



CAROB ASSESSMENT
City of Santa Monica



PREPARED FOR:
City of Santa Monica
Public Landscape Division
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Santa Monica CA 90405

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Carob Assessment Executive Summary

Carob (*Ceratonia siliqua*) is a common tree found on Santa Monica's streets particularly Hill, Franklin, 10th, 12th, and 16th Streets as well as Lincoln Blvd.

In October 2007, HortScience, Inc. performed a visual assessment of the health and structural condition of 630 of the City's carob trees. Each tree was identified with a numerically coded metal tag, its condition and viability evaluated and details of its growth and structure were noted. Almost 40% of the 630 trees evaluated were assessed in poor condition, only 15% were in good and excellent condition.

Almost 200 of the surveyed trees had fruiting bodies of decay fungi present along the trunk and branches. Sulfur fungus (*Laetitporus gilbertsonii*) and ganoderma (*Ganoderma applanatum*) were the most common fungal species. Both digest the tree's internal structure, reducing the strength of the wood and the stability of the tree as they do so. The presence of the fruiting bodies of these species indicates that internal decay is extensive.

The potential of each tree to fail over the next two years was assessed using a risk rating system common in the arboriculture industry. Three components (the likelihood of that a failure would take place, the size of the part of the tree most likely to fail, and the target below the tree) were rated on a scale from 1 to 4, where 1 = less likely and 4 = most risk. The three components are added together to form a composite risk rating which may range from 3 to 12. Ninety-eight (98) of the 630 trees assessed received risk ratings of 10 and above.

Overall, the surveyed group of carob trees is fast becoming a problem for the City rather than an asset. The overall viability of the surveyed trees was problematic with over half having a projected life-span of less than 5 years. The rate of failure of entire trees or their branches will only increase in the future. The prudent management action would be to initiate a program of removal and replacement, starting with trees in poorest overall condition and those with the highest risk ratings.

Carob Assessment Santa Monica CA

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I. Introduction and Methods

Thousands of trees line Santa Monica's streets and grace its parks. Planted over the course of the City's history, these trees are an important component of Santa Monica's urban forest. Management of this resource falls under the purview of the City's Public Landscape Division.

One of the issues faced by the City of Santa Monica is enhancing the safety of those who live, work and visit there. The Public Landscape Division wants to manage the carob trees to conserve the resource while protecting public safety (Photo 1). To that end, the City contracted with HortScience, Inc. to undertake an assessment of the condition and risk of failure posed by the carob trees along streets and in the major parks. This report provides the following information:

1. A summary of health and structural condition of 630 carob trees.
2. An evaluation of the risk of failure posed by the trees.
3. Recommendations for action.

Photo 1. Examples of carobs in Santa Monica. **Below left:** tree #955 was in good condition with a full, dense crown. Note absence of irrigated lawn & sprouts along lower trunk. **Below right:** tree #791 was in poor condition with sparse foliage & twig dieback.



Carob trees

Carob, *Ceratonia siliqua*, is native to eastern Mediterranean. It is a medium-sized tree, 25' to 50' tall with a crown of equal spread. Foliage is evergreen. There are male and female trees. Male flowers are not showy but have a strong odor. The fruit is a 4" to 6" long chocolate-colored pod that can be rather messy, particularly when they are broken and the internal gum is released (Photo 2).

Photo 2. Flower & fruit litter beneath canopy of carob.



Carobs have a moderate growth rate. They are quite drought-resistant, as would be expected by its place of origin. The species prefers well-drained soils with little supplemental irrigation.

Carobs are generally pest-free. That said, it is susceptible to a number of decay fungi as well as verticillium wilt, a disease of the tree's conducting tissue. Decay organisms are more likely to be problematic when trees are irrigated in the summer. In addition, it forms large lateral roots that will damage and displace adjacent pavement.

The life-span of carobs grown in California is unknown. Once mature, trees often fail due to decay in the base of the trunk and large buttress roots. Decay organisms such as sulfur fungus (*Laetiporus gilbertsonii*), ganoderma (*Ganoderma applanatum*) and oak root fungus (*Armillaria mellea*) digest wood and weaken the structure of the tree. Over 80% of reported failures for carob involve decay.

Alternatively, trees may simply decline in vigor, with a gradually thinning canopy of dead and dying twigs (Photo 2)

Although carobs are common as street trees in California, they are more appropriately used in gardens and spaces without nearby pavement. The displacement of pavement by roots and the amount of annual litter produced limits its value as a street tree. In fact, carob is not recommended for use as a street tree in *Street Trees Recommended for Southern California* (2nd edition. 1996. Street Tree Seminar Inc.).

Tree Risk Assessment

Tree Risk Assessment is the systematic process of evaluating the potential for a tree or one of its parts to fail and, in so doing, injure people or damage property. All trees have the potential to fail. The degree of risk will vary with the size of the tree, type and location of the defect, tree species, and the nature of the target. Assessing this risk involves three components:

1. Evaluating the tree's health and structural condition,
2. Considering environment factors of the site, weather and management that may contribute to a failure, and
3. Assessing the likelihood that a person or object would be injured or damaged (i.e. the **target**) should a failure occur.

In this study, only carob trees along streets and in parks were evaluated. Individual trees were identified using the City of Santa Monica's tree inventory. The City provided a list of trees to be evaluated as well as a general tree location map.

Tree Evaluation Procedure

The evaluation was conducted in a walking survey. External signs and symptoms of disease and defects in structure that are likely to lead to tree failure were noted by visual inspection. The following procedure was used:

1. Verify the location, usually by address, using the City's tree inventory and/or maps.
2. Attaching a numerically coded metal tag to the north side of the trunk.
3. Measure the trunk diameter in inches at a point 54" above grade.
4. Rate the health and structural condition using a scale of 0 – 5:
5 - A healthy, vigorous tree, reasonably free of signs and symptoms of disease, with good structure and form typical of the species.
4 - Tree with slight decline in vigor, small amount of twig dieback, minor structural defects that could be corrected.

Tree Evaluation Procedure, continued.

- 3** - Tree with moderate vigor, moderate twig and small branch dieback, thinning of crown, poor leaf color, moderate structural defects that might be mitigated with regular care.
 - 2** - Tree in decline, epicormic growth, extensive dieback of medium to large branches, significant structural defects that cannot be abated.
 - 1** - Tree in severe decline, dieback of scaffold branches and/or trunk; most of foliage from epicormics; extensive structural defects that cannot be abated.
 - 0** - Tree is dead.
5. Comment on significant aspects of the health & structure.
 6. Assess the future viability using the following scale:
 - Very poor – tree is likely to die or fail within two years.
 - Poor – tree life span may be up to 5 years.
 - Moderate – tree life may be 5 to 15 years.
 - Good – tree may be expected to survive for 15 years or longer.
 7. Where decay was suspected in the lower trunk and buttress roots, these were sounded with a hammer. The findings were recorded.
 8. Identify the part of the tree most likely to fail and hit a target within the next two years.
 9. Identify the target(s) that would be impacted by that failure (e.g. street, parking).
 10. Rate the potential hazard using the method described in **A Photographic Guide to the Evaluation of Hazard Trees in Urban Areas** (Matheny and Clark, 1994). The components of the risk rating are: most likely failure, failure potential, size of part, target rating, and risk rating. These components are described in the next section.
 11. Determine the need for additional testing such as decay detection root collar inspection and/or aerial inspection of the crown.

Tree Risk Rating System

To summarize the information about tree and target into an overall rating, the most likely failure to occur within the next two years was identified (e.g. branch, one stem, whole tree). Then, each of the three characteristics for that part was assigned a rating:

Failure potential (4 points) - identifies the most likely failure and rates the likelihood that the structural defect(s) will result in failure. Examples of ratings are:

- 1 - low - defects are minor
- 2 - medium - defects are present and obvious
- 3 - high - compounding and/or significant defects present
- 4 - severe - defects are very severe

Size of defective part (4 points) - rates the size of the part most likely to fail. The larger the part that fails, the greater the potential for damage. Therefore, the size of the failure affects the hazard potential. Examples are:

- 1 - most likely failure less than 6" in diameter
- 2 - most likely failure 6 - 18" in diameter
- 3 - most likely failure 18 - 30" in diameter
- 4 - most likely failure greater than 30" in diameter

Target rating (4 points) - rates the use and occupancy of the area that would be struck by the defective part

- 1 - occasional use (e.g. landscape)
- 2 - intermittent use (e.g. tree lawn, sidewalk, park path)
- 3 - frequent use (e.g. parking spaces)
- 4 - constant use, structures (e.g. residences, streets)

The points in each category were added to obtain the overall risk rating, with 12 being the maximum value.

Risk rating = failure potential + size of defective part + target rating

II. Results and Evaluation

Description of Trees

Six hundred and thirty (630) trees were evaluated (Table 1). Descriptions of individual trees are found in the **Tree Survey Forms** (see **Attachments**). A summary of general characteristics is provided below.

Among the surveyed trees, over 40% (268) were in poor condition and were characterized by one or more of the following defects in structure: codominant or multiple branch attachments, dieback of twigs and branches, thin canopies, fungal fruiting bodies and decay cavities, history of failure, and lean (Table 1, following page).

Approximately two-thirds of trees (186 of 268) in poor condition and had visible signs of decay, either fruiting bodies or cavities. A number of trees had both (Photo 3). I identified three decay organisms: sulfur fungus and two species of ganoderma (*Ganoderma applanatum* and *G. lucidum*). It is likely that two root decay organisms, oak root fungus and phytophthora (*Phytophthora* sp.), were also present in some trees. The presence of fruiting bodies indicates that decay is extensive and has been present in the tree for a long period of time.



Photo 3. Tree #792 was in poor condition with extensive decay including conks as well poor form and structure.



Another 40% of the surveyed trees were in fair condition. Defects were similar to those found in trees in poor condition but were less severe (Photo 4). Approximately 15% of the trees were in good and excellent condition. Trees in this group usually had well-formed crowns and dense canopies.

Photo 4. Tree #707 was in fair condition. Note that scaffold branches attach at one point (red arrow) and the crown was asymmetric in form.

Tree viability was also assessed (Table 1) as the likelihood of survival. I assessed the viability of 184 trees (approx. 30%) as very poor. These trees can be expected to either fail or die within the next 2 years. Another 30% had poor viability, with a potential life-span of 2 to 5 years. In contrast, 66 trees (10%) were assessed as having good viability with an anticipated life span of 15 years or more.

There was a clear relationship between overall tree condition and viability. Trees in poor condition, such as #792 (Photo 3), were more likely to have viability of less than 2 years. In contrast, trees in fair condition, such as #707 (Photo 4) were more likely to have viability between 2 and 15 years. Trees in good and excellent condition can be expected to survive more than 15 years.

Table 1. Tree condition & viability. Santa Monica CA.

Viability	Condition				No. of Trees
	Poor	Fair	Good	Excellent	
15 years	--	--	52	14	68
5 to 15 years	2	152	32	--	186
2 to 5 years	97	95	--	--	192
<2 years	169	15	--	--	184
Total	268	264	84	14	630

In summary, tree condition varied from poor to excellent with the vast majority of surveyed trees being in poor and fair condition. Reasons for this finding include:

- Trees tended to be mature and overmature in development.
- Wounds from root-pruning were common and were often associated with decay. Root-pruning was the typical response to root-pavement conflicts for a number of years (but is no longer routinely performed). Root-pruning was more severe in narrow (<4") planting spaces but even trees in 8' and 10' wide areas had been root-pruned.
- Trees were located in irrigated lawn. Summer watering increases the presence of root decay organisms in the soil. Wet soil conditions reduce tree vigor.
- Trees in Santa Monica were pruned improperly for many years, in a manner inconsistent with modern standards and current practices. The effect of these poor practices was twofold. First, large wounds were created, wounds that are now decayed. Second, the most productive parts of the tree were removed.

Results of Decay Testing

Five trees were selected for additional decay testing due to the presence of decay indicators identified during the visual assessment. All had either fungal fruiting bodies or cavities. The presence of decay is significant as the fungi digest the components of the cell wall, compromising the integrity of the wood. As wood is weakened, the tree and its parts are more likely to fail.

The extent of decay was evaluated by using two methods: 1) probing the interior of the tree with a small diameter drill bit or 2) using the Resistograph, a device which also uses a small drill-like probe.

For the drilling, the color and texture of the shavings as well as the resistance to the drill were assessed and recorded. For the Resistograph, the instrument measured the resistance to penetration, a direct indicator of wood strength. Wood is considered sound, i.e., no decay, if the shavings are normal in color and resistance to drilling is consistent along the length of the bit. Decay is present if the shavings are discolored, spongy, possess a rank odor and resistance to drilling decreases. When decay has completely degraded the wood, a hollow is created. In this situation, there is no resistance to drilling and the bit plunges into the tree. No shavings are encountered with a hollow.

Trees selected for testing had some indications of decay. The development of a fruiting body such as sulfur fungus (Photo 3) was a clear indication that decay is not only present but extensive. For this reason, trees such as #792 were not tested.

More typical of trees selected for testing was #1263 (Photo 5). The base of the trunk was unusually large and sounded hollow when struck with a hammer. There were no external indicators of decay such as fruiting bodies or cavities in this area. I drilled the lower trunk to determine if decay was present internally. Results indicated that a narrow shell of sound wood surrounded an internal center of decayed tissue (Table 2)



Photo 5. The lower trunk of tree #1263 lacked external indicators of decay. Testing revealed the presence of internal decay.

Results of the decay testing were incorporated into the assessment of failure potential. In the case of tree #1263, the testing raised the failure potential from high to severe.

Tree Risk Ratings

The first step in rating the risk associated with a tree is to identify the part of the tree most likely to fail and strike a target. Just as trees in poor overall condition are more likely to die than trees in good condition, trees in poor condition are also more likely to fail. That said, even a green, healthy-appearing tree may have significant defects in structure such as extensive decay.

The entire tree was considered the most likely failure in 370 (59%) of the 630 surveyed trees. Branches were identified as the most likely failure in 240 (38%); an individual stem in 20 (3%) trees. This pattern was largely the result of three factors: 1) the history of pruning by the City which kept tree crowns and branches small, 2) the history of root pruning for sidewalk and curb repair which both severed large roots and created large wounds at the base of the trunk, and 3) overall poor health, most likely due to a combination of cultural conditions, root decay and age.

Table 2. Results of decay testing. Carob survey. Santa Monica CA.

Tree No.	Trunk diameter (in.)	Condition 1=poor 5=excell.	Location of test	Result
786	23	2	W. @ base W. trunk, 2" above conk W. trunk, 3" to right of conk S. @ base; root adj. to conk S. @ base; 4" to right of conk SE @ base. Buttress root adj. to conk SE @ base, dead area above root SE @ base, gall area NE buttress root, no conk NW, 2" above buttress root	5.5" sound, then decayed 8" sound (to depth) 8" sound (to depth) 2" sound, then decayed 2" sound, then decayed 1.5" sound, then decayed 5" sound, then decayed 8" sound (to depth) 4" sound, then decayed 2" white, 2" tan, then brown
787	14	2	S. @ base, above conk	Discolored @ 2" but appeared sound.
968	17	2	SE @ base; near conk S. @ base; buttress root adj. to conk.	Appeared normal. Drilled through root. Sound to 4.5" then decayed.
1260	19	2	N. @ 6" above cavity N. @ 2' above cavity. W. @ 6' between two cavities, 1 with conk W. @ 3' below cavity	3" sound, then decayed. 4.5" sound, then decayed. 2" sound, then decayed.
1263	33	2	W. @ 8" above ground N. @ 6" above ground. S. (curb) 6" above mass of sprouts W. @ 6" above ground.	3" sound, then decayed. 2" sound, then decayed 3" sound, then decayed. 5" sound, then 4" decayed, 3" sound. At least 5" sound. Test stopped at this point.

The second step in risk assessment involves identifying the potential target(s) that might be struck should a failure occur (Table 3, page 8). Among the trees evaluated, street parking (310 trees, 49%), the adjacent sidewalk (150 trees, 24%) and the tree lawn (95 trees, 15%) were the most common targets identified. This was not surprising, given that most of the trees evaluated were located along city streets. Other potential targets included a driveway, the street and traffic.

In assessing the risk associated with each tree, I evaluated each of the following three factors on a scale from 1 to 4 (see page 3):

- 1. The potential that the tree or one of its parts will fail in the next two years.**
If I thought the tree was in imminent danger of failing, it received a rating of 4. If the potential was severe, the rating was 3; if moderate, 2 and if the failure potential was low, the rating was 1.
- 2. The size of the tree or part that was most likely to fail.**
A small branch <6" in diameter received a rating of 1 while a large tree of >30" diameter received a rating of 4.
- 3. The target that would be impacted should a failure occur.**
The potential for damage or injury was greatest if a tree failure would either hit a house or fall into traffic. Such situations received a rating of 4. If the area beneath the tree was a lawn, the likelihood that damage or injury would occur was rated as 1.

Because each of the three factors could be scored from 1 to 4, the potential range of tree risk ratings was 3 to 12 (Figure 1 page 8). Slightly over half (54%) of the trees evaluated had ratings of 7 or lower. For trees with these low ratings, the most common situation involved a branch as the most likely failure (note blue bars in Figure 1), with the target being the sidewalk, lawn surrounding the planting area or an adjacent parking place. Examples of trees with ratings of 7 or lower include #955 (Photo 1) and #707 (Photo 707).

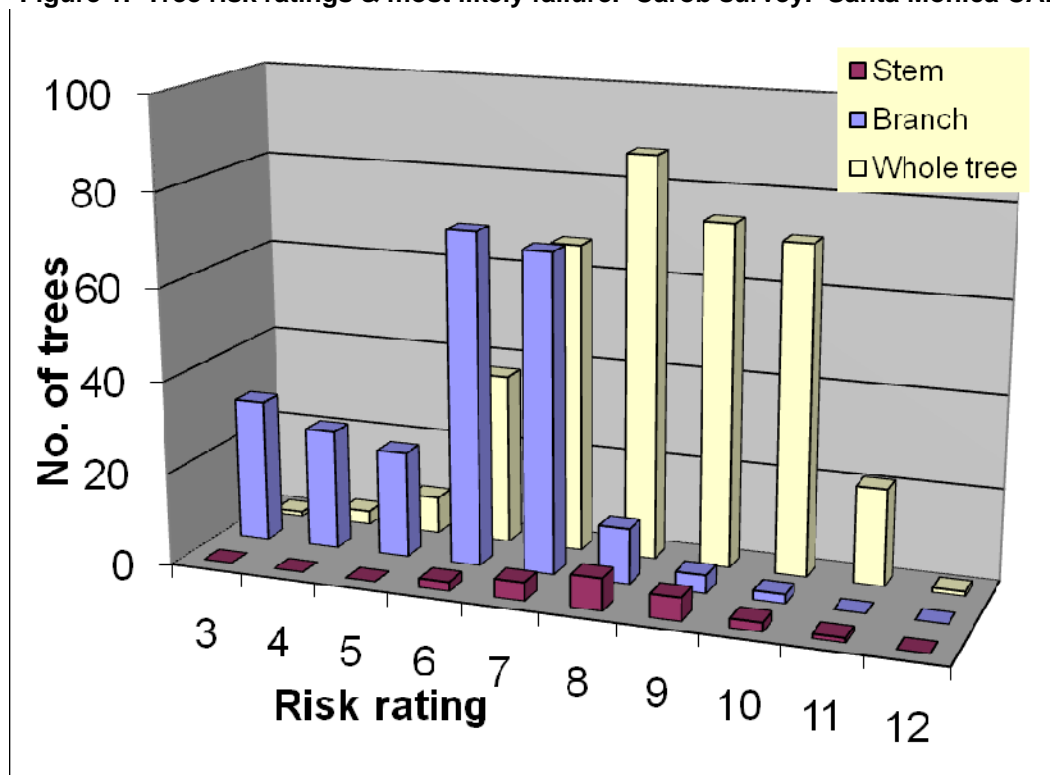
In contrast, 98 trees (16%) were rated as 10 or greater. Situations with ratings of 10 or above involved the entire tree (yellow bars in Figure 1) in close proximity to a highly rated target such as parking or the traffic. For example, tree #792 (Photo 3) received a rating of 10 based on its imminent potential to fail (rating of 4), the size of the stem that would most likely fail (diameter >30", rating of 4) and the target that would be struck (the adjacent driveway). Tree #1263 (Photo 5) received a rating of 11 due to its imminent danger of failing (extensive decay at the base), its large size and the presence of parking beneath the canopy.

In summary, the goal of rating the risk associated with each tree was to identify those trees that pose the most significant danger to the public. As indicated in Figure 1, there were relatively few trees with ratings above 10. It is these trees that should be first addressed in any action program.

Table 3. Potential targets & assigned rating. Carob survey. Santa Monica CA.

Target	Rating	No. of trees	Note
Fence	1	2	
Lawn	1	95	Tree lawn
Bench	2	1	
Driveway	2	23	Just the driveway area
Sidewalk	2	150	
Street	2	16	Red zone or other no parking area. Residential streets.
Bus stop	3	1	
Parking	3	310	Residential or other automobile parking.
Yard area	3	4	
House	4	6	
School	4	3	Would hit building or travel ways
Traffic	4	19	Tree would block traffic. Arterial streets.

Figure 1. Tree risk ratings & most likely failure. Carob survey. Santa Monica CA.



III. Summary and Recommendations

One of the goals of tree risk assessment is to enhance public safety. This is accomplished by assessing the risk for damage or injury should a tree fail, then taking action to abate that risk. Where large numbers of trees are involved, a rating system such as used in this assessment may be employed. The greater the rating, the greater the risk associated with a tree.

For this assessment, trees rated '12' are considered more hazardous than those rated '11', which are more hazardous than those rated '10', and so on. Any treatments to abate the risk posed by trees in Santa Monica should logically start with those trees rated '12', then proceed to those rated '11', then '10' and so forth. Ratings themselves do not define what action should be taken. Abatement procedures may include pruning, removal, changing use around the tree and installation of support system. The process of abatement will be initiated by the City's Public Landscape Division Department.

Our procedure focused on trees with observable defects. Failure of trees without defects visible during a ground inspection may occur. During storm events wind forces can exceed the strength of defect-free wood, causing branches to break and entire trees to fall. In addition, trees may possess defects that are not visible during a routine inspection. Some decay organisms may act on the below-ground parts of the tree and cannot be detected (Photo 6). Although we cannot predict all failures, identifying those trees with observable defects is a critical component of enhancing public safety.



Photo 6. Tree #978 failed the day after it was inspected. Although the 20" diameter was vigorous, almost all of the major roots were decayed, a defect that was not visible.

A large fraction of the surveyed trees were in poor condition, resulting from a variety of reasons including age, the presence of decay, and a history of root pruning. As decay degrades sound wood and weakens the tree's overall structure, the potential for the entire tree to fail increases. The challenge to the City is to identify trees whose structure has been compromised. Based on my findings, the presence of a wound or cavity alone is insufficient to judge a tree as having high potential to fail. Additional factors must be considered including:

1. Presence of fungal fruiting bodies. Fruiting bodies indicate extensive decay.
2. Tree lean and orientation. Trees with lean or bowed trunks are more likely to fail.
3. Size and distribution of the crown. One-sided or asymmetric crowns are more likely to fail.
4. Overall tree health and vigor. Vigorous trees are better able to tolerate decay than non-vigorous ones.

Where one or more of the above factors is present or develops in conjunction with decay, the potential for failure will be greater. City staff must address the continued development of decay and increased failure potential by closely monitoring trees and implementing a program of tree removal and replacement.

Based on my observations and assessment, I recommend the following:

1. Abate the risk posed by trees, following the priority established by the ratings. Complete treatment of those trees with ratings of 12, followed by those with 11, 10, 9, 8, etc. Record the nature and date of abatement.
2. City staff and the community's tree care contractor should monitor trees for the presence of defects such as changes in orientation and/or recent lean, presence of cracks into the wood and/or between codominant stems, and the development of fungal fruiting bodies (mushrooms and conks). See the Carob Assessment Procedures list in the **Attachments**.
3. Incorporate the findings of tree performance into overall management of the City's street and park tree resource:
 - Install carob only in locations with an 8' wide tree lawn or planting area.
 - Develop a removal and replacement plan for streets with a large number of problem trees. The best example is Franklin where several carobs have failed, others have been removed and a number received high ratings.
 - When purchasing new plants, specify high quality trees with good structure.
 - Ensure that young trees (<10 years old) receive at least one structural pruning following planting.
 - Avoid creating large wounds when root pruning. Use alternatives to root pruning when repairing sidewalks.
4. Plan to re-assess the trees within the next 3 years. Given the budget constraints that City of Santa Monica faces, a follow-up assessment could focus on select group of trees. For example, only those trees with trunk diameters of 18" or greater would be inspected.

HortScience, Inc.



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Attachments

Carob Assessment Procedures

Routine

Visual assessment of tree condition during normal work activities. Of particular concern:

- Declining vigor, particularly in density and color of foliage and dieback of twig and branches.
- Changes in orientation, i.e., increased lean.
- Presence of fungal fruiting bodies, particularly *Ganoderma* sp.

Ganoderma fruiting structures. Right: old *G. applanatum*. Below: new *G. lucidum*.



Seasonal (fall)

In addition to the above:

- Presence of fruiting bodies of sulfur fungus (*Laetiporus sulfureous*). Look for orange-yellow conks on the lower trunk and old wounds. Conks fade to an ivory color with a chalky consistency.



During pruning

Tree crew should be performing a visual assessment of branch attachment, particularly resprouts, and root collar. Of particular concern:

- Dieback & decay at old pruning and root pruning wounds.
- Fruiting bodies of decay fungi (including sulfur fungus), at branches and base.
- Cracks in branches and in the face of wounds.
- Heavy lateral limbs.
- Uplifting of roots and/or mounding of soil at the base.

HortScience, Inc.

December 2007



Carob trees
 Santa Monica CA
 October 2007

TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1327	SANTA MONICA BLVD	1301	Carob	30,29	3	Codominant trunks @ 4'; 30" stem bowed over street; 29" upright; Laetiporus conk on N. @ 2'; upper crown thinning.	10
1326	LINCOLN BLVD	728	Carob	26	3	Poor form with heavy lateral limb to S.; Ganoderma @ base.	8
1325	OCEAN AVE	1302	Carob	31	3	Across from 1337 Ocean; basal wounds; codominant trunks @ 5'; 1 upright; 1 horizontal to NW. with crack on upper side near attachment.	10
1324	MAIN ST	1685	Carob	7	3	N. parking lot; trunk wounds.	5
1323	MAIN ST	1685	Carob	19	2	N. parking lot; very twig dieback; decay @ base; heavy to S.	9
1322	MAIN ST	1685	Carob	25	2	N. parking lot; strong lean S.; extensive decay @ base; N. side of crown thin with twig dieback.	9
1321	KENSINGTON	633	Carob	10	3	Bowed S. over bench; trunk wounds.	6
1320	OCEAN PARK BLVD	2402	Carob	15	4	Nice form; root pruned?	5
1319	OCEAN PARK BLVD	2011	Carob	17	2	Extensive trunk decay; sounded hollow; Laetiporus conk on trunk; leans S.	9
1318	OCEAN PARK BLVD	2011	Carob	13	2	Extensive twig dieback; multiple attachments @ 6'; slight lean N.	6
1317	OCEAN PARK BLVD	1802	Carob	20	3	Strong but partly corrected lean to SE.; base @ edge of dripline; decay @ base on NW.	8
1316	OCEAN PARK BLVD	1504	Carob	27	2	Basal cavities on W. & S.; multiple attachments @ 6'; twig dieback.	9



HORTSCIENCE TREE SURVEY

Carob trees
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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1315	OCEAN PARK BLVD	1424	Carob	24	2	Bowed S.; extensive trunk decay; basal cavity on N.	11
1314	OCEAN PARK BLVD	1342	Carob	25	3	Extensive trunk wounds with decay on S.; multiple attachments @ 10'; twig dieback.	10
1313	OCEAN PARK BLVD	1336	Carob	25	2	Basal wounds on all sides; multiple attachments @ 9'; thin canopy.	10
1312	OCEAN PARK BLVD	1336	Carob	24	2	Huge wound into trunk base on N.; very thin canopy.	11
1311	OCEAN PARK BLVD	1332	Carob	19	3	Multiple attachments @ 7'; basal cavity on N.	10
1310	OCEAN PARK BLVD	1326	Carob	14	3	Multiple attachments @ 7'.	8
1309	OCEAN PARK BLVD	1324	Carob	23	1	Failing to S.; extensive trunk decay.	10
1308	OCEAN PARK BLVD	1322	Carob	33	3	Extensive basal wounds; scaffold branch failure; full canopy.	10
1307	OCEAN PARK BLVD	1308	Carob	18	2	Extensive basal wounds; leans W.	11
1306	OCEAN PARK BLVD	1308	Carob	21	3	Codominant trunks @ 7' & 9'; okay form.	7
1305	OCEAN PARK BLVD	1302	Carob	25	2	Basal wound becomes trunk wound on N; multiple attachments @ 6'; thin canopy.	10
1304	OCEAN PARK BLVD	1302	Carob	20	3	Basal wounds; codominant trunks @ 8' & 9'.	7
1303	OCEAN PARK BLVD	1221	Carob	17	3	Codominant trunks @ 5' & 9'; rangy form.	6



HORTSCIENCE TREE SURVEY

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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1302	OCEAN PARK BLVD	1221	Carob	11	4	Nice canopy; corrected lean S.	8
1301	OCEAN PARK BLVD	1221	Carob	9	2	Long trunk wound on S. with Laetiporus conk; thin canopy.	9
1300	OCEAN PARK BLVD	1219	Carob	14	1	Almost dead; leans SW.	10
1299	OCEAN PARK BLVD	1219	Carob	11	2	Extensive twig dieback; leans E.	9
1298	OCEAN PARK BLVD	1212	Carob	20	2	Twig dieback; basal wounds.	9
1297	OCEAN PARK BLVD	1212	Carob	20	2	Twig dieback; basal cavity.	10
1296	OCEAN PARK BLVD	1128	Carob	13	1	Extensive twig dieback; just poor.	9
1295	OCEAN PARK BLVD	1128	Carob	17	2	Twig dieback; multiple attachments @ 7'; basal wounds.	8
1294	OCEAN PARK BLVD	1128	Carob	17	2	Twig dieback; basal wounds; trunk cavity; old Ganoderma.	9
1293	OCEAN PARK BLVD	1128	Carob	25	2	Twig dieback; old Ganoderma on N.; basal wounds.	11
1292	OCEAN PARK BLVD	1128	Carob	28	2	Multiple attachments @ 7'; twig dieback; basal wounds.	9
1291	OCEAN PARK BLVD	1128	Carob	17	2	Twig dieback; codominant trunks @ 7'; basal wounds.	8
1290	OCEAN PARK BLVD	1128	Carob	22	2	Codominant trunks @ 8'; twig dieback; long trunk wound on N.	10



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1289	OCEAN PARK BLVD	1128	Carob	22	2	Codominant trunks @ 5'; one-sided to S.; trunk wound with Ganoderma on N.	10
1288	OCEAN PARK BLVD	1112	Carob	28	2	One-sided to W.; basal cavity & trunk cavity.	11
1287	11ST	2602	Carob	20	3	On Ocean Park; strong lean E.; nice crown.	8
1286	LINCOLN BLVD	2601	Carob	21	3	On Ocean Park; twig dieback on E.; codominant trunks @ 6'; leans S.	8
1285	MAIN ST	1855	Carob	8	3	4th St.; strong lean E.	7
1284	MAIN ST	1855	Carob	20	3	4th St.; multiple attachments @ 7'; foamy conk; small basal cavity.	6
1283	MAIN ST	1855	Carob	23	3	Pico side; outside fence; old Ganoderma @ base; multiple attachments @ 6'.	6
1282	MAIN ST	1855	Carob	10	3	Pico side; outside fence; lean S.	6
1281	MAIN ST	1855	Carob	26	4	Pico side; outside fence; multiple attachments @ 6'; branch wounds.	6
1280	MAIN ST	1855	Carob	11	3	Pico side; outside fence; bowed SE.	6
1279	MAIN ST	1855	Carob	15	3	Pico side; outside fence; codominant trunks @ 5'; scaffold branch failure.	5
1278	MAIN ST	1855	Carob	23	3	Pico side; basal cavity; scaffold branch failure; codominant trunks @ 8'.	7
1277	MARINE ST	1406	Carob	21	3	W. side, tennis courts; leans SW.; failling @ base.	8
1276	MARINE ST	1406	Carob	21	3	W. side, tennis courts; old Ganoderma @ base; multiple attachments @ 8'.	5
1275	MARINE ST	1612	Carob	16	3	Trunk cavity; multiple attachments @ 6'.	7
1274	MARINE ST	1612	Carob	8	1	Largely dead.	6



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1273	MARINE ST	1610	Carob	18	3	Leans SE.; flat area @ base with area of dead on trunk.	9
1272	MARINE ST	1406	Carob	29	4	Ball field; codominant trunks @ 8'; heavy lateral limb to E.; trunk decay.	6
1271	HILL ST	2029	Carob	20	1	Couldn't be worse.	10
1270	HILL ST	2029	Carob	15	2	Strong lean S.; twig dieback.	8
1269	HILL ST	2025	Carob	29	2	Leans E.; thin canopy; twig dieback; old Ganoderma @ base.	9
1268	HILL ST	2019	Carob	15	3	Irregular form, one-sided to E.; bleeding.	7
1267	HILL ST	1722	Carob	22	3	Twig dieback; large cavity low on trunk.	9
1266	HILL ST	1710	Carob	15	2	Basal wounds; thin canopy.	7
1265	HILL ST	1710	Carob	18	2	Leans SE.; twig dieback.	7
1264	HILL ST	1710	Carob	13	2	Very thin canopy; bowed S.	6
1263	HILL ST	1645	Carob	33	2	Huge base; sounded hollow; multiple attachments @ 8'; leans E.	11
1262	HILL ST	1645	Carob	13	3	Strong lean S.; trunk wounds.	7
1261	HILL ST	1644	Carob	13	2	Declining; strong lean S.	7
1260	HILL ST	1639	Carob	19	2	Root pruned on 2 sides; Laetiporus conk @ base & up trunk.	10
1259	HILL ST	1638	Carob	12	2	Leans S.; poor form & structure.	6
1258	HILL ST	1638	Carob	13	2	Twig dieback; basal wounds.	7
1257	HILL ST	1634	Carob	13	2	Thin canopy; twig dieback.	7
1256	HILL ST	1634	Carob	10	2	Very thin canopy.	7
1255	HILL ST	1630	Carob	20	2	Leans SE.; large basal wounds; Laetiporus conk on pruning wound high.	8



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1254	HILL ST	1518	Carob	14	3	Trunk wounds; heavy lateral limb over sidewalk.	6
1253	HILL ST	1515	Carob	13	2	Basal cavity extends up trunk; leans N.	7
1252	HILL ST	1515	Carob	23	2	Extensive damage from root pruning; leans S.; Laetiporus conk @ base; turf mounded.	10
1251	HILL ST	1510	Carob	15	1	Decay @ base; leans NE.	9
1250	HILL ST	1509	Carob	18	3	Decay @ base; leans E.	9
1249	HILL ST	1503	Carob	25	2	Decay @ base; Laetiporus conk on NW.	10
1248	HILL ST	1422	Carob	21	1	Ready to go; extensive trunk decay; Laetiporus conk @ base, 2 spots.	10
1247	HILL ST	1421	Carob	35	3	Multiple attachments @ 6'; numerous pruning wounds; thin upper crown.	6
1246	HILL ST	1421	Carob	16	2	Falling @ base to S.	9
1245	HILL ST	1418	Carob	21	2	Laetiporus on 2 sides @ 6'; codominant trunks @ 6'; basal wounds; twig dieback.	10
1244	HILL ST	1412	Carob	13	2	Branch failure on street side; long trunk wound.	5
1243	HILL ST	1411	Carob	18	2	Declining; twig dieback; bowed S.	8
1242	HILL ST	1411	Carob	12	1	Leans SE.; basal wounds.	9
1241	HILL ST	1408	Carob	16	1	Couldn't be worse.	9
1240	HILL ST	1402	Carob	21	3	Corrected lean S.; heavy lateral limb over street; twig dieback on S.	8
1239	HILL ST	1401	Carob	22	2	Large basal wounds & decay extend into trunk; lean SE.; thin canopy.	10
1238	HILL ST	1401	Carob	24	2	Large basal wounds & decay; thin canopy.	9

TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1237	HILL ST	1352	Carob	23	2	Extensive buttress roots wounded & decayed; Laetiporus conk on root; multiple attachments @ 8'; thin upper crown;	10
1236	HILL ST	1343	Carob	13	4	Nice; codominant trunks @ 6'; root pruned?	7
1235	HILL ST	1327	Carob	14	3	Basal wounds.	7
1234	HILL ST	1321	Carob	22	2	Basal wounds; trunk decay; leans S.	9
1233	HILL ST	1308	Carob	12	2	Corrected lean S.; twig dieback	6
1232	HILL ST	1307	Carob	14	1	Largely dead; Laetiporus conk on trunk.	8
1231	HILL ST	1302	Carob	16	2	Basal wounds; twig dieback.	8
1230	HILL ST	1225	Carob	21	1	Largely dead; leans NE.	8
1229	HILL ST	1220	Carob	33	2	Large basal wounds & cavities from root pruned; leans S.	10
1228	HILL ST	1206	Carob	18	2	Large basal wounds from root pruning.	9
1227	HILL ST	1125	Carob	14	2	Basal cavities.	7
1226	HILL ST	1121	Carob	14	2	Twig & branch dieback; poor form.	7
1225	11ST	2727	Carob	26	1	On Hill; Ganoderma lucidum @ base; Laetiporus conk on E.; largely dead.	10
1224	11ST	2801	Carob	22	1	On Hill; couldn't be worse; Laetiporus conks along trunk.	10
1223	11ST	2801	Carob	15	2	On Hill; pruned hard just epicormic shoots; declining; basal cavities.	8
1222	PIER AVE	2029	Carob	23	2	Declining; twig dieback; huge wounds on 2 sides from root pruning.	10
1221	PIER AVE	2025	Carob	10	2	Leans SE.; basal wounds.	8
1220	PIER AVE	2024	Carob	18	3	Thin canopy; root pruned.	7



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1219	PIER AVE	2020	Carob	19	2	Declining; thin canopy; twig dieback.	8
1218	PIER AVE	2019	Carob	11	3	Multiple attachments @ 6' with cavity below attachment.	7
1217	PIER AVE	2015	Carob	14	2	Extensive twig & branch dieback.	8
1216	PIER AVE	2011	Carob	15	3	Thin upper crown; codominant trunks @ 6'; wide attachment.	6
1215	PIER AVE	2010	Carob	26	3	Long trunk wound on N.; extensive bleeding; okay crown.	8
1214	PIER AVE	2003	Carob	25	2	Basal decay extends up trunk; leans S.; twig dieback.	10
1213	PIER AVE	1818	Carob	34	2	Tagged on S.; dying; leans S.	9
1212	PIER AVE	1817	Carob	22	2	Basal decay extends up trunk; leans S.	9
1211	PIER AVE	1812	Carob	28	2	Laetiporus @ base & pruning wounds.; heavy lateral limb over sidewalk.	10
1210	PIER AVE	1811	Carob	22	1	Failing @ base to S.; basal wounds; Laetiporus conk @ base.	10
1209	PIER AVE	1808	Carob	22	2	Failing @ base to S.; basal cavities; twig dieback; scaffold branch failure.	9
1208	PIER AVE	1802	Carob	13	4	Couldn't see base of trunk.	6
1207	PIER AVE	1725	Carob	23	4	Root pruned on 2 sides; big beautiful crown; codominant trunks @ 8'; minor twig dieback.	6
1206	PIER AVE	1721	Carob	32	4	Root pruned on 2 sides; big beautiful crown; buttress roots wounded & decayed.	7
1205	PIER AVE	1713	Carob	11	3	Thin upper crown.	7
1204	17ST	3001	Carob	6	2	On Pier; trunk wound; no vigor.	5



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1203	ASHLAND AVE	1663	Carob	21	3	On 17th; leans S.; Laetiporus conk on pruning wound.	8
1202	ASHLAND AVE	1663	Carob	31	2	On 17th; extensive decay @ base; Laetiporus conk.	11
1201	ASHLAND AVE	1663	Carob	16	3	On 17th; Laetiporus conk on pruning wound; codominant trunks @ 4' with included bark.	7
1200	ASHLAND AVE	1663	Carob	23	3	On 17th; scaffold branch failure; lateral also failed; trunk cavity.	7
1199	ASHLAND AVE	1663	Carob	22	3	On 17th; bowed E.; trunk decay.	7
1198	17ST	2829	Carob	10	3	Multiple attachments @ 7'.	6
1197.1	HILL ST	1654	Carob	15	2	On 17th; root pruned.	6
1197	HILL ST	1704	Carob	15	2	Laetiporus on old pruning wounds; twig dieback.	8
1196	HILL ST	1704	Carob	16	1	On 17th; huge basal cavity; failing.	9
1195	HILL ST	1704	Carob	8	1	On 17th; large basal cavities.	8
1194	HILL ST	1704	Carob	16	3	On 17th; root pruned; some twig dieback.	6
1193	17ST	2727	Carob	7	3	On Hill; basal wound.	7
1192	17ST	2727	Carob	22	3	Asymmetric form; root pruned on 2 sides.	9
1191	HILL ST	1655	Carob	20	2	Long trunk wound on W.; from root pruned?; thin canopy.	8
1190	HILL ST	1655	Carob	10	3	Corrected lean S.	5
1189	HILL ST	1655	Carob	20	2	Codominant trunks @ 5'; bolted; Laetiporus conk on pruning wound; thin canopy.	8
1188	HILL ST	1655	Carob	15	2	Declining; thin canopy; leans SW.	7
1187	17ST	2708	Carob	23	2	Root pruned with basal cavities; codominant trunks @ 6'.	9



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1186	17ST	2708	Carob	11	2	Declining; twig dieback; Laetiporus conk on trunk.	7
1185	17ST	2706	Carob	14	2	Declining; twig dieback; Laetiporus conk on trunk.	8
1184	17ST	2704	Carob	15	2	Very thin canopy.	8
1183	17ST	2702	Carob	18	2	Laetiporus on trunk; twig dieback.	8
1182	OAK ST	1704	Carob	20	2	Root pruned; thin canopy.	9
1181	OAK ST	1704	Carob	15	2	Failing @ base to SW.; thin canopy; twig dieback	9
1180	OAK ST	1704	Carob	13	2	Very thin canopy; large trunk wound on S.	4
1179	OAK ST	1704	Carob	14	2	Bowed E.; twig dieback.	7
1178	OAK ST	1701	Carob	20	3	Codominant trunks @ 6'.	6
1177	OAK ST	1701	Carob	11	2	Poor form & structure.	7
1176	OAK ST	1701	Carob	17	3	Twig dieback; couldn't see base of trunk; codominant trunks @ 5'.	6
1175	OAK ST	1701	Carob	16	2	Tagged on S.; couldn't see base of trunk; declining; Laetiporus conk on trunk.	7
1174	29ST	2640	Carob	24	2	On 17th; root pruned; couldn't see base of trunk; declining.	10
1173	29ST	2639	Carob	20	1	Couldn't be worse; Laetiporus conk @ 16'.	10
1172	29ST	2639	Carob	24	1	Couldn't be worse.	10
1171	29ST	2638	Carob	26	3	Root pruned; twig dieback.	8
1170	29ST	2630	Carob	24	3	Root pruned; looks okay; dense crown.	7
1169	29ST	2624	Carob	23	3	Root pruned; looks good.	8
1168	29ST	2623	Carob	23	2	Leans SE.; Laetiporus conk @ base on W.; long trunk wound from base to 6' on N.	9
1167	29ST	2607	Carob	32	3	Root pruned; Laetiporus conk on pruning wound; thinning.	10



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1166	29ST	2606	Carob	38	3	Root pruned; multiple attachments @ 7' with heavy lateral limb.	8
1165	29ST	2605	Carob	32	2	Root pruned on 2 sides; decayed; leans W.; crown reduced.	10
1164	29ST	2524	Carob	29	2	Extensive decay @ base; leans SW.	10
1163	29ST	2507	Carob	23	2	Root pruned; declining; trunk sounds decayed.	9
1162	29ST	2507	Carob	26	2	Root pruned; Laetiporus conk on street side; twig dieback.	9
1161	PEARL ST	2825	Carob	21	3	Root pruned on 2 sides; trunk decay.	9
1160	29ST	2346	Carob	10	3	Basal cavity on N.; dense crown.	7
1159	29ST	2332	Carob	21	1	Root pruned on 2 sides; couldn't be worse.	10
1158	29ST	2332	Carob	12	3	Dense crown.	7
1157	29ST	2328	Carob	22	2	Root pruned on 2 sides; twig dieback; multiple attachments @ 5'.	10
1156	29ST	2325	Carob	22	3	Codominant trunks @ 8' with included bark; root pruned.	8
1155	29ST	2324	Carob	15	2	Leans S.; twig dieback; root pruned on 2 sides.	7
1154	29ST	2320	Carob	14	3	Root pruned on 2 sides; Ganoderma; dense canopy.	8
1153	FRANKLIN ST	1748	Carob	38	2	Severe root pruned; multiple attachments @ 6'; heavy to street.	11
1152	FRANKLIN ST	1744	Carob	23	2	3 old Ganoderma @ base; root pruned; thin canopy; declining.	9
1151	FRANKLIN ST	1736	Carob	31	2	Severe decay on sidewalk side from root pruning; multiple attachments @ 7'.	10



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1150	FRANKLIN ST	1732	Carob	22	3	Multiple attachments @ 7'; thin canopy.	8
1149	FRANKLIN ST	1727	Carob	28	3	Poor form; heavily pruned; twig dieback.	8
1148	FRANKLIN ST	1723	Carob	16	2	Thin canopy.	6
1147	FRANKLIN ST	1719	Carob	31	2	Leans W.; thin canopy; decay @ base on E. where root pruned.	10
1146	FRANKLIN ST	1716	Carob	19	3	Leans E.; root pruned on W.	8
1145	FRANKLIN ST	1702	Carob	37	2	Root pruned on W.; Ganoderma on E.; multiple attachments @ 8'.	12
1144	FRANKLIN ST	1660	Carob	28	3	Laetiporus on N. @ 6' where bleeding; multiple attachments @ 6'.	7
1143	FRANKLIN ST	1649	Carob	43	3	Large wound on E. from root pruning; sounded solid; codominant trunks @ 8'.	9
1142	FRANKLIN ST	1641	Carob	41	3	Ganoderma @ base; Laetiporus conk @ old pruning wound; codominant trunks @ 7'; upright.	10
1141	FRANKLIN ST	1636	Carob	27	2	Extensive decay @ base from root pruning.	10
1140	FRANKLIN ST	1626	Carob	21	3	Codominant trunks @ 6' with wide attachment.	7
1139	FRANKLIN ST	1625	Carob	31	3	Leans NW.; codominant trunks @ 8' with pruning wound @ attachment.	7
1138	FRANKLIN ST	1621	Carob	16	3	Leans N.; thin canopy.	6
1137	FRANKLIN ST	1617	Carob	24	3	Scaffold branch failure; leans NW.	8
1136	MONTANA AVE	1002	Carob	12	3	Leans S.	7
1135	MONTANA AVE	1002	Carob	22	2	Failing @ base to S.; numerous basal cavities; Ganoderma.	10
1134	MONTANA AVE	1001	Carob	17	3	Leans W.; multiple attachments @ 8'.	6
1133	CALIFORNIA AVE	930	Carob	11	3	Multiple attachments @ 8'.	4



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1132	CALIFORNIA AVE	930	Carob	39	2	Codominant trunks @ 6' with cavity btwn.; Ganoderma on 2 sides @ 3'; numerous large pruning wounds.	11
1131	CALIFORNIA AVE	1002	Carob	23	2	Several Ganoderma conks @ base; multiple attachments @ 6'.	10
1130	CALIFORNIA AVE	1015	Carob	21	3	Multiple attachments @ 7'; slight lean W.	8
1129	CALIFORNIA AVE	1015	Carob	12	3	Leans W.; codominant trunks @ 8'.	7
1128	12ST	507	Carob	5	4	Good young tree.	4
1127	MARGUERITA AVE	726	Carob	7	2	Thin canopy & off-color.	5
1126	LINCOLN BLVD	722	Carob	31	3	Dying back in upper crown; old Ganoderma @ base.	10
1125	LINCOLN BLVD	722	Carob	30	2	Laetiporus on several pruning wounds; thinning upper crown.	10
1124	LINCOLN BLVD	718	Carob	35	2	Basal wounds & cavities; leans SE; trunk decay.	11
1123	LINCOLN BLVD	718	Carob	31	3	Dying back in upper crown.	10
1122	LINCOLN BLVD	714	Carob	21	3	Leans SW.; thin canopy; basal wounds.	7
1121	LINCOLN BLVD	601	Carob	19	2	Leans S. with extensive cavity @ base on S.	10
1120	LINCOLN BLVD	601	Carob	10	3	School property? Large basal wound on E.; leans W.; asymmetric form.	6
1119	LINCOLN BLVD	601	Carob	40	3	School property? Codominant trunks @ 5'; both with irregular form; Ganoderma @ base.	9
1118	LINCOLN BLVD	601	Carob	31	3	Nice form; heavy to street; Laetiporus conk on old pruning wound; codominant trunks @ 6' & 10' with decayed pruning wound @ 6'.	6
1117	LINCOLN BLVD	601	Carob	26	2	Twig dieback; bowed to school.	9



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1116	LINCOLN BLVD	601	Carob	29	3	Multiple attachments @ 8'; 1 with internal crack; leans SE. with surface roots; some on sidewalk side are decayed.	10
1115	LINCOLN BLVD	601	Carob	25	3	Multiple attachments @ 8'; asymmetric form; one-sided to N.; new Ganoderma @ base.	10
1114	LINCOLN BLVD	702	Carob	23	3	New Ganoderma @ base on N.; multiple attachments @ 8'.	9
1113	LINCOLN BLVD	638	Carob	8	5	Good tree.	3
1112	LINCOLN BLVD	632	Carob	17	3	Strong lean E.; basal wound.	8
1111	LINCOLN BLVD	628	Carob	14	3	Pruned hard; one-sided to SW.; displacing sidewalk.	7
1110	LINCOLN BLVD	624	Carob	39	3	Leans E.; decay @ old pruning wounds; codominant trunks @ 6' & 8' pushed against each other.	9
1109	LINCOLN BLVD	618	Carob	8	2	Twig dieback; no vigor.	7
1108	LINCOLN BLVD	612	Carob	14	3	Extensive bleeding; hanger.	7
1107	LINCOLN BLVD	608	Carob	16	4	Multiple attachments @ 6'.	7
1106	LINCOLN BLVD	560	Carob	28	3	Codominant trunks @ 14'.	7
1105	LINCOLN BLVD	554	Carob	14	3	Numerous Ganoderma @ base; leans E.	8
1104	LINCOLN BLVD	548	Carob	24	4	Old Ganoderma @ base; otherwise good.	7
1103	LINCOLN BLVD	544	Carob	18	3	Ganoderma @ base; multiple attachments @ 7'.	7
1102	LINCOLN BLVD	543	Carob	15	2	Ganoderma @ base; Laetiporus conk on scaffolds; leans W.	8
1101	LINCOLN BLVD	540	Carob	22	3	Trunk decay; bowed to street.	7
1100	LINCOLN BLVD	537	Carob	16	3	Thin canopy.	7



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1099	LINCOLN BLVD	534	Carob	23	3	Ganoderma @ base; numerous basal wounds & trunk wounds; heavy lateral limb over street.	8
1098	LINCOLN BLVD	533	Carob	26	3	Ganoderma @ base; leans W.	9
1097	LINCOLN BLVD	528	Carob	18	3	Codominant trunks @ 10'; thin canopy.	6
1096	LINCOLN BLVD	527	Carob	27	3	Leans W.; bleeding.	8
1095	LINCOLN BLVD	524	Carob	11	3	Huge base; codominant trunks @ 7'.	7
1094	LINCOLN BLVD	523	Carob	14	2	Declining; bleeding.	6
1093	LINCOLN BLVD	517	Carob	22	2	Ganoderma on S. & N.; twig dieback.	10
1092	LINCOLN BLVD	516	Carob	11	3	Multiple attachments @ 7'; bleeding.	5
1091	LINCOLN BLVD	513	Carob	28	2	Huge Laetiporus conk; leans SW.	10
1090	LINCOLN BLVD	510	Carob	11	3	Multiple attachments @ 7'.	4
1089	LINCOLN BLVD	510	Carob	30	3	Multiple attachments @ 7'; on mound but looks okay.	7
1088	LINCOLN BLVD	501	Carob	15	5	Nice form; surface root.	6
1087	LINCOLN BLVD	463	Carob	27	3	Multiple attachments @ 9'; bowed SW.	7
1086	LINCOLN BLVD	456	Carob	9	3	Codominant trunks @ 8'.	5
1085	LINCOLN BLVD	455	Carob	25	2	Ganoderma @ 1'; leans SW.; thin canopy.	9
1084	LINCOLN BLVD	450	Carob	16	3	Basal cavity; leans N; codominant trunks @ 7'.	6
1083	LINCOLN BLVD	447	Carob	17	3	Leans SW.	7
1082	LINCOLN BLVD	446	Carob	7	2	Large basal wound.	6
1081	LINCOLN BLVD	442	Carob	21	2	Thin canopy; Ganoderma @ base; leans E.	10
1080	LINCOLN BLVD	438	Carob	26	3	Scaffold branch failure; lifting sidewalk but buttress on W. decayed; leans E.	8
1079	LINCOLN BLVD	430	Carob	13	3	Basal cavities; multiple attachments @ 7'.	6
1078	LINCOLN BLVD	431	Carob	18	3	Leans E.; mounded behind.	7



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1077	LINCOLN BLVD	425	Carob	18	2	Thin canopy; couldn't see base of trunk; leans SE.; old Ganoderma.	8
1076	LINCOLN BLVD	422	Carob	26	3	Multiple attachments @ 7' with scaffold branch failure @ attachment; slight lean E.	8
1075	LINCOLN BLVD	418	Carob	18	2	Thin canopy; multiple attachments @ 8'.	8
1074	LINCOLN BLVD	411	Carob	19	3	Ganoderma @ base on E.; multiple attachments @ 7'.	8
1073	LINCOLN BLVD	410	Carob	11	3	Huge trunk wound; multiple attachments @ 7'.	6
1072	LINCOLN BLVD	409	Carob	21	3	Leans S.; multiple attachments @ 8'.	7
1071	SAN VICENTE BLVD	1532	Carob	12	2	Ganoderma @ base on N.; leans S.	6
1070	SAN VICENTE BLVD	1532	Carob	18	2	Strong lean S.; decayed buttress roots on N.	8
1069	GEORGINA AVE	1605	Carob	21	3	Multiple attachments @ 8'; thin canopy.	5
1068	GEORGINA AVE	1605	Carob	10	2	No vigor; leans W.	6
1067	GEORGINA AVE	1605	Carob	17	2	Very thin canopy.	7
1066	SAN VICENTE BLVD	1002	Carob	18	3	Leans S. with dense crown.	8
1065	SAN VICENTE BLVD	1002	Carob	24	2	Multiple attachments @ 6'; leans N; thin canopy.	9
1064	SAN VICENTE BLVD	1002	Carob	30,27	3	Codominant trunks @ 4' & 10'; heavy lateral limb to SW.	8
1063	SAN VICENTE BLVD	934	Carob	27	4	Slight lean to street; surface roots.	7



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1062	SAN VICENTE BLVD	934	Carob	13	2	Declining.	6
1061	SAN VICENTE BLVD	934	Carob	12	3	Multiple attachments @ 8'.	5
1060	GEORGINA AVE	1001	Carob	31	2	Lifting out of ground to W.	10
1059	GEORGINA AVE	1001	Carob	26	3	Multiple attachments @ 6'.	7
1058	GEORGINA AVE	914	Carob	13	2	Dying; huge trunk wound.	8
1057	GEORGINA AVE	914	Carob	17	3	Thin canopy; leans E.	7
1056	GEORGINA AVE	806	Carob	45	2	Ganoderma on N.; multiple attachments @ 8' with bees in cavity @ attachment.	9
1055	SAN VICENTE BLVD	802	Carob	21	2	Leans S.; Ganoderma @ base on S.	9
1054	SAN VICENTE BLVD	802	Carob	37	2	Ganoderma @ base on E.; one-sided to W.	11
1053	SAN VICENTE BLVD	802	Carob	25	3	Lean S.; codominant trunks @ 7'.	7
1052	SAN VICENTE BLVD	730	Carob	25	3	Bowed S.; thin canopy.	8
1051	SAN VICENTE BLVD	730	Carob	19	3	Multiple attachments @ 7'; leans S.	5
1050	GEORGINA AVE	801	Carob	20	3	Multiple attachments @ 12'; slight lean SW.	7
1049	GEORGINA AVE	801	Carob	27	2	Multiple attachments @ 8'; old Ganoderma @ base; sounded hollow.	10
1048	GEORGINA AVE	801	Carob	14	3	Multiple attachments @ 6'.	4
1047	GEORGINA AVE	721	Carob	27	3	Multiple attachments @ 10'; bleeding.	6



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1046	ALTA AVE	732	Carob	14	3	Ganoderma @ base on N.; slight lean S.	8
1045	IDAHO AVE	926	Carob	32	3	Lifting sidewalk; leans SE.; Ganoderma @ base on N.	11
1044	IDAHO AVE	926	Carob	19	2	Scaffold branch failure on E. with basal wound below; leans E.	8
1043	IDAHO AVE	829	Carob	13	2	Failing @ base to E.	7
1042	IDAHO AVE	827	Carob	45	2	Leans S.; Ganoderma & Laetiporus conk on trunk; multiple attachments @ 6'; twig dieback.	11
1041	IDAHO AVE	825	Carob	24	3	Leans S.; Ganoderma @ base on N.; one-sided to W. & S.	10
1040	IDAHO AVE	727	Carob	25	2	Strong lean W.; bark checking.	8
1039	IDAHO AVE	727	Carob	16	2	Multiple attachments @ 7'; twig dieback; basal wounds.	6
1038	IDAHO AVE	727	Carob	27	3	Codominant trunks @ 7'; thin canopy but nice.	6
1037	IDAHO AVE	727	Carob	17	2	Extensive twig dieback; Ganoderma; leans S.	8
1036	IDAHO AVE	725	Carob	28	3	Codominant trunks @ 6' & 9'; thin upper crown.	8
1035	IDAHO AVE	723	Carob	39	3	Codominant trunks @ 8'; 1 heavy over street.	9
1034	IDAHO AVE	2015	Carob	32+	2	Untagged; in fenced area; basal cavity on NW; codominant trunks @ 14'.	10
1033	IDAHO AVE	2015	Carob	34+	3	Untagged; in fenced area; multiple attachments @ 6'; thin canopy.	6
1032	IDAHO AVE	2003	Carob	36+	2	Untagged; in fenced area; multiple attachments @ 6'; thin canopy.	9
1031	EUCLID ST	1111	Carob	25	3	Leans S.; high crown; Laetiporus conk @ base.	9



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1030	EUCLID ST	1111	Carob	30	2	Leans E. to building; trunk cavity; Ganoderma @ 5' on S.	11
1029	EUCLID ST	1101	Carob	29	2	Leans SW.; twig dieback; old Ganoderma @ base on S.	9
1028	WILSHIRE BLVD	925	Carob	28	2	Codominant trunks @ 7' & 8'; bleeding; thin canopy.	8
1027	WASHINGTON AVE	1720	Carob	14	3	Codominant trunks @ 6' & 7'.	7
1026	WASHINGTON AVE	1704	Carob	19	3	Tagged on W.; couldn't see base of trunk; asymmetric form.	7
1025	WASHINGTON AVE	1607	Carob	22	3	Multiple attachments @ 7'.	7
1024	WASHINGTON AVE	1610	Carob	15	3	Slight lean & one-sided to NW.; trunk wounds.	7
1023	WASHINGTON AVE	1605	Carob	15	5	Slight lean S.	6
1022	WASHINGTON AVE	1602	Carob	13	2	Leans NW. with long trunk wound.	7
1021	17ST	960	Carob	12	3	Strong lean to SW.; failing.	8
1020	17ST	960	Carob	26	4	Multiple attachments @ 8'; heavy to street; roots pruned on N.	8
1019	17ST	634	Carob	13	2	Leans S.; Ganoderma @ base on N.	9
1018	17ST	634	Carob	16	3	Multiple attachments @ 6' with stub.	7
1017	16ST	729	Carob	24,20	3	Codominant trunks @ 4' with seam to base.	7
1016	16ST	729	Carob	24	4	Multiple attachments @ 5'; heavy lateral limbs.	7
1015	16ST	721	Carob	34	2	Thin canopy; multiple attachments @ 5'.	7
1014	16ST	715	Carob	32	4	Codominant trunks @ 8'; stems kiss higher.	6
1013	16ST	718	Carob	32	3	Codominant trunks @ 10'; 1 stem strong to N.	7
1012	16ST	718	Carob	17	2	Large trunk wound extends up scaffold; very poor form.	8



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
1011	16ST	714	Carob	27	3	Codominant trunks @ 5'.	7
1010	16ST	714	Carob	24	3	Codominant trunks @ 6' with decay where 3rd stem x'd; bleeding.	7
1009	16ST	711	Carob	37	2	Laetiporus on trunk on N.; multiple attachments @ 7'; huge crown.	11
1008	16ST	710	Carob	17	2	Strong lean SW. with decay on tension; twig dieback.	7
1007	16ST	707	Carob	21	3	Bowed NW. with trunk cavities; codominant trunks @ 12'.	8
1006	16ST	703	Carob	39	2	Thin canopy; multiple attachments @ 5' with cavities near attachment; old Ganoderma.	10
1005	16ST	702	Carob	30	3	Trunk cavity; multiple attachments @ 12'; heavy lateral limb.	7
1004	16ST	639	Carob	17	3	Slight lean S.; codominant trunks @ 7'; heavy lateral limb	5
1003	16ST	636	Carob	5	2	Trunk wound; thin canopy.	4
1002	16ST	629	Carob	18	2	Large trunk cavity @ 4'.	7
1001	16ST	629	Carob	19	2	Leans S.; thin canopy.	7
1000	16ST	629	Carob	24	2	Twig dieback; trunk cavity.	6
999	16ST	603	Carob	26,22	2	Codominant trunks @ 4' with Ganoderma around attachment; buttress wounded.	10
998	16ST	560	Carob	17	2	Leans E.; with basal wound on tension side.	7
997	16ST	560	Carob	34	3	Codominant trunks @ 9' with 3rd stem removed; Ganoderma @ base on E.	10
996	16ST	560	Carob	25	2	Multiple attachments @ 6'; thin canopy; leans S.	7



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
995	16ST	546	Carob	20	2	Failing @ base to street.	10
994	16ST	532	Carob	29	3	Codominant trunks @ 7' with heavy lateral limb; dense crown; leans NW.	8
993	16ST	511	Carob	10	2	Thin canopy; twig dieback.	6
992	16ST	510	Carob	15	3	Ganoderma @ base; bleeding.	7
991	16ST	470	Carob	19	2	Thin canopy; multiple attachments @ 9'.	4
990	16ST	454	Carob	12	3	Ganoderma @ base; leans S.	8
989	16ST	448	Carob	18	2	Thin canopy; multiple attachments @ 6'; Ganoderma @ base.	10
988	16ST	427	Carob	20	4	Multiple attachments @ 8'.	7
987	16ST	424	Carob	15	4	Multiple attachments @ 8'.	6
986	16ST	421	Carob	10	3	Leans SE.; multiple attachments @ 8'.	4
985	16ST	420	Carob	20	3	Leans SW.; thin canopy.	8
984	CARLYLE AVE	1607	Carob	12	2	Thin canopy; multiple attachments @ 7'.	7
983	CARLYLE AVE	1606	Carob	15	2	Leans W.; thin canopy.	7
982	16ST	340	Carob	13	3	Leans SE.; codominant trunks @ 8'.	7
981	16ST	339	Carob	18	3	Thin canopy; multiple attachments @ 6'.	8
980	16ST	333	Carob	26	3	Codominant trunks @ 7'; extensive surface roots; branch failure.	6
979	16ST	332	Carob	8	2	Huge butt; no vigor.	6
978	16ST	330	Carob	20	3	Leans S.; Ganoderma just forming; multiple attachments @ 8'.	6
977	16ST	327	Carob	17	3	Multiple attachments @ 8'.	5
976	16ST	325	Carob	12	3	Multiple attachments @ 7'; stripped out.	4
975	16ST	317	Carob	12	2	Basal cavities; thin canopy.	6



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
974	16ST	307	Carob	12	2	Twig & branch dieback; Ganoderma @ base on E.	6
973	16ST	303	Carob	14	3	Lots of bleeding; codominant trunks @ 6'.	5
972	16ST	302	Carob	19	2	Ganoderma lucidum @ base on S.; thin canopy	10
971	16ST	254	Carob	14	3	Corrected lean S.; bleeding.	6
970	16ST	246	Carob	14	2	Ganoderma @ base on E.; multiple attachments @ 8'.	4
969	16ST	237	Carob	5	2	Just poor.	4
968	16ST	236	Carob	17	2	Ganoderma @ base on N. & S.; multiple attachments @ 8'.	9
967	16ST	227	Carob	15	3	Multiple attachments @ 7'; Ganoderma @ base on S.	4
966.1	16ST	218	Carob	20	4	Codominant trunks @ 7'.	6
966	16ST	939	Carob	35	3	Leans W.; root pruned on E.; surface roots on S. lifting out of ground; codominant trunks @ 10'.	11
965	16ST	937	Carob	17	3	Codominant trunks @ 8'; root pruned.	6
964	16ST	931	Carob	33	2	Leans SW.; root pruned on E.; thin canopy.	10
963	16ST	931	Carob	19,19	2	Codominant trunks @ 4'; high thin canopy.	7
962	16ST	960	Carob	24,20	3	Codominant trunks @ 4' & 7'; buttress roots decayed, extends into trunk.	11
961	16ST	960	Carob	12	3	Basal wounds.	4
960	WASHINGTON AVE	1503	Carob	30	3	Multiple attachments @ 6'; spread apart; surface roots pruned.	6
959	15ST	957	Carob	17	4	Codominant trunks @ 8'.	6
958	WASHINGTON AVE	1423	Carob	26	3	Codominant trunks @ 5' with decaying pruning wound btwn; leans SE.	9



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
957	WASHINGTON AVE	1423	Carob	36	4	Codominant trunks @ 6'; heavy lateral limb to S.	6
956	WASHINGTON AVE	1423	Carob	17	3	Leans NE with mounded turf behind; multiple attachments @ 9'.	7
955	15ST	954	Carob	30+	4	Untagged; surrounded by fence; couldn't see base of trunk; dense crown.	7
954	15ST	721	Carob	12	2	Declining.	7
953	15ST	708	Carob	23	2	Failing @ base to E.; cavity @ base on W.; thin canopy.	10
952	15ST	708	Carob	33	2	Extensive foamy conk on lower trunk; codominant trunks @ 12'.	9
951	15ST	631	Carob	10	3	Multiple attachments @ 7'.	4
950	15ST	624	Carob	39	2	Codominant trunks @ 5' with open attachment on N.	9
949	15ST	620	Carob	15	3	Ganoderma @ base on N.; codominant trunks @ 8'.	6
948	15ST	614	Carob	27	3	Codominant trunks @ 4' with cavity btwn.; 1 heavy to S. with cavity near attachment; old Ganoderma @ base.	6
947	15ST	604	Carrotwood?	5	3	Basal wounds.	3
946	15ST	601	Carrotwood?	5	2	Large basal cavity.	6
945	15ST	601	Carob	6	2	Strong lean W.; basal wound.	5
944	15ST	557	Carob	14	3	Long trunk wound from base on NE; multiple attachments @ 12'.	6



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
943	15ST	354	Carob	30	3	Codominant trunks @ 7' with seam on S. to base; old Ganoderma @ base on N.	8
942	15ST	343	Carrotwood?	14	4	Multiple attachments @ 6' with included bark.	3
941	15ST	337	Carob	29	2	Ganoderma @ base on N. & S.; scaffold branch failure; codominant trunks removed; asymmetric form.	9
940	15ST	333	Carob	22,14	2	Codominant trunks @ 3'; one-sided to S. with extensive decay in lower trunk.	10
939	WASHINGTON AVE	1403	Carob	31	2	Numerous basal cavities with adventitious roots; decay extends up trunk; thin canopy.	10
938	14ST	953	Carob	19	3	Corrected lean E.; multiple attachments @ 12'.	7
937	14ST	942	Carob	15	2	Bowed N.; multiple attachments @ 7' with 4th stem removed.	6
936	14ST	942	Carob	22	2	Strong lean S. with cavity; multiple attachments @ 6'.	7
935	12ST	734	Carob	27	2	Most of base dead; leans E.; twig & branch dieback.	9
934	12ST	728	Carob	44	2	Lots of Ganoderma @ base; extensive basal cavities; multiple attachments @ 8'; very thin canopy.	11
933	MONTANA AVE	1201	Carob	10	2	Rangy; twig dieback.	6
932	12ST	727	Carob	21	2	Ganoderma @ base on S.; codominant trunks @ 6' & 7'; bleeding; branch failure.	9
931	12ST	723	Carob	8	2	Declining.	8



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
930	12ST	724	Carob	20	2	Thin canopy; Ganoderma lucidum @ base on S.; bleeding; basal cavity on S.	10
929	12ST	717	Carrotwood?	5	4	Multiple attachments @ 6'.	3
928	12ST	718	Carob	20	3	Multiple attachments @ 13'.	7
927	12ST	714	Carob	46	3	Codominant trunks @ 5' with poor attachment & cavity on upper side of heavy lateral limb.	9
926	12ST	714	Carob	23	3	Codominant trunks @ 6' with cavity btwn.	7
925	12ST	711	Carob	20	2	Thin canopy; Ganoderma on N.	9
924	12ST	708	Carob	28	2	Leans E. with long trunk wound from base; codominant trunks @ 12'.	9
923	12ST	707	Carob	26	3	Corrected bow to E. with old pruning wound cavity @ attachment.	8
922	12ST	704	Carob	14	3	Codominant trunks @ 8'.	5
921	12ST	703	Carob	19	3	Codominant trunks @ 8'; dense but one-sided crown.	7
920	12ST	638	Carob	41	3	Extensive trunk decay; codominant trunks @ 12'.	10
919	12ST	637	Carrotwood?	5	4	Multiple attachments @ 6'.	3
918	12ST	634	Carob	26	3	Corrected lean S.; codominant trunks @ 16'.	6
917	12ST	633	Carob	14	3	Bowed SW.; base outside dripline.	7
916	12ST	628	Carrotwood?	3	2	Lower 2' of trunk split.	3
915	12ST	624	Carob	22	2	Most of crown failed; leans W. with base outside dripline; bleeding.	9



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
914	12ST	621	Carob	14	2	Thin canopy; trunk wound.	7
913	12ST	620	Carob	18	2	Strong lean SE.; extensive bleeding.	9
912	12ST	619	Carob	22	3	Multiple attachments @ 6'; dense crown; Ganoderma @ base on N.	9
911	12ST	615	Carob	13	4	Good tree; multiple attachments @ 7'.	3
910	12ST	614	Carob	32	2	Trunk decayed from base to 4', @ least; wide crown with heavy lateral limbs.	10
909	12ST	614	Carob	36	3	Leans N.; codominant trunks @ 5' with cavity @ attachment.	9
908	12ST	610	Carob	30	3	Codominant trunks @ 8' with cavity below attachment; leans S.; thin canopy.	10
907	12ST	609	Carob	1	5	Good young tree; long trunk wound.	3
906	12ST	602	Carob	25	4	Nice tree; codominant trunks @ 8' & 9'; bleeding.	7
905	ALTA AVE	1212	Carob	9	4	Multiple attachments @ 6'.	3
904	12ST	553	Carob	20	3	Multiple attachments @ 12'; bleeding; trunk decay.	7
903	12ST	552	Carob	3	4	Multiple attachments @ 6'.	3
902	12ST	552	Carrotwood?	1	4	Good young tree; minor twig dieback.	3
901	12ST	545	Carob	13	3	Ganoderma @ base on S.; codominant trunks @ 8'.	6
900	12ST	544	Carob	3	5	Good young tree.	3
899	12ST	544	Carob	27	3	Multiple attachments @ 6'; crown reduced.	7
898	12ST	541	Carob	14	3	Leans W.; codominant trunks removed @ 6'.	5
897	12ST	538	Carob	13	3	Irregular form.	6



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896	12ST	535	Carob	17,12	2	Codominant trunks @ 4' with cavity @ attachment; thin canopy; twig dieback.	8
895	12ST	534	Carob	24	3	Bowed W.; cavity @ old pruning wound; bleeding on lower trunk; heavy lateral limb to S.	7
894	12ST	531	Carob	15	3	Codominant trunks @ 8'.	4
893	12ST	528	Carob	15	3	Codominant trunks @ 7'; new small Laetiporus conk @ base on W.	7
892	12ST	527	Carob	11	3	Multiple attachments @ 7'.	3
891	12ST	524	Carob	23	2	Leans S.; couldn't see base of trunk; old Ganoderma on S.	8
890	12ST	521	Carob	16	4	Codominant trunks @ 8'.	7
889	12ST	518	Carob	20	3	Ganoderma @ base on N.; nice form.	8
888	12ST	517	Carob	34	2	Tagged on scaffold over sidewalk; multiple attachments @ 5' cracked in center; thin canopy.	8
887	12ST	515	Carob	22	3	Multiple attachments @ 6' with included bark; 1 stem with long cavity.	8
886	12ST	515	Carob	41	2	Codominant trunks @ 6' cracking apart; decay @ attachment.	11
885	12ST	512	Carob	3	4	Multiple attachments @ 7'.	3
884	12ST	508	Carob	29	4	Codominant trunks @ 8'; heavy lateral limb to sidewalk; dense crown.	7
883	12ST	502	Carob	16	2	Leans W.; Ganoderma lucidum @ base.	8
882	12ST	454	Carob	16	2	Leans S.; bleeding; thin canopy.	6
881	12ST	453	Carrotwood?	6	4	Multiple attachments @ 6'.	3



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880	12ST	453	Carrotwood?	6	4	Multiple attachments @ 6'; surface roots wounded.	3
879	12ST	444	Carob	6	4	Multiple attachments @ 6'.	3
878	12ST	444	Carrotwood?	5	4	Multiple attachments @ 6'.	3
877	12ST	443	Carob	23	3	Codominant trunks @ 6' & 10'; leans W. with basal cavity.	9
876	12ST	438	Carob	21	3	High crown; thin canopy; sprouts @ base.	6
875	12ST	437	Carob	15	2	Codominant trunks @ 9'; trunk decayed; Ganoderma lucidum @ base on N.	9
874	12ST	434	Carob	13	3	Codominant trunks @ 8'; Ganoderma @ base on E.; large surface root decayed; bleeding.	7
873	12ST	433	Carob	9	4	Codominant trunks @ 6'.	6
872	12ST	428	Carob	25	3	Codominant trunks @ 8'; Laetiporus conk on S. stem @ 12'.	7
871	12ST	428	Carob	18	3	Slight lean E.; no vigor.	9
870	12ST	427	Carob	8	3	Codominant trunks @ 6'; leans W.	6
869	12ST	427	Carob	13	3	Multiple attachments @ 5'; leans SE.	6
868	12ST	425	Carob	12	5	Codominant trunks @ 6' & 8'.	3
867	12ST	424	Carob	10	2	Bleeding; thin canopy.	6
866	12ST	418	Carob	27	3	Multiple attachments @ 7'; heavy lateral limb with cavity on upper surface.	9
865	12ST	417	Carob	31	3	Codominant trunks @ 7'; multiple attachments @ 10'; bleeding; dense crown.	8



Carob trees
 Santa Monica CA
 October 2007

TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
864	12ST	414	Carob	26	3	Multiple attachments @ 8'; heavy lateral limb; basal wounds; thin canopy; buttress roots wounded.	8
863	12ST	411	Carob	4	4	Multiple attachments @ 6' with included bark.	3
862	12ST	410	Carob	2	4	Good young tree.	3
861	12ST	404	Carrotwood?	11	4	Multiple attachments @ 6' with included bark.	4
860	12ST	403	Carob	7	1	Couldn't be worse.	7
859	12ST	354	Carob	19	3	Codominant trunks @ 6'; bowed SW.; mounded soil on E.	8
858	12ST	342	Carob	18	4	Codominant trunks @ 9' with wide attachment; bleeding.	7
857	12ST	338	Carob	18	3	Codominant trunks @ 8'; basal wounds.	7
856	12ST	337	Carob	22	4	Multiple attachments @ 9'; basal wounds.	6
855	12ST	333	Carob	7	4	Codominant trunks @ 7'; dense crown; trunk wounds.	3
854	12ST	332	Carob	26	2	Multiple attachments @ 6'; extensive basal wounds extend up trunk; old Ganoderma on N.; new Laetiporus conk on N. @ 5'.	10
853	12ST	332	Carob	24	2	Codominant trunks @ 7'; separating; thin canopy; bleeding; trunk decay.	8
852	12ST	328	Carob	30	4	Codominant trunks @ 8' with included bark; basal wounds.	6
851	12ST	327	Carob	7	5	Good young tree.	3
850	12ST	327	Carob	13	4	Multiple attachments @ 8'.	6
849	12ST	322	Carob	26	3	Codominant trunks @ 8' & 10'; basal wounds.	8



Carob trees
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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
848	12ST	322	Carob	28	2	Codominant trunks @ 6' cracked & failing; Ganoderma on N. where codominant trunks failed.	10
847	12ST	321	Carob	13	4	Codominant trunks @ 8'.	4
846	12ST	318	Carob	14	2	Decayed; Ganoderma on SE.; codominant trunks @ 5'.	8
845	12ST	308	Carrotwood?	3	4	Multiple attachments @ 7'; basal wound.	3
844	12ST	317	Carrotwood?	8	4	Multiple attachments @ 6' with included bark.	4
843	12ST	317	Carrotwood?	9	4	Multiple attachments @ 6' with included bark; couldn't see base of trunk.	4
842	12ST	314	Carob	24	4	Codominant trunks @ 14' with poor attachment; 1 bowed to street; surface roots wounded.	7
841	12ST	308	Carrotwood?	8	4	Multiple attachments @ 7'; mess.	6
840	12ST	311	Carob	7	3	Irregular form.	3
839	12ST	311	Carob	25	4	Codominant trunks @ 8'.	7
838	12ST	307	Carob	23	3	Codominant trunks @ 7'; basal cavity becomes trunk cavity on N.	8
837	12ST	303	Carob	29	2	Multiple attachments @ 5'; thin canopy; large trunk wounds on N.; foamy conk.	9
836	12ST	303	Carob	30	2	Laetiporus @ 7' on N. & S.; multiple attachments @ 6'; trunk wounds.	10
835	12ST	302	Carob	27	3	Multiple attachments @ 8'; heavy lateral limb over sidewalk; Ganoderma @ base on N.	9



Carob trees
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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
834	12ST	300	Carob	7	3	Codominant trunks @ 6' with included bark.	5
833	12ST	234	Carob	34	4	Multiple attachments @ 6'; thin canopy.	7
832	12ST	233	Carob	29	2	Huge cavity @ base on E.; codominant trunks @ 8' & 12'.	8
831	12ST	233	Carob	16	3	Multiple attachments @ 6'; large basal wound on NE.	8
830	12ST	230	Carob	12	5	Good tree.	3
829	12ST	229	Carob	11	3	Irregular form; thin canopy.	4
828	12ST	225	Carob	30	2	Multiple attachments @ 15'; old conk on pruning wound; extensive twig dieback; branch failure.	9
827	12ST	225	Carob	15	3	Multiple attachments @ 9'; Ganoderma @ base on N.	8
826	12ST	220	Carob	32	2	Codominant trunks @ 6' with decayed pruning wound in attachment; leans NW.; base outside dripline; branch failure.	11
825	12ST	219	Carob	30	3	Codominant trunks @ 5'; 1 stem horizontal to N.; multiple attachments @ 7'.	8
824	12ST	219	Carob	32	3	Multiple attachments @ 5'; stem over street with long wound; conks.	9
823	12ST	215	Carob	12	4	Codominant trunks @ 12'.	4
822	GEORGINA AVE	1130	Carob	5	5	Replacement; good young tree.	3
821	GEORGINA AVE	1130	Carob	9	4	Codominant trunks @ 5'; heavy lateral limb.	6
820	GEORGINA AVE	1208	Carob	13	3	Codominant trunks @ 6'; upright.	6
819	12ST	216	Carob	5	4	Codominant trunks @ 5'.	4



HORTSCIENCE TREE SURVEY

Carob trees
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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
818	12ST	216	Carob	15	2	Codominant trunks @ 8' & 9' with scaffold branch failure; 2 Ganoderma @ base.	9
817	21PL	422	Carob	26	4	Codominant trunks @ 16'; couldn't see base of trunk.	6
816	11ST	1137	Carob	34	2	Codominant trunks @ 6' & 8'; 8' both horizontal; extensive fruiting bodies all around lower trunk; decay @ both attachments.	11
815	11ST	1127	Carob	30	2	Codominant trunks @ 5'; 1 horizontal with dead area @ attachment; small Ganoderma @ base on E.; very thin canopy.	8
814	11ST	1123	Carob	30	4	Codominant trunks @ 13'; upright; branch failure.	7
813	11ST	1008	Carob	27	3	Codominant trunks @ 7'; 1 horizontal; Ganoderma @ base on SW.; numerous trunk wounds.	7
812	10ST	1144	Carob	16	3	Irregular form; buttress roots pruned.	6
811	10ST	1143	Carob	21	4	Very dense crown.	7
810	10ST	1140	Carob	20	3	Multiple attachments @ 8'; heavy lateral limb to SW.	6
809	10ST	1134	Carob	12	4	Leans SW.; codominant trunks @ 7'.	6
808	10ST	1133	Carob	15	3	Codominant trunks @ 7'; wide attachment; thin upper crown.	6
807	10ST	1128	Carob	6	0	All but dead.	7
806	10ST	1127	Carob	21	4	Multiple attachments @ 7'; heavy lateral limb to sidewalk.	7
805	10ST	1123	Carob	24	4	Corrected lean to SW.; dense crown.	6



Carob trees
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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
804	10ST	1122	Carob	12	3	Leans NE. with exposed roots; multiple attachments @ 8'.	8
803	10ST	1118	Carob	19	3	Large basal wound on W.; thinning.	7
802	10ST	1117	Carob	16	2	Bowed W.; Ganoderma @ base on N.; codominant trunks @ 7'.	9
801	10ST	1112	Carob	18	3	Multiple attachments @ 7'; Ganoderma @ base on N.	7
800	10ST	1111	Carob	12	2	Codominant trunks @ 7'; leans W.; thin upper crown.	8
799	10ST	1041	Carob	8	4	Codominant trunks @ 9'; couldn't see base of trunk; dense crown; leans W.	7
798	10ST	1038	Carob	14	3	Codominant trunks @ 7' & 8'; scaffold branch failure.	6
797	10ST	1032	Carob	15	3	Multiple attachments @ 8'; thin upper crown.	7
796	10ST	1033	Carob	10	4	Leans W.; dense crown.	7
795	10ST	1028	Carob	15	3	Multiple attachments @ 8'; heavy lateral limb to S.	6
794	10ST	1027	Carob	15	4	Multiple attachments @ 11'; high crown.	7
793	10ST	729	Carob	27	3	Ganoderma @ base on E.; codominant trunks @ 6' & 8'.	7
792	10ST	733	Carob	31	1	Extensive Laetiporus conk on trunk; one-sided to S.; thin canopy.	10
791	10ST	1022	Carob	26	1	Largely dead.	9
790	10ST	1020	Carob	15	4	Nice tree; very dense crown.	5
789	10ST	1017	Carob	16	3	Basal wounds; small crown.	6
788	10ST	1013	Carob	17	2	Huge cavity @ base on E.; nice dense canopy.	8



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
787	10ST	1012	Carob	14	2	Ganoderma @ base; twig dieback in upper crown.	8
786	10ST	1010	Carob	23	2	Thin upper crown; Ganoderma; multiple attachments @ base; codominant trunks @ 7'; bleeding on lower trunk.	9
785	10ST	1009	Carob	33	2	Thin upper crown; Ganoderma; multiple attachments @ base.on W. & S.; bleeding on trunk; leans S.	8
784	10ST	1004	Carob	14	4	Multiple attachments @ 6'.	6
783	10ST	960	Carob	16	4	Nice form with dense crown; old Laetiporus conk on pruning wound on NW; extensive surface roots, some wounded; can't see base.	6
782	10ST	960	Carob	13	3	Lean W.; no vigor; can't see base.	6
781	10ST	957	Carob	10	2	Nice form; but very thin canopy.	4
780	10ST	949	Carob	18	4	Codominant trunks @ 10'; displacing sidewalk; old Ganoderma multiple attachments @ base on E.	7
779	10ST	948	Carob	14	3	Codominant trunks @ 8'; one-sided to S.	7
778	10ST	942	Carob	13	2	Leans S.; surface roots; thin upper crown.	6
777	10ST	942	Carob	17	3	Multiple attachments @ 6'; extensive surface roots; some pruned; heavy lateral limb on NE.; one-sided to N.	8
776	10ST	941	Carob	11	3	Multiple attachments @ 7'; high crown.	5
775	10ST	938	Carob	7	4	Nice form; thin canopy.	3
774	10ST	937	Carob	17	3	Leans W. with dense crown; multiple attachments @ 7'.	7
773	10ST	931	Carob	17	4	Irregular form.	5



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
772	10ST	928	Carob	10	5	Multiple attachments @ 6'; nice.	5
771	10ST	924	Carob	9	2	Pathetic; decay @ base on S.	8
770	10ST	921	Carob	12	5	Multiple attachments @ 8'; nice.	5
769	10ST	921	Carob	7	3	Leans W.; no vigor.	8
768	10ST	918	Carob	16	3	Multiple attachments @ 7'; can't see base.	6
767	10ST	912	Carob	12	3	Codominant trunks @ 6'.	4
766	10ST	910	Carob	13	2	Failing @ base to S.; base outside dripline.	7
765	10ST	901	Carob	25	5	Multiple attachments @ 14'; nice tree.	7
764	10ST	901	Carob	13	2	Declining; long trunk wound on S.; leans SW.	8
763	10ST	855	Carob	16	4	Multiple attachments @ 8'; slight lean W.; nice canopy.	7
762	10ST	855	Carob	9	2	Declining; twig dieback.	4
761	10ST	854	Carob	26	3	Leans SE. to street; nice form.	8
760	10ST	847	Carob	13	3	Codominant trunks @ 8'; surface root wounded; leans NE.	6
759	10ST	841	Carob	11	3	Codominant trunks @ 10'; can't see base.	6
758	10ST	838	Carob	14	2	Ganoderma @ base on W.; codominant trunks @ 14'.	8
757	10ST	834	Carob	16	2	Very thin canopy; buttress roots wounded on S.	7
756	10ST	833	Carob	19	3	Heavy lateral limb to NW.; bleeding on lower trunk on N.	6
755	10ST	827	Carob	31	2	Declining; extensive twig dieback; buttress roots wounded.	9
754	10ST	827	Carob	28	1	Declining; Laetiporus on buttress root on W.; upper crown thin; numerous wounded buttress roots.	9



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
753	10ST	824	Carob	15	4	Leans W.; otherwise nice.	6
752	10ST	823	Carob	11	3	Leans W. with flat-top; poor branch structure.	6
751	10ST	820	Carob	16	5	Nice tree.	4
750	10ST	817	Carob	20	3	Multiple attachments @ 9'; thin in center.	6
749	10ST	815	Carob	15	3	Multiple attachments @ 7'; nice canopy.	7
748	10ST	814	Carob	18	2	Extensive twig dieback & wounding @ base.	9
747	10ST	717	Carob	20	2	Failing @ base to E.; wounded surface roots on W.; codominant trunks @ 6'; 1 stem bowed W.	9
746	10ST	633	Carob	11	4	Multiple attachments @ 8'; branch failure.	5
745	10ST	627	Carob	18	2	Poor form & structure due to poor pruning; big stubs.	6
744	10ST	621	Carob	21	3	Codominant trunks @ 5' with included bark; 1 stem bowed to sidewalk.	6
743	10ST	609	Carob	9	3	Leans E.; small Ganoderma; multiple attachments conk @ base on S.	6
742	10ST	558	Carob	41	3	Multiple attachments @ 8'; 3 large scaffolds; small Ganoderma; multiple attachments on lower trunk on S.; conk also @ attachment of scaffolds on N.; foliage small.	7
741	10ST	558	Carob	31	2	Long trunk wound on NE from scaffold branch failure; codominant trunks @ 8 with stub in attachment; very thin canopy.	10
740	10ST	557	Carob	14	2	Multiple attachments @ 6'; twig dieback; declining.	7
739	10ST	554	Carob	25	4	Flat form.	6
738	10ST	554	Carob	23	4	Multiple attachments @ 12'; nice tree.	7



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
737	10ST	550	Carob	27	4	Codominant trunks @ 12'; heavy scaffolds; small Ganoderma; multiple attachments @ base on E.; swing in tree.	5
736	10ST	547	Carob	11	2	Failing @ base to street; uplifted roots.	9
735	10ST	544	Carob	11	2	Extensive twig dieback; dying back.	8
734	10ST	543	Carob	10	4	Nice canopy.	3
733	10ST	538	Carob	14	2	Leans E. to street with decay @ base; swing.	8
732	10ST	537	Carob	16,15	1	Codominant trunks @ 4'; largely dead; just epicormic shoots.	7
731	10ST	528	Carob	38	3	Codominant trunks @ 7' & 10'; bleeding along lower trunk but sounded good; nice crown.	7
730	10ST	524	Carob	10	3	Codominant trunks @ 12'; small conk @ base on S.	6
729	10ST	518	Carob	9	1	All but dead.	8
728	10ST	454	Carob	8	4	Irregular crown; twisted trunk; can't see base.	4
727	10ST	453	Carob	8	2	Ganoderma conks @ base; slight lean SW.; rope swing on lateral.	6
726	10ST	447	Carob	20	4	Multiple attachments @ 7'; heavy lateral limb to S.; branch failure.	6
725	10ST	444	Carob	12	5	Multiple attachments @ 7'; slight lean S.	3
724	10ST	435	Carob	15	3	Nice form; but irregular bark throughout.	4
723	10ST	434	Carob	14	4	Good tree.	3
722	10ST	434	Carob	23	3	Multiple attachments @ 7'; heavy lateral limb to NE.; large basal wounds on NE; Ganoderma; multiple attachments on W.	8



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Carob trees
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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
721	10ST	428	Carob	14	3	Multiple attachments @ 8'; horizontal; branch failure on street side; basal cavity on E.	6
720	10ST	427	Carob	12	3	Multiple attachments @ 7'; high crown; sunburn on trunk.	5
719	10ST	424	Carob	15	1	Dying; leans S.	7
718	10ST	418	Carob	9	3	Multiple attachments @ 8'; slight lean S.	6
717	10ST	417	Carob	29	2	Partial failure to S.; decay @ base on N. & in lower trunk; multiple attachments @ 6'.	10
716	10ST	411	Carob	10	3	Multiple attachments @ 7'.	5
715	10ST	409	Carob	17	2		8
714	10ST	403	Carob	26	4	Multiple attachments @ 7'; surface roots wounded; high crown.	4
713	10ST	334	Carob	9	4	Good young tree; pruning wounds on trunk.	3
712	10ST	333	Carob	20	3	Codominant trunks @ 8'; 1 horizontal to N.; high crown; off-color; basal wounds but sound.	5
711	10ST	330	Carob	25	3	Codominant trunks @ 15'; sidewalk displaced; high crown; horizontal lateral on S. has swing attached;	7
710	10ST	330	Carob	20	3	High crown; codominant trunks @ 16'.	6
709	10ST	327	Carob	16	3	High thin crown.	6
708	10ST	324	Carob	34	2	Codominant trunks @ 7' & 8'; beginning to crack @ 6'; bleeding on lower trunk looks like Phytophthora; branch failure; one-sided to S.	9
707	10ST	322	Carob	23	3	Multiple attachments @ 6' with heavy lateral limbs; poor attachment on SE; one-sided to N.	7



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
706	10ST	322	Carob	15	2	Ganoderma lucidum @ base on W.; multiple attachments @ 6' with decay btwn.; thin canopy.	8
705	10ST	315	Carob	17	4	Leans S.; codominant trunks @ 9'; high crown.	4
704	10ST	315	Carob	18	2	Poor form & structure; leans SW.; long trunk wound on tension side; sounds decayed.	9
703	10ST	314	Carob	24	2	Decay conks @ base on S. & E., 3' on N.; codominant trunks @ 7'; thinning upper crown.	10
702	10ST	311	Carob	47	2	Extensive decay & conks @ base on E. & S.; trunk decayed; Ganoderma; multiple attachments @ 16';	11
701	09ST	405	Carob	26	3	Codominant trunks @ 5'; 1 vertical; 1 bowed N. but turns upright with internal crack; high crown.	9
--	MARGUERITA AVE	726	Carob	7	2	Pico side; outside fence	



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
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Trees on city survey that could not be located

16ST	230	Carob
10ST	314	Carob
12ST	318	Carob
LINCOLN BLVD	320	Carob
LINCOLN BLVD	320	Carob
10ST	324	Carob
12ST	333	Carob
15ST	337	Carob
12ST	348	Carob
12ST	353	Carob
10ST	402	Carob
09ST	405	Carob
12ST	407	Carob
10ST	408	Carob
10ST	412	Carob
10ST	417	Carob
LINCOLN BLVD	421	Carob
PALISADES AVE	423	Carob
LINCOLN BLVD	426	Carob
LINCOLN BLVD	427	Carob
10ST	437	Carob
LINCOLN BLVD	437	Carob
LINCOLN BLVD	443	Carob



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
	10ST	450	Carob				
	LINCOLN BLVD	457	Carob				
	10ST	501	Carob				
	10ST	502	Carob				
	PALISADES AVE	506	Carob				
	10ST	514	Carob				
	10ST	517	Carob				
	16ST	522	Carob				
	10ST	527	Carob				
	LINCOLN BLVD	549	Carob				
	LINCOLN BLVD	551	Carob				
	12ST	556	Carob				
	12ST	556	Carob				
	LINCOLN BLVD	557	Carob				
	LINCOLN BLVD	601	Carob				
	LINCOLN BLVD	601	Carob				
	15ST	624	Carob				
	LINCOLN BLVD	624	Carob				
	LINCOLN BLVD	628	Carob				
	15ST	630	Carob				
	17ST	634	Carob				
	15ST	707	Carob				
	LINCOLN BLVD	708	Carob				
	10ST	723	Carob				
	MARGUERITA AVE	725	Carob				



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
	MONTANA AVE	729	Carob				
	MARGUERITA AVE	811	Carob				
	10ST	848	Carob				
	15ST	852	Carob				
	14ST	911	Carob				
	10ST	928	Carob				
	GEORGINA AVE	935	Carob				
	10ST	951	Carob				
	GEORGINA AVE	1001	Carob				
	ALTA AVE	1010	Carob				
	OCEAN PARK BLVD	1102	Carob				
	11ST	1118	Carob				
	GEORGINA AVE	1130	Carob				
	GEORGINA AVE	1130	Carob				
	HILL ST	1201	Carob				
	GEORGINA AVE	1208	Carob				
	MARGUERITA AVE	1208	Carob				
	MARGUERITA AVE	1208	Carob				
	OCEAN PARK BLVD	1212	Carob				
	HILL ST	1221	Carob				
	HILL ST	1314	Carob				
	HILL ST	1318	Carob				



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
	OCEAN PARK BLVD	1326	Carob				
	HILL ST	1347	Carob				
	HILL ST	1351	Carob				
	WASHINGTON AVE	1411	Carob				
	HILL ST	1417	Carob				
	WASHINGTON AVE	1421	Carob				
	MONTANA AVE	1426	Carob				
	ALTA AVE	1528	Carob				
	HILL ST	1528	Carob				
	FRANKLIN ST	1638	Carob				
	FRANKLIN ST	1642	Carob				
	HILL ST	1648	Carob				
	HILL ST	1654	Carob				
	HILL ST	1654	Carob				
	MAIN ST	1685	Carob				
	MAIN ST	1685	Carob				
	MAIN ST	1685	Carob				
	MAIN ST	1685	Carob				
	MAIN ST	1685	Carob				
	MAIN ST	1685	Carob				
	MAIN ST	1685	Carob				
	PIER AVE	1701	Carob				
	WASHINGTON AVE	1704	Carob				
	WASHINGTON AVE	1710	Carob				



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TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
	HILL ST	1716	Carob				
	HILL ST	1717	Carob				
	WASHINGTON AVE	1724	Carob				
	FRANKLIN ST	1728	Carob				
	FRANKLIN ST	1731	Carob				
	FRANKLIN ST	1740	Carob				
	FRANKLIN ST	1747	Carob				
	FRANKLIN ST	1756	Carob				
	14ST	1847	Carob				
	MAIN ST	1855	Carob				
	PIER AVE	2004	Carob				
	HILL ST	2015	Carob				
	29ST	2272	Carob				
	29ST	2348	Carob				
	EUCLID ST	2460	Carob				
	29ST	2525	Carob				
	LINCOLN BLVD	2601	Carob				
	29ST	2603	Carob				
	29ST	2628	Carob				
	29ST	2639	Carob				
	17ST	2727	Carob				
	17ST	2727	Carob				
	17ST	2727	Carob				
	17ST	2727	Carob				
	11ST	2801	Carob				



HORTSCIENCE TREE SURVEY

Carob trees
 Santa Monica CA
 October 2007

TREE No.	STREET	ADDRESS	SPECIES	TRUNK DIAMETER (in.)	CONDITION 1=poor 5=excellent	COMMENTS	RISK RATING (3 to 12)
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				
	MONTANA AVE	801	Carob				