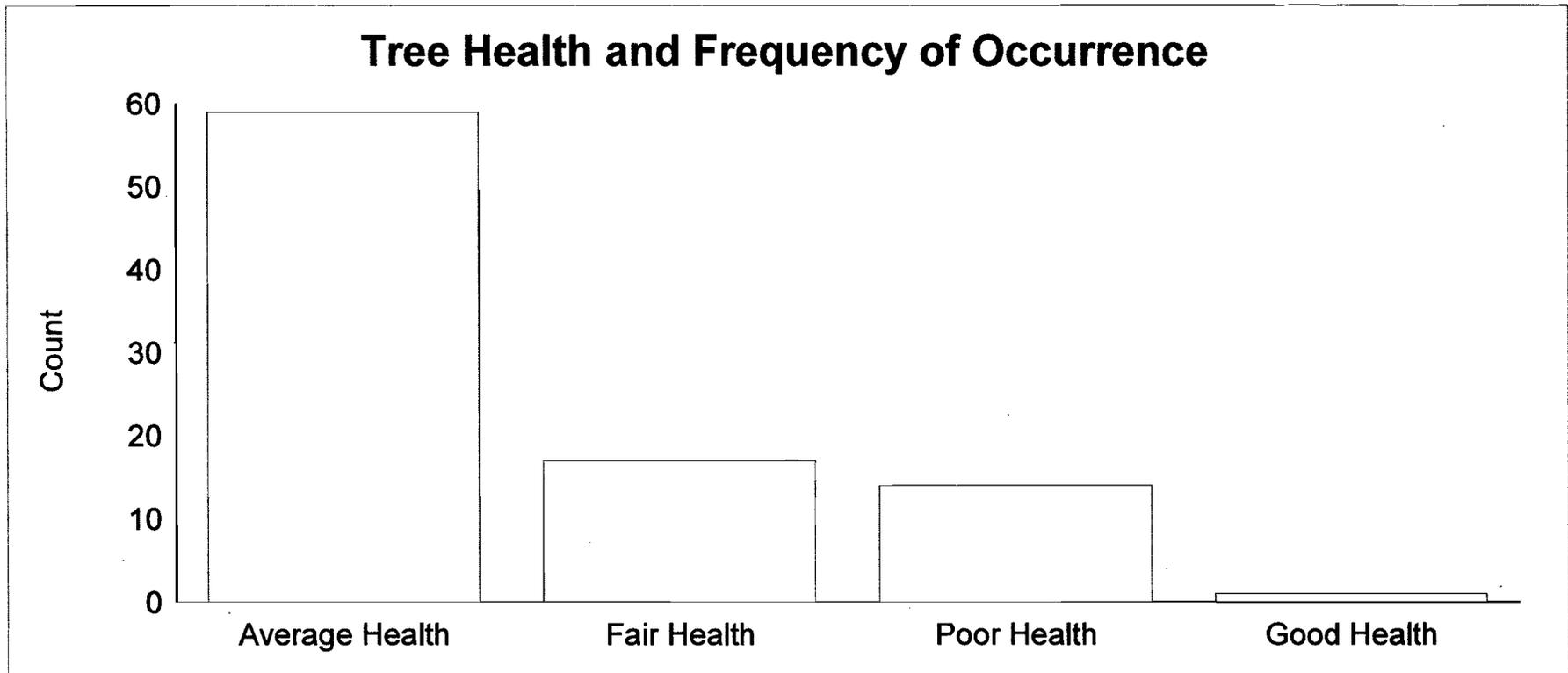
485 South Monroe Street

Printed Date: 4/30/2007

Last modified: 3/12/2007

Report Description:

Tree Health and Frequency of Occurrence



The inspection was done at ground level and no biological tests were performed.

Average Health

Tag	Diameter	Common Name	Scientific Name	Varitey	Comment
1	6	Pistache	Pistache	chinensis	
2	5	Sycamore	Platanus	platanaceae	
3	5	Sycamore	Platanus	platanaceae	
9	7	Sycamore	Platanus	platanaceae	
10	5	Sycamore	Platanus	platanaceae	
11	5	Sycamore	Platanus	platanaceae	
12	8	Plum	Prunus	x	Multi-Stemmed
13	8	Plum	Prunus	x	Multi-Stemmed
14	8	Plum	Prunus	x	Multi-Stemmed
15	5	Plum	Prunus	x	Multi-Stemmed
16	7	Pittosporum	Pittosporaceae	x	
19	19	Eucalyptus	Eucalyptus	x	Insect Infestation
20	25	Eucalyptus	Eucalyptus	x	Insect Infestation
22	27	Eucalyptus	Eucalyptus	x	Insect Infestation
28	3	Pittosporum	Pittosporaceae	x	
29	3	Pittosporum	Pittosporaceae	x	
30	3	Pittosporum	Pittosporaceae	x	
31	2	Loquat	Eriobotrya	x	
32	3	Privet	Ligustrum	x	
33	3	Privet	Ligustrum	x	
34	2	Privet	Ligustrum	x	
35	2	Privet	Ligustrum	x	
36	3	Privet	Ligustrum	x	
37	5	Carob	Ceratonia	siliqua	
38	2	Privet	Ligustrum	x	
39	2	Privet	Ligustrum	x	
40	2	Privet	Ligustrum	x	
41	2	Privet	Ligustrum	x	

The inspection was done at ground level and no biological tests were preformed.

42	2	Privet	Ligustrum	x	
43	2	Privet	Ligustrum	x	
44	2	Privet	Ligustrum	x	
45	2	Privet	Ligustrum	x	
46	14	Chinese Elm	Ulmus	parvifolia	Structural Problems
47	2	Privet	Ligustrum	x	
48	18	Chinese Elm	Ulmus	parvifolia	
49	18	Chinese Elm	Ulmus	parvifolia	
50	19	Chinese Elm	Ulmus	parvifolia	
51	14	Scrub Oak	Quercus	durata	
52	18	Scrub Oak	Quercus	durata	
53	7	Arbutus	Arbutus		
54	4	Arbutus	Arbutus		
55	6	Arbutus	Arbutus		
56	4	Arbutus	Arbutus		
58	7	Arbutus	Arbutus		
59	7	Arbutus	Arbutus		
60	7	Arbutus	Arbutus		
61	6	Arbutus	Arbutus		
62	7	Arbutus	Arbutus		
63	4	Arbutus	Arbutus		
74	16	Chinese Elm	Ulmus	parvifolia	
75	17	Chinese Elm	Ulmus	parvifolia	
80	1	Fig	Moraceae		
84	1	Scrub Oak	Quercus	durata	
85	1	Scrub Oak	Quercus	durata	
86	2	Scrub Oak	Quercus	durata	
87	2	Scrub Oak	Quercus	durata	
88	2	Coast Live Oak	Quercus	agrifolia	
89	5	Coast Live Oak	Quercus	agrifolia	

90

3

Scrub Oak

Quercus

durata

Total for Average Health: 59**Fair Health**

Tag	Diameter	Common Name	Scientific Name	Variety	Comment
5	2	Privet	Ligustrum	x	
6	2	Privet	Ligustrum	x	
7	2	Privet	Ligustrum	x	
8	2	Privet	Ligustrum	x	
21	8	Eucalyptus	Eucalyptus	x	Insect Infestation
65	2	Eugenia	Eugenia	x	
66	2	Eugenia	Eugenia	x	
67	2	Eugenia	Eugenia	x	
68	2	Eugenia	Eugenia	x	
69	2	Eugenia	Eugenia	x	
72	29	Brazilian Pepper	Schinus	terebintheifolius	Topped
73	33	Brazilian Pepper	Schinus	terebintheifolius	Topped
77	5	Crabapple	Rosaceae		
78	8	Crabapple	Rosaceae		
82	21	Eucalyptus	Eucalyptus	x	Insect Infestation
83	38	Eucalyptus	Eucalyptus	x	Insect Infestation
91	9	Pittosporum	Pittosporaceae	x	Multi-stemmed

Total for Fair Health: 17

Poor Health

Tag	Diameter	Common Name	Scientific Name	Varitey	Comment
4	14	Purple-Leaf Plum	Prunus	atropurpurea	Diseased
17	30	Monterey Pine	Pinus	radiata	Insect Infestation
18	31	Monterey Pine	Pinus	radiata	Insect Infestation
23	4	Eucalyptus	Eucalyptus	x	Insect Infestation
24	7	Eucalyptus	Eucalyptus	x	Insect Infestation
25	11	Eucalyptus	Eucalyptus	x	Insect Infestation
27	28	Monterey Pine	Pinus	radiata	Insect Infestation
57	16	Monterey Pine	Pinus	radiata	Insect Infestation
64	14	Monterey Pine	Pinus	radiata	Insect Infestation
70	24	Monterey Pine	Pinus	radiata	Insect Infestation
71	26	Monterey Pine	Pinus	radiata	Insect Infestation
76	5	Purple-Leaf Plum	Prunus	atropurpurea	
79	6	Purple-Leaf Plum	Prunus	atropurpurea	
81	24	Eucalyptus	Eucalyptus	x	Insect Infestation

Total for Poor Health: 14

Good Health

Tag	Diameter	Common Name	Scientific Name	Varitey	Comment
26	4	Arbutus	Arbutus		Insect Infestation

Total for Good Health: 1

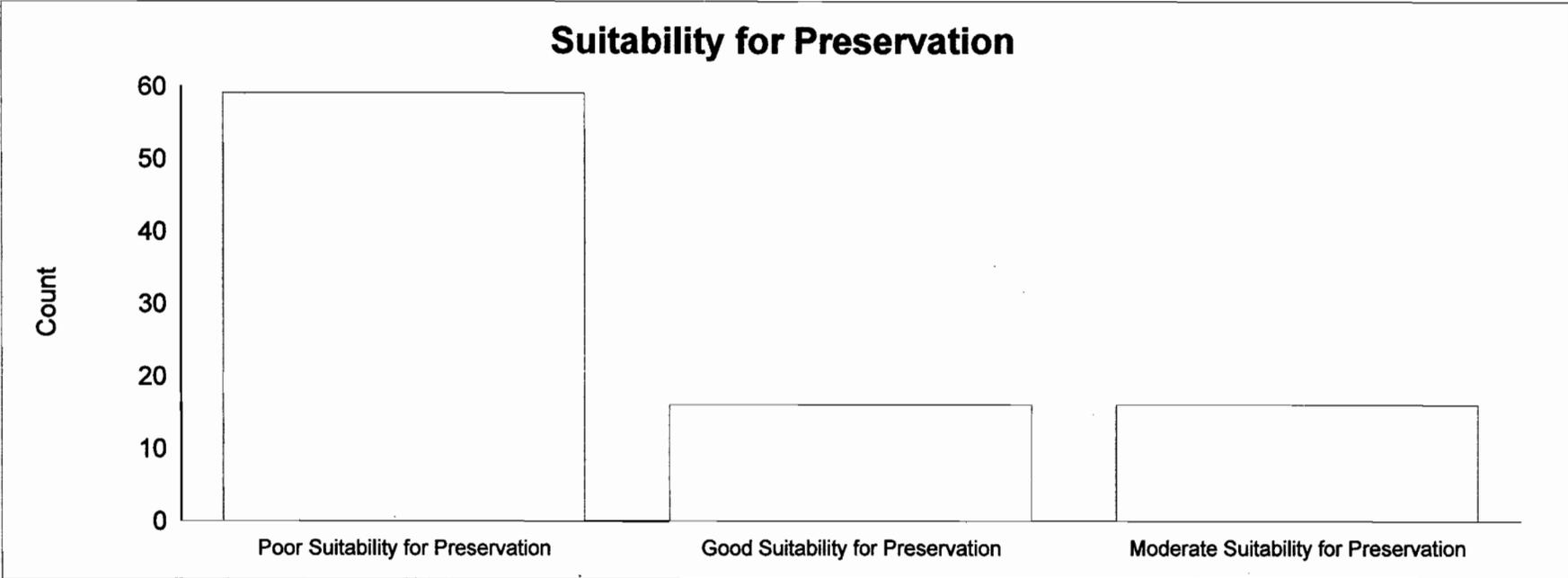
Total for Survey: 91

485 South Monroe Street

Printed Date: 4/30/2007

Last modified: 3/12/2007

Report Description:



Poor Suitability for Preservation

Tag	Diameter	Common Name	Scientific Name		Comment	Picture
16	7	Pittosporum	Pittosporaceae	x		
17	30	Monterey Pine	Pinus	radiata	Insect Infestation	
18	31	Monterey Pine	Pinus	radiata	Insect Infestation	
2	5	Sycamore	Platanus	platanaceae		
3	5	Sycamore	Platanus	platanaceae		
4	14	Purple-Leaf Plum	Prunus	atropurpurea	Diseased	
5	2	Privet	Ligustrum	x		
6	2	Privet	Ligustrum	x		
7	2	Privet	Ligustrum	x		
8	2	Privet	Ligustrum	x		
38	2	Privet	Ligustrum	x		
39	2	Privet	Ligustrum	x		
40	2	Privet	Ligustrum	x		
41	2	Privet	Ligustrum	x		
42	2	Privet	Ligustrum	x		
43	2	Privet	Ligustrum	x		
44	2	Privet	Ligustrum	x		
45	2	Privet	Ligustrum	x		
46	14	Chinese Elm	Ulmus	parvifolia	Structural Problems	
47	2	Privet	Ligustrum	x		
27	28	Monterey Pine	Pinus	radiata	Insect Infestation	
28	3	Pittosporum	Pittosporaceae	x		
29	3	Pittosporum	Pittosporaceae	x		
30	3	Pittosporum	Pittosporaceae	x		
31	2	Loquat	Eriobotrya	x		
32	3	Privet	Ligustrum	x		
33	3	Privet	Ligustrum	x		
34	2	Privet	Ligustrum	x		

35	2	Privet	Ligustrum	x	
36	3	Privet	Ligustrum	x	
21	8	Eucalyptus	Eucalyptus	x	Insect Infestation
22	27	Eucalyptus	Eucalyptus	x	Insect Infestation
23	4	Eucalyptus	Eucalyptus	x	Insect Infestation
24	7	Eucalyptus	Eucalyptus	x	Insect Infestation
25	11	Eucalyptus	Eucalyptus	x	Insect Infestation
62	7	Arbutus	Arbutus		
57	16	Monterey Pine	Pinus	radiata	Insect Infestation
76	5	Purple-Leaf Plum	Prunus	atropurpurea	
77	5	Crabapple	Rosaceae		
78	8	Crabapple	Rosaceae		
79	6	Purple-Leaf Plum	Prunus	atropurpurea	
80	1	Fig	Moraceae		
81	24	Eucalyptus	Eucalyptus	x	Insect Infestation
82	21	Eucalyptus	Eucalyptus	x	Insect Infestation
83	38	Eucalyptus	Eucalyptus	x	Insect Infestation
64	14	Monterey Pine	Pinus	radiata	Insect Infestation
65	2	Eugenia	Eugenia	x	
66	2	Eugenia	Eugenia	x	
67	2	Eugenia	Eugenia	x	
68	2	Eugenia	Eugenia	x	
69	2	Eugenia	Eugenia	x	
70	24	Monterey Pine	Pinus	radiata	Insect Infestation
71	26	Monterey Pine	Pinus	radiata	Insect Infestation
72	29	Brazilian Pepper	Schinus	terebinthefolius	Topped
73	33	Brazilian Pepper	Schinus	terebinthefolius	Topped
85	1	Scrub Oak	Quercus	durata	
86	2	Scrub Oak	Quercus	durata	
87	2	Scrub Oak	Quercus	durata	

91	9	Pittosporum	Pittosporaceae	x	Multi-stemmed
----	---	-------------	----------------	---	---------------

Total for Poor Suitability for Preservation: 59

Good Suitability for Preservation

Tag	Diameter	Common Name	Scientific Name	Comment	Picture
26	4	Arbutus	Arbutus	Insect Infestation	
48	18	Chinese Elm	Ulmus	parvifolia	
49	18	Chinese Elm	Ulmus	parvifolia	
50	19	Chinese Elm	Ulmus	parvifolia	
53	7	Arbutus	Arbutus		
54	4	Arbutus	Arbutus		
55	6	Arbutus	Arbutus		
56	4	Arbutus	Arbutus		
59	7	Arbutus	Arbutus		
60	7	Arbutus	Arbutus		
61	6	Arbutus	Arbutus		
63	4	Arbutus	Arbutus		
74	16	Chinese Elm	Ulmus	parvifolia	
75	17	Chinese Elm	Ulmus	parvifolia	
88	2	Coast Live Oak	Quercus	agrifolia	
89	5	Coast Live Oak	Quercus	agrifolia	

Total for Good Suitability for Preservation: 16

Moderate Suitability for Preservation

Tag	Diameter	Common Name	Scientific Name		Comment	Picture
90	3	Scrub Oak	Quercus	durata		
84	1	Scrub Oak	Quercus	durata		
58	7	Arbutus	Arbutus			
51	14	Scrub Oak	Quercus	durata		
52	18	Scrub Oak	Quercus	durata		
19	19	Eucalyptus	Eucalyptus	x	Insect Infestation	
20	25	Eucalyptus	Eucalyptus	x	Insect Infestation	
37	5	Carob	Ceratonia	siliqua		
1	6	Pistache	Pistache	chinensis		
9	7	Sycamore	Platanus	platanaceae		
10	5	Sycamore	Platanus	platanaceae		
11	5	Sycamore	Platanus	platanaceae		
12	8	Plum	Prunus	x	Multi-Stemmed	
13	8	Plum	Prunus	x	Multi-Stemmed	
14	8	Plum	Prunus	x	Multi-Stemmed	
15	5	Plum	Prunus	x	Multi-Stemmed	

Total for Moderate Suitability for Preservation: 16

Total for Survey: 91

Tree Protection Zones

485 South Monroe Street

Printed Date: 4/30/2007

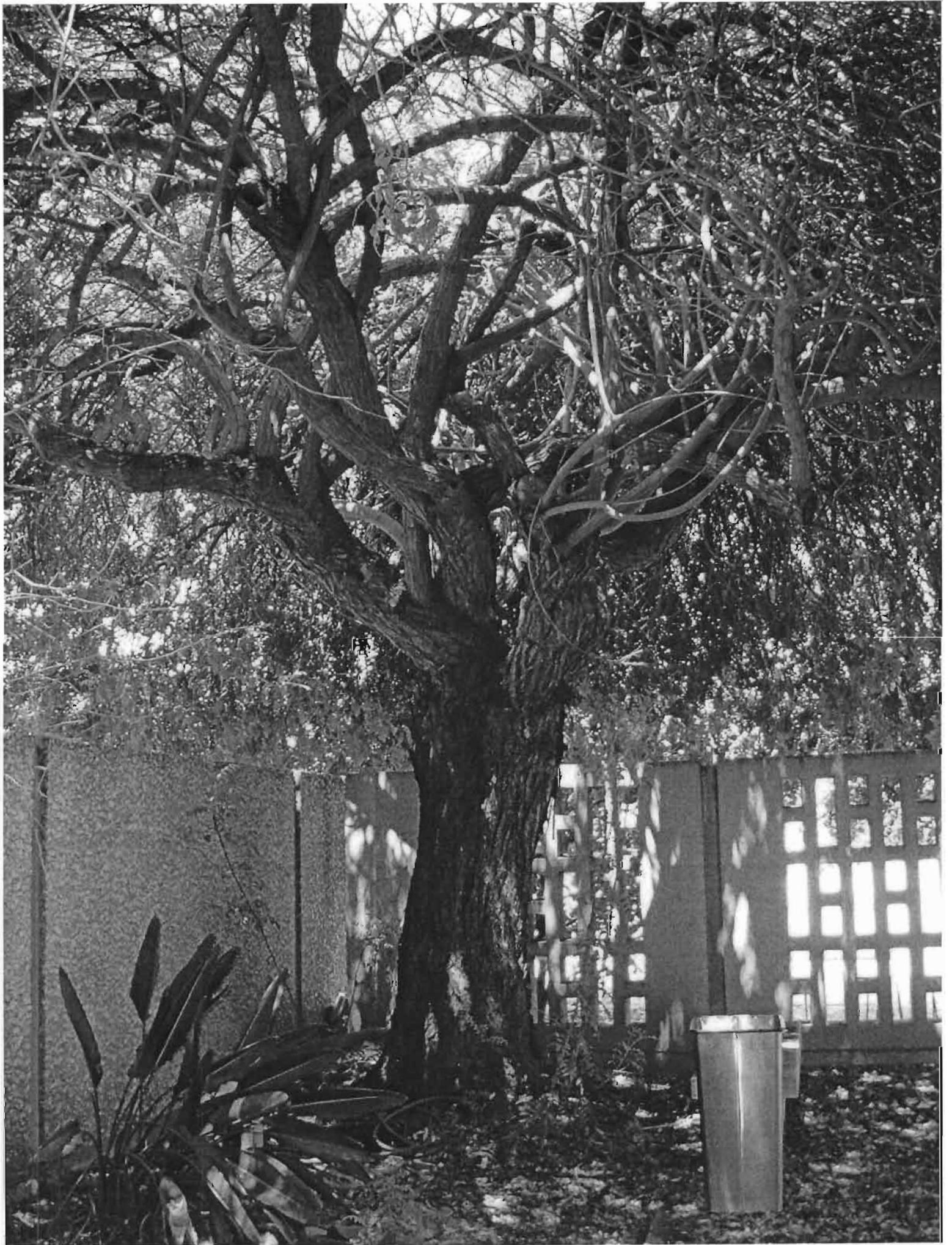
Last modified: 3/12/2007

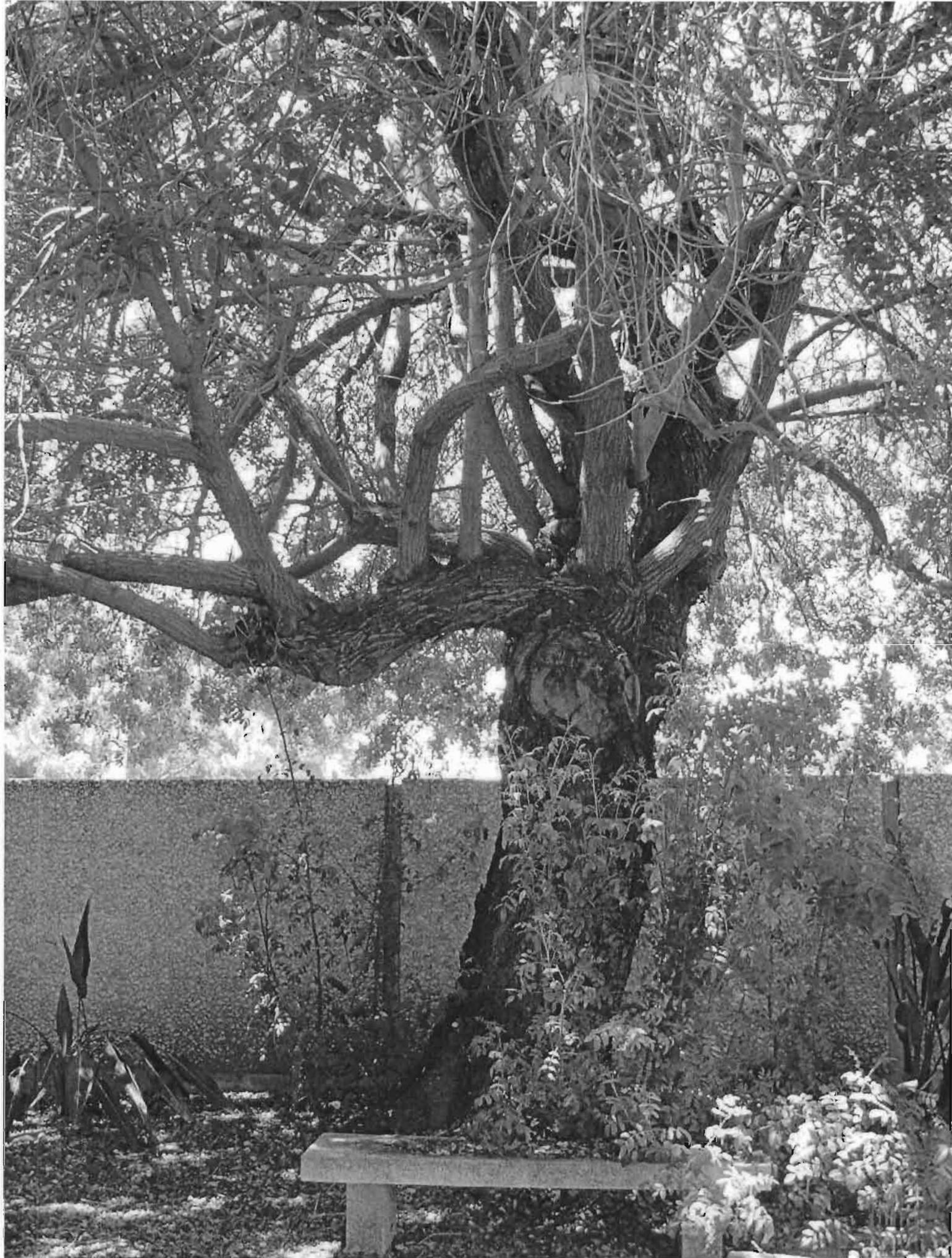
Physical barriers such as fencing should be erected around trees to prevent encroachment by construction equipment. This will minimize soil compaction and also prevent fill and other debris from being placed over the root system. Barriers preferably should be placed at least midway between the bole of the tree and the drip line. If construction equipment must pass close to the tree, a bridge can be constructed over the root system. This is done by placing a steel plate over railroad ties, which are placed at intervals along the ground as supports.

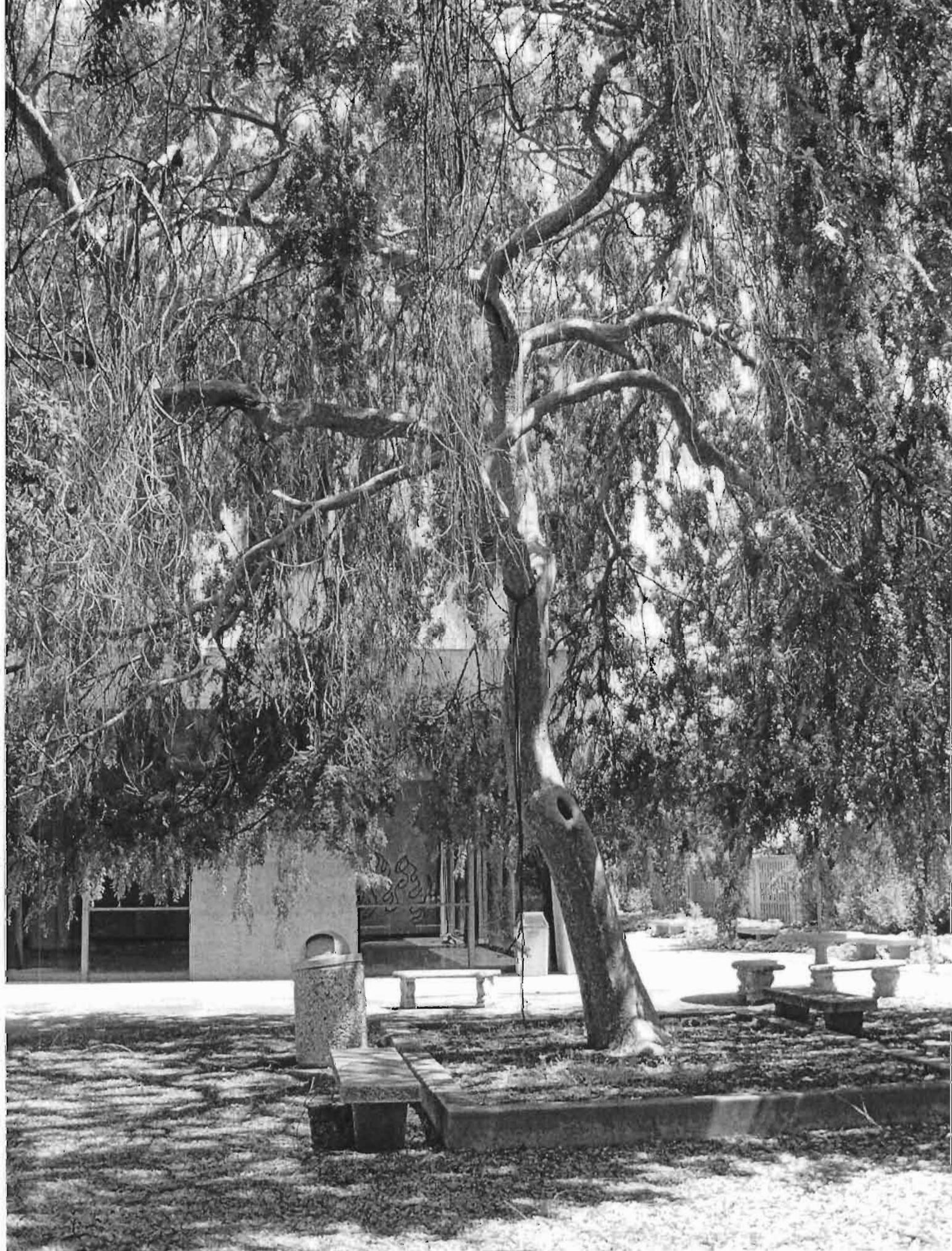
Tag	Diameter	Common name	Health Description	Preservation Rating	Diameter (ft) of Zone		
					Minimum	-	Preferred
1	6	Pistache	Average Health	Moderate Suitability for Pre:	2	-	5
9	7	Sycamore	Average Health	Moderate Suitability for Pre:	2	-	5
10	5	Sycamore	Average Health	Moderate Suitability for Pre:	2	-	4
11	5	Sycamore	Average Health	Moderate Suitability for Pre:	2	-	4
12	8	Plum	Average Health	Moderate Suitability for Pre:	3	-	6
13	8	Plum	Average Health	Moderate Suitability for Pre:	3	-	6
14	8	Plum	Average Health	Moderate Suitability for Pre:	3	-	6
15	5	Plum	Average Health	Moderate Suitability for Pre:	2	-	4
19	19	Eucalyptus	Average Health	Moderate Suitability for Pre:	7	-	15
20	25	Eucalyptus	Average Health	Moderate Suitability for Pre:	10	-	20

<u>Tag</u>	<u>Diameter</u>	<u>Common Name</u>	<u>Health Description</u>	<u>Preservation Rating</u>	<u>MINIMUM</u> -	<u>PREFERED</u>
26	4	Arbutus	Good Health	Good Suitability for Preserv	1 -	3
37	5	Carob	Average Health	Moderate Suitability for Pre:	2 -	4
48	18	Chinese Elm	Average Health	Good Suitability for Preserv	7 -	15
49	18	Chinese Elm	Average Health	Good Suitability for Preserv	7 -	15
50	19	Chinese Elm	Average Health	Good Suitability for Preserv	7 -	15
51	14	Scrub Oak	Average Health	Moderate Suitability for Pre:	5 -	11
52	18	Scrub Oak	Average Health	Moderate Suitability for Pre:	7 -	15
53	7	Arbutus	Average Health	Good Suitability for Preserv	2 -	5
54	4	Arbutus	Average Health	Good Suitability for Preserv	1 -	3
55	6	Arbutus	Average Health	Good Suitability for Preserv	2 -	5
56	4	Arbutus	Average Health	Good Suitability for Preserv	1 -	3
58	7	Arbutus	Average Health	Moderate Suitability for Pre:	2 -	5
59	7	Arbutus	Average Health	Good Suitability for Preserv	2 -	5
60	7	Arbutus	Average Health	Good Suitability for Preserv	2 -	5
61	6	Arbutus	Average Health	Good Suitability for Preserv	2 -	5
63	4	Arbutus	Average Health	Good Suitability for Preserv	1 -	3
74	16	Chinese Elm	Average Health	Good Suitability for Preserv	6 -	13
75	17	Chinese Elm	Average Health	Good Suitability for Preserv	7 -	14
84	1	Scrub Oak	Average Health	Moderate Suitability for Pre:	0 -	0
88	2	Coast Live Oak	Average Health	Good Suitability for Preserv	0 -	1
89	5	Coast Live Oak	Average Health	Good Suitability for Preserv	2 -	4

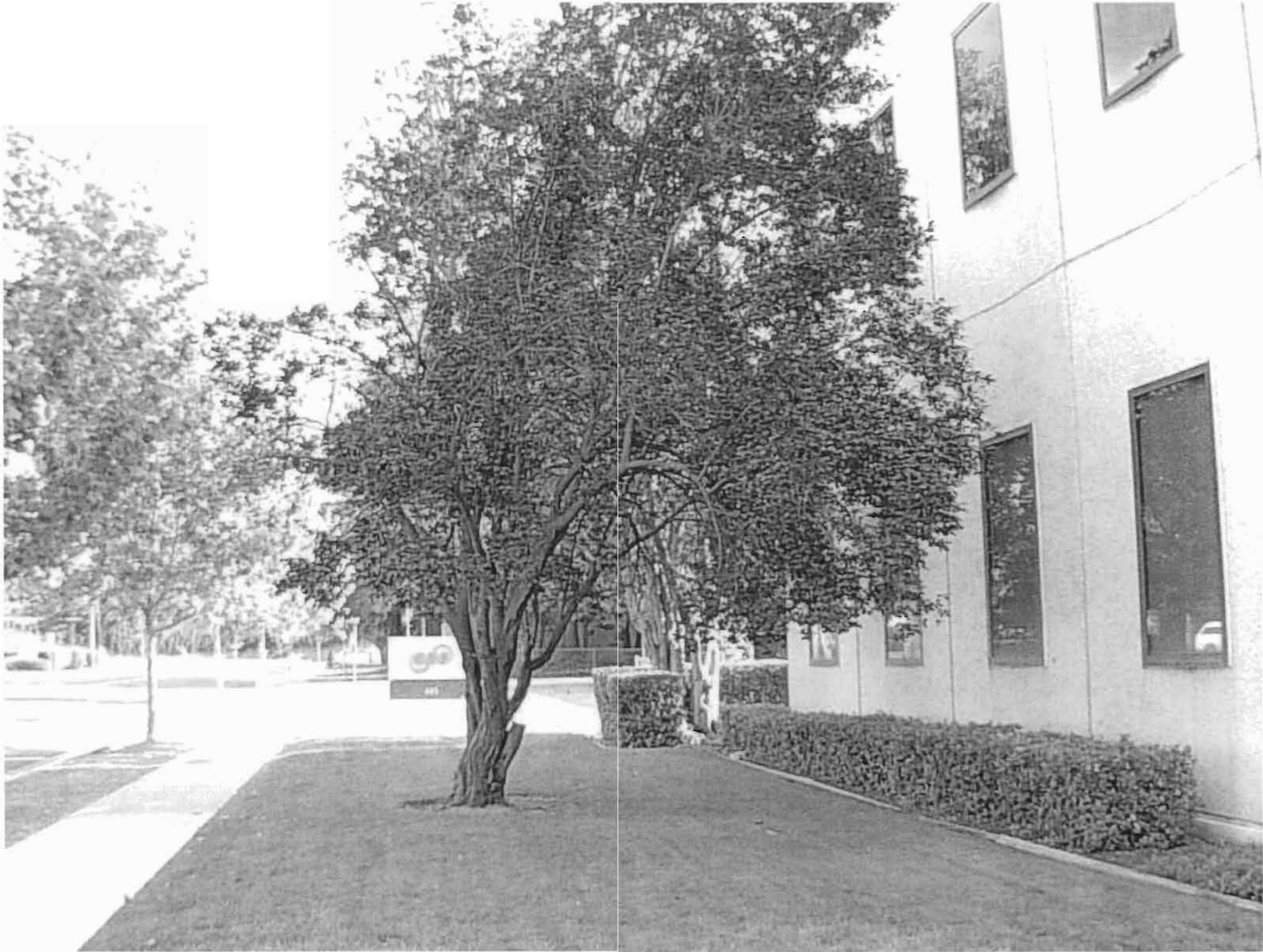
<u>Tag</u>	<u>Diameter</u>	<u>Common Name</u>	<u>Health Description</u>	<u>Preservation Rating</u>	<u>MINIMUM</u> - <u>PREFERED</u>
90	3	Scrub Oak	Average Health	Moderate Suitability for Pre:	1 - 2



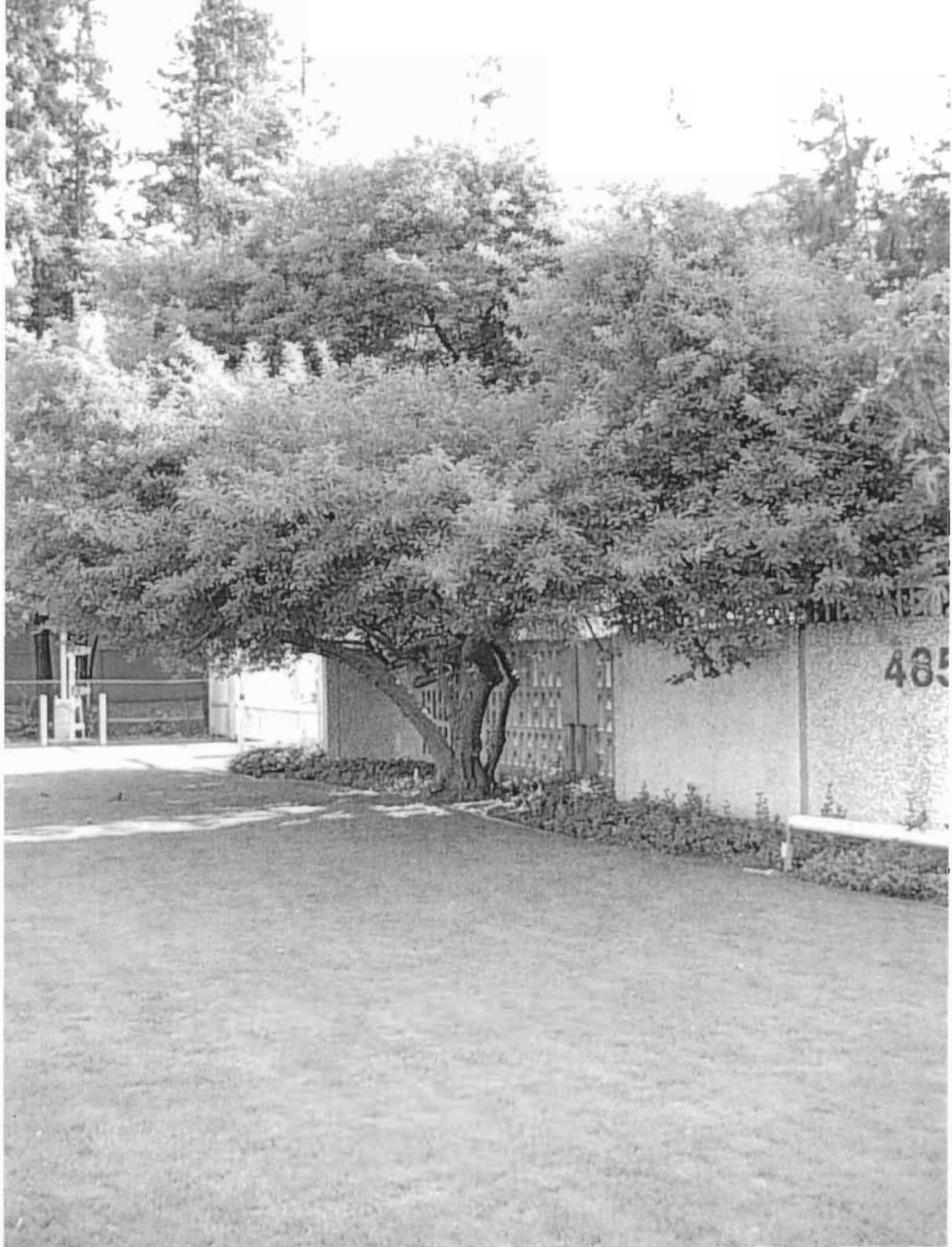
































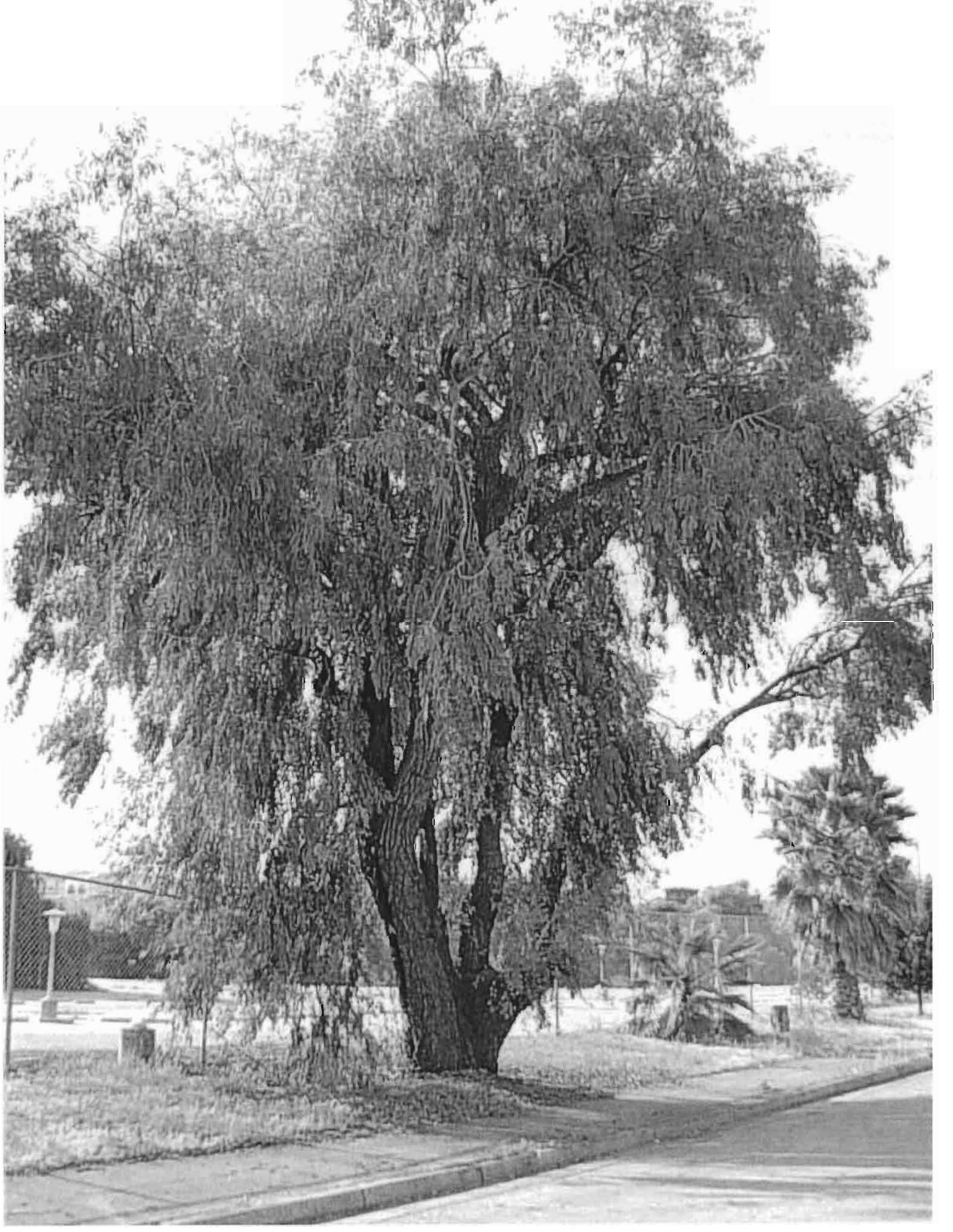




















Pointer 37°19'05.45" N 121°56'42.72" W elev 141 ft

Streaming 100%

Eye alt 1277 ft