



**CITY OF CHICO
BIDWELL PARK AND PLAYGROUND COMMISSION (BPPC)
TREE COMMITTEE**

(Commissioners Craig, Herrera, Mikles, Chair)

April 11, 2012, 6:00 p.m.

Municipal Center - 421 Main Street, Conference Room 2

Materials related to an item on this Agenda are available for public inspection in the Park Division Office at 965 Fir Street during normal business hours or online at <http://www.chico.ca.us/>.

1. CALL TO ORDER

- 2. REGULAR AGENDA** - All items listed under the Regular Agenda are in the order which is believed are of interest to the public or which require Committee action at this meeting. The items will be considered in the order listed unless the Committee members request a change. Any person may speak on items on the Regular Agenda.

2.1. DISCUSSION OF CONCEPTS FOR AN URBAN FOREST MANAGEMENT PLAN

At it's meeting of 3/14/12, the Tree Committee continued discussion and development of an Urban Forest Management Plan, completing review of the Definition of Chico's Urban Forest and developed a Visions statement. Staff will present information on the current state of the Urban Forest to provide a background for analyzing goals of the Urban Forest Management Plan and developing a Mission Statement for the plan.

3. BUSINESS FROM THE FLOOR

Members of the public may address the Committee at this time on any matter not already listed on the agenda; comments are limited to three minutes. The Committee cannot take any action at this meeting on requests made under this section of the agenda.

4. ADJOURN

Adjourn to the next regular meeting tentatively scheduled for 5/9/12 at 6:00 p.m. in Conference Room 2, Chico Municipal Center building (421 Main Street, Chico, California).

Distribution: BPPC



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BPPC Tree Committee Report Item 2.1

Meeting Date: 4/11/12

DATE: April 5, 2012
TO: TREE COMMITTEE (Commissioners Craig, Herrera, Mikles, Chair)
FROM: DENICE F. BRITTON, URBAN FOREST MANAGER, 896-7802
RE: CONTINUED DISCUSSION OF THE URBAN FOREST MANAGEMENT PLAN

BACKGROUND:

At its meeting of 9/20/11, the City Council adopted the 2011-12 BPPC Work Plan, which identified the establishment of goals for an Urban Forest Management Plan as one of the priorities of the Commission. The Tree Committee began working on the goals at its meeting of 1/11/12. This meeting will continue that discussion.

The Tree committee has completed work on the Management Plan, through developing a definition of Chico's Urban Forest and establishing a Vision Statement. Prior to developing a Mission Statement, the Urban Forest Manager suggested that the Committee take a look at data from the tree inventory and last year's Annual Report.

Attached is also a sheet from the Urban Forest Management Plan Toolkit that discusses the Management Planning Process.

DISCUSSION:

1. The attached information was garnered from the database associated with the GIS inventory of street trees within the City. The inventory is a dynamic source of information, because each day as tree work is completed and as new requests for work are received and analyzed, the population of trees may change. Also, not all of the street trees have been re-inventoried and placed in the correct location on the GIS map. Likewise, trees in some of the neighborhoods that have not been re-inventoried may be in the database, but do not have current information associated with them. Depending on how these trees are treated in the analysis, there may be slightly differing numbers each time the database is queried.

With that said, a series of tables and charts with information about the City's street trees are included for review. Likewise, the summary of work hours for the street tree crew from 2011 is included from the Annual report. This will help answer the question of what we have from a tree resource and management perspective.

Goals for May Meeting Meeting:

1. Establish goals and Develop a Mission statement.

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City Municipal Code sections that pertain to trees can be found on the Street Trees Division web site: http://www.ci.chico.ca.us/general_services_department/park_division/street_trees/

ATTACHMENTS

1. 3/14/12 Tree Committee Summary Report
2. Urban Forest Mgmt. Plan Toolkit
3. Street Tree Data

DISTRIBUTION:

Tree-Finance Committee of BPPC
General Services Director
Street Tree Field Supervisor



BPPC Tree Committee Summary Report

Meeting Date: 3/14/12

DATE: March 19, 2012
TO: BIDWELL PARK AND PLAYGROUND COMMISSION
FROM: DENICE F. BRITTON, URBAN FOREST MANAGER, 896-7802
RE: CONTINUED DISCUSSION OF THE URBAN FOREST MANAGEMENT PLAN

1. **CALL TO ORDER:** Chair Mikles called the meeting to order at 6:02 PM

ATTENDEES: Commissioners Present: Chair Mikles, Craig and Herrera.
Public Present: Roger Cole, Susan Mason, Robin McCollum, Ted Schwartz, Karen Laslo, Adrienne Edwards, Kristina Schierenbeck, Woody Elliot

2. AGENDA:

2.1 DISCUSSION OF CONCEPTS FOR AN URBAN FOREST MANAGEMENT PLAN

At it's meeting of 2/8/12, the Tree Committee continued discussion and development of an Urban Forest Management Plan. This meeting will continue that discussion with the following specific items to be included:

- a. Using the format and web site toolkit from the CaUFC for the Plan
- b. Definition of an Urban Forest
- c. Draft Vision Statement

DISCUSSION:

1. Staff discussed that for now only authorized team members can review the plan. The Committee suggested that the plan be put in PDF format and posted on the web site, with upgrades each month. Staff will have this completed before the monthly BPPC meeting.

2. Staff submitted a definition of the Chico's Urban Forest for review.

The final wording discussion and agreed to at the meeting is as follows:

"Chico's Urban Forest is made up of trees and related vegetation within the City's parks, along the streets and creeks, and within private property. The urban forest provides an essential character to the City that includes aesthetic values, functional benefits and ecosystem services to its citizens both individually and as a whole. The elements of the urban forest exist throughout the community, although their care is under several jurisdictions, including both private and governmental entities."

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Urban Forest Management Plan Toolkit

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HOME > Management Planning Process

What do you have?

What do you want?

How do you get what you want?

Are you getting what you want?

Comments

Lise S. Mar 05, 2012

Signing up was easy - this is a great way to get started.

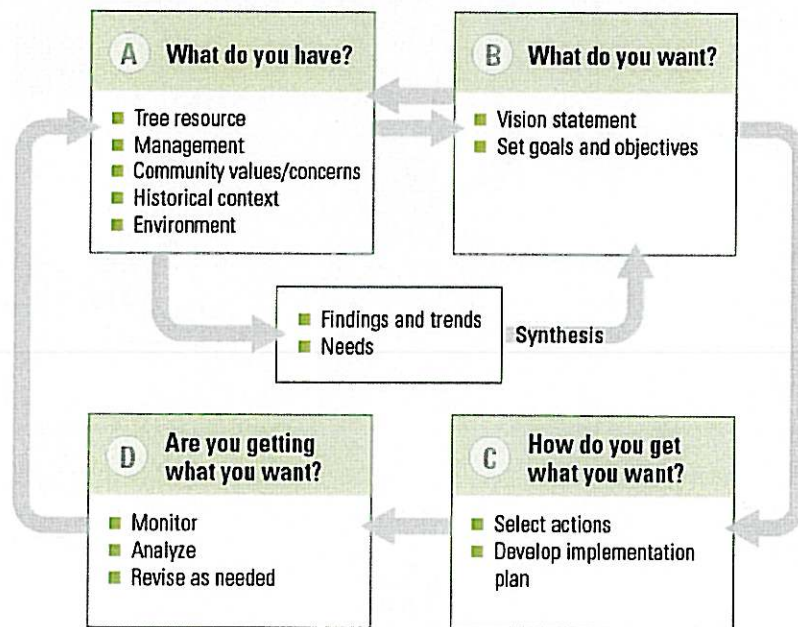
[1] Read all

Leave comment

Management Planning Process



The overall management planning process used in this web site follows the model illustrated below. This process is referred to as adaptive management. It is commonly used for management planning and resource management (Miller 1988). This model provides a good conceptual framework for the process of developing a management plan. You can also use other variations of this general framework.



Although the steps shown above are represented as a continuous cycle, it is common to go back and forth between the first three steps when developing a plan. Steps A and B are closely related. You may need to revisit these steps several times before proceeding further.

For example, you may know that increased canopy cover is desirable before you assess it. However, to set a quantifiable goal (how much more canopy?), it will be necessary to determine how much canopy is present. Findings from step A may also raise new questions that may require additional assessments. In progressing from step B to C, it may become obvious that the funding or organizational structure for accomplishing various goals are lacking. It may be necessary to backtrack and develop goals related to developing a funding base or public support.

After the management plan is in place, it is important to evaluate how it is working (Step D). Monitoring procedures should be specified in the plan. This brings the process to a full cycle. This cycling allows the plan to adapt to changing conditions.

Street Tree Maintenance Hours

2011

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	TOTALS
assistance, DPW	0	0	0	0	0	0	0	6	17	0	89	152	264
assistance, Police & Fire	0	0	0	0	0	0	0	4	0	0	0	0	4
brush chipping & clean up	2	2	4	0	6	0	0	6	2	3	0	4	29
call out clean up	0	0	0	22	0	12	25	36	15	0	0	0	110
camp clean up	0	0	0	8	8	0	8	0	0	0	0	0	24
Christmas tree & menorah	74	0	0	0	0	0	0	0	0	0	96	7	177
clearing, street light	0	0	6	26	5	0	0	0	0	0	0	0	37
DCBA pruning	0	0	0	0	0	69	158	103	4	0	0	0	334
down limbs and hangers	2	48	13	15	45	60	102	135	89	80	43	24	656
Downtown Plaza	69	0	0	0	0	0	0	0	0	0	0	2	71
elevating, DPW sweeper	0	0	0	0	0	0	0	0	0	0	0	0	0
elevating, leaf pick up	0	0	0	0	0	0	0	0	0	0	0	0	0
elevating, routine	98	94	0	0	5	7	0	0	0	0	0	0	204
equipment maintenance	44	66	48	59	58	56	18	54	63	48	34	38	586
grates and cages	0	0	10	5	6	0	16	2	0	4	0	0	43
irrigation	0	0	0	8	132	124	93	143	134	32	0	0	666
leave, time off	105	90	72	179	153	98	151	44	79	98	70	80	1219
planting	0	0	2	29	0	0	0	0	0	0	0	0	31
prep time & DOT inspection	78	70	97	71	97	92	69	103	83	68	58	55	941
pruning, ADA	0	2	0	0	0	0	0	0	0	0	0	0	2
pruning, formative	231	244	121	0	0	0	0	0	0	14	0	0	610
pruning, Park	0	37	16	131	0	10	0	0	0	0	0	0	194
pruning, Traffic Safety	3	0	0	0	71	8	6	0	0	24	0	0	112
removals, priority	0	0	16	0	14	0	31	0	0	0	20	0	81
safety meetings	25	22	9	6	12	9	8	10	8	8	2	4	123
school zones	0	0	0	0	0	113	0	167	0	10	0	0	290
service requests	40	11	245	219	330	171	78	72	321	273	225	348	2333
storm damage clean up	0	0	241	4	40	26	0	0	0	0	18	0	329
training	30	25	24	27	32	44	8	58	18	55	24	0	345
trimming, priority	0	0	0	0	0	0	0	0	0	0	0	7	7

City of Chico Urban Forest Species Composition

<u>Genus</u>	<u>Species</u>	<u>Common Name</u>	<u>Count</u>	<u>Ranking</u>	<u>% of Population</u>	<u>% of Top Five</u>
<i>Pistachia</i>	<i>chinensis</i>	Chinese Pistache	2241	1	7%	29%
<i>Lagerstroemia</i>	<i>indica</i>	Crepe myrtle	1558	2	5%	20%
<i>Juglans</i>	<i>hindsii</i>	Black Walnut	1503	3	4%	20%
<i>Platanus</i>	<i>acerifolia</i>	London Plantetree	1321	4	4%	17%
<i>Quercus</i>	<i>lobata</i>	Valley oak	1032	5	3%	13%
Top 5 Species			Sub-Total			100%
			7655			
<i>Celtis</i>	<i>chinensis</i>	Chinese hackberry	832	6	2%	
<i>Zelkova</i>	<i>serrata</i>	Japanese Zelkova	813	7	2%	
<i>Liquidambar</i>	<i>styraciflua</i>	Sweetgum	720	8	2%	
<i>Platanus</i>	<i>acerifolia</i>	Yarwood Sycamore	621	9	2%	
<i>Fraxinus</i>	<i>velutina</i>	Arizona ash	600	10	2%	
			Sub-Total			
			3586			
<i>Acer</i>	<i>truncatum x plantaoides</i>	Pacific Sunset Maple	594	11	2%	
<i>Alnus</i>	<i>rhombofolia</i>	Califronia White alder	586	12	2%	
<i>Sequoia</i>	<i>sempervirens</i>	Coast Redwood	586	13	2%	
<i>Quercus</i>	<i>shumardii</i>	Shumard Oak	553	14	2%	
<i>Acer</i>	<i>saccharinum</i>	Silver maple	546	15	2%	
<i>Betula</i>	<i>pendula</i>	European birch	523	16	2%	
<i>Quercus</i>	<i>palustris</i>	Pin Oak	514	17	2%	
<i>Cinnamomum</i>	<i>camphora</i>	Camphor	492	18	1%	
<i>Nyssa</i>	<i>sylvatica</i>	Blackgum	484	19	1%	
<i>Fraxinus</i>	<i>oxycarpa</i>	Raywood ash	446	20	1%	
			Sub-Total			
			5324			
Total Species		140 Sub-Total, Top 20 species	16565			48%
Total Genus		92 Other Species	14066			
			Planting Site Medium		501	1%
			Planting Site Small		1992	6%
			Planting Site Large		798	2%
			Not specified		255	
					3546	
			Total - All Sites		34177	
Top Genus Count:						
Maple		13%	4500			
Oak		10%	3552			
Sycamore		7%	2537			
Pistache		7%	2371			
Walnut		6%	2020			
Ash		3%	1143			
Other		42%	14508			
Planting Sites		<u>10%</u>	3546			
Total						
Trees/Sites		100%	34177			

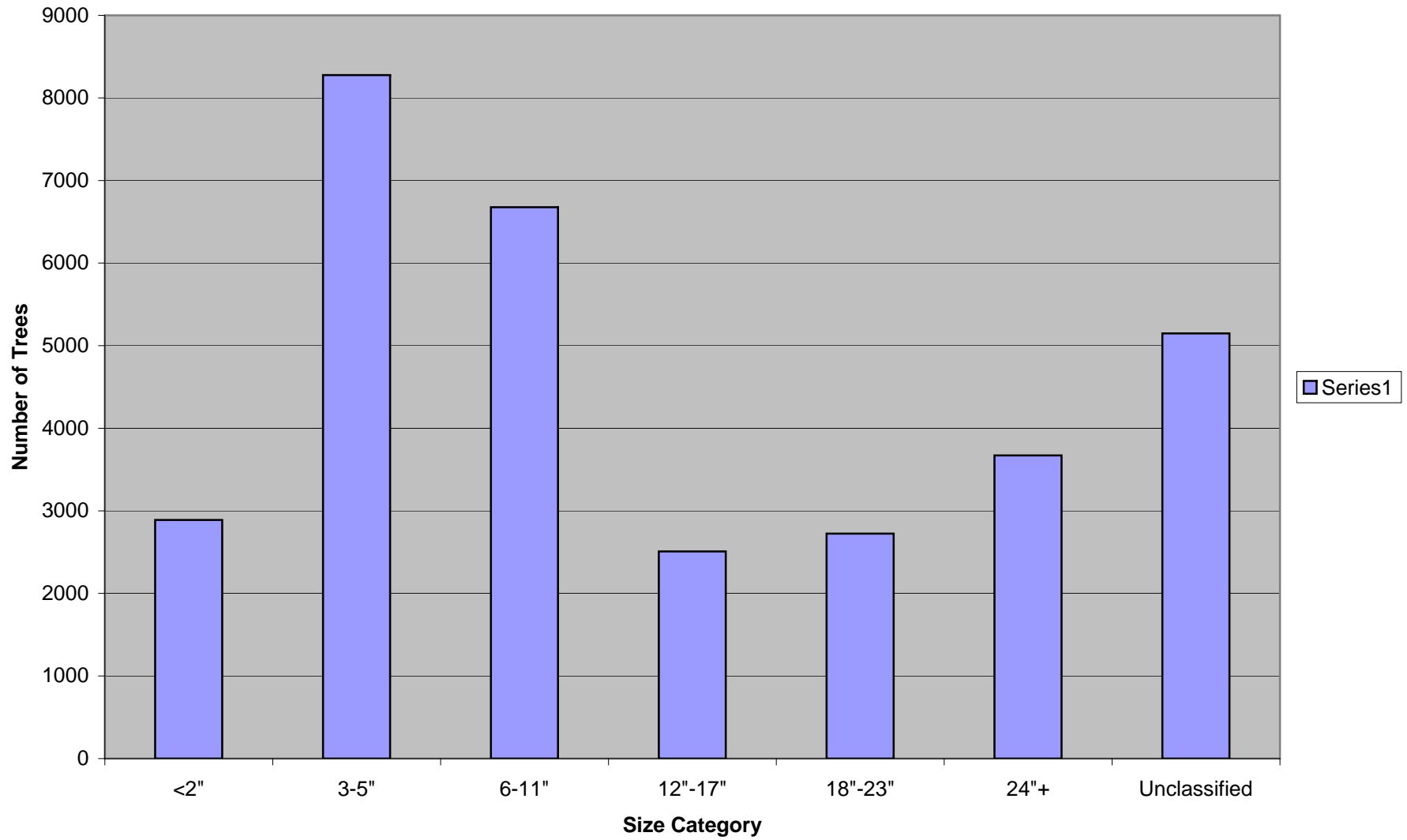
CITY OF CHICO

Street Tree Population Information

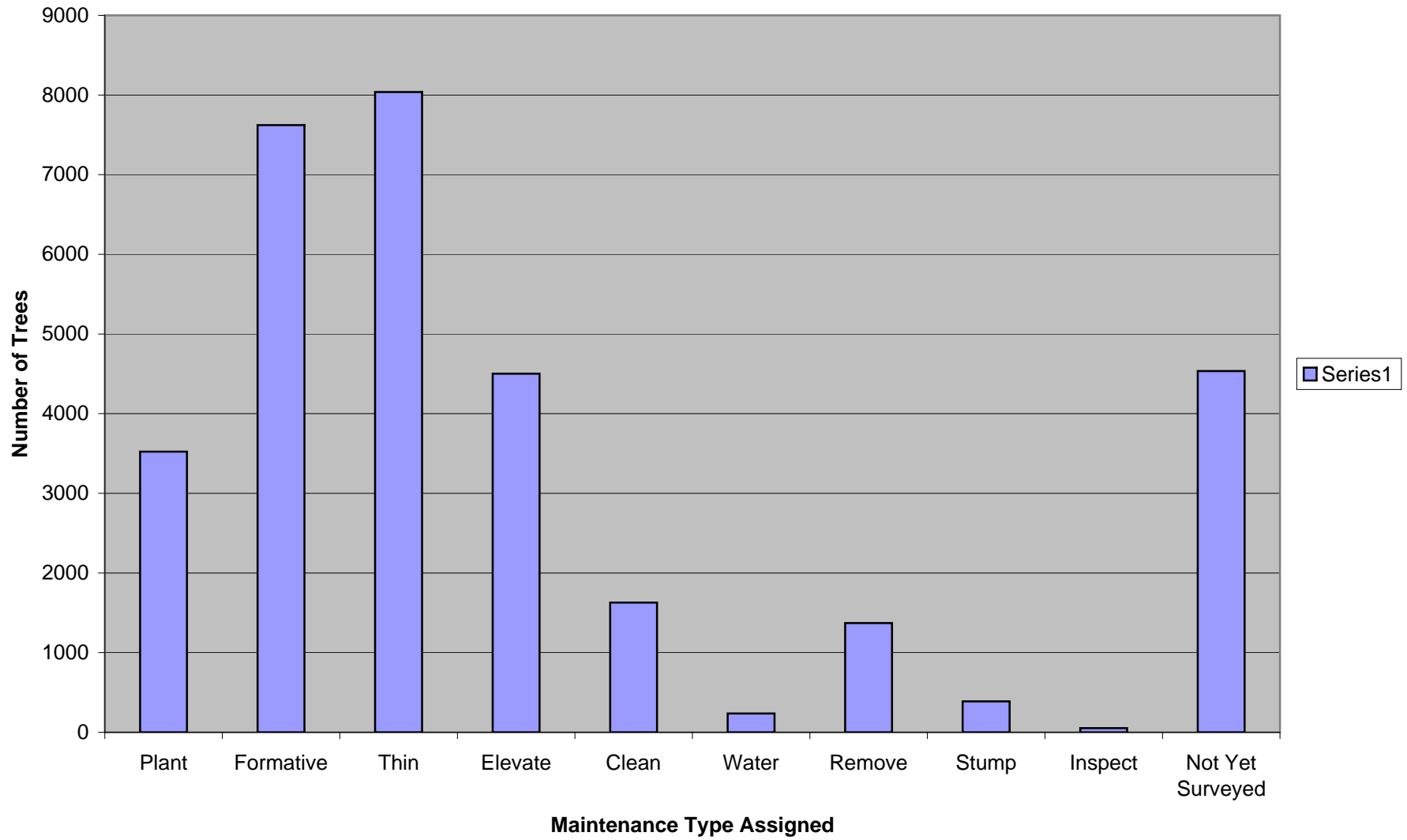
Maintenance		Tree Health		Work Zones	Number of Trees
Plant	3524	Excellent	1896	1 South Chico	6822
Formative	7622	Good	4094	2 California Pa	2690
Thin	8038	Fair	10095	3 North Bidwel	1339
Elevate	4501	Poor	1560	4 NorthEast Cl	4776
Clean	1628	Dying	325	5 Avenues	6699
Water	236	Dead	187	6 Downtown	4489
Remove	1372			7 NorthWest C	5081
Stump	388		18157		
Inspect	52				
Not Yet Surveyed	4535				
Total	31896				

Work Zones	Number of Trees in Each Size Category							Unclassified	Total
	<2"	3-5"	6-11"	12"-17"	18"-23"	24"+			
1 South Chico	567	1518	1652	877	487	590	1131	6822	
2 California Park	267	1056	563	63	114	182	445	2690	
3 North Bidwell	114	188	335	124	114	106	358	1339	
4 NorthEast Chico	974	1353	1156	284	158	79	772	4776	
5 Avenues	472	1486	1074	353	975	1386	953	6699	
6 Downtown	263	531	997	615	531	949	603	4489	
7 NorthWest Chico	233	2145	899	193	345	379	887	5081	
All trees	2890	8277	6676	2509	2724	3671	5149	31896	

Street Tree Population by Size



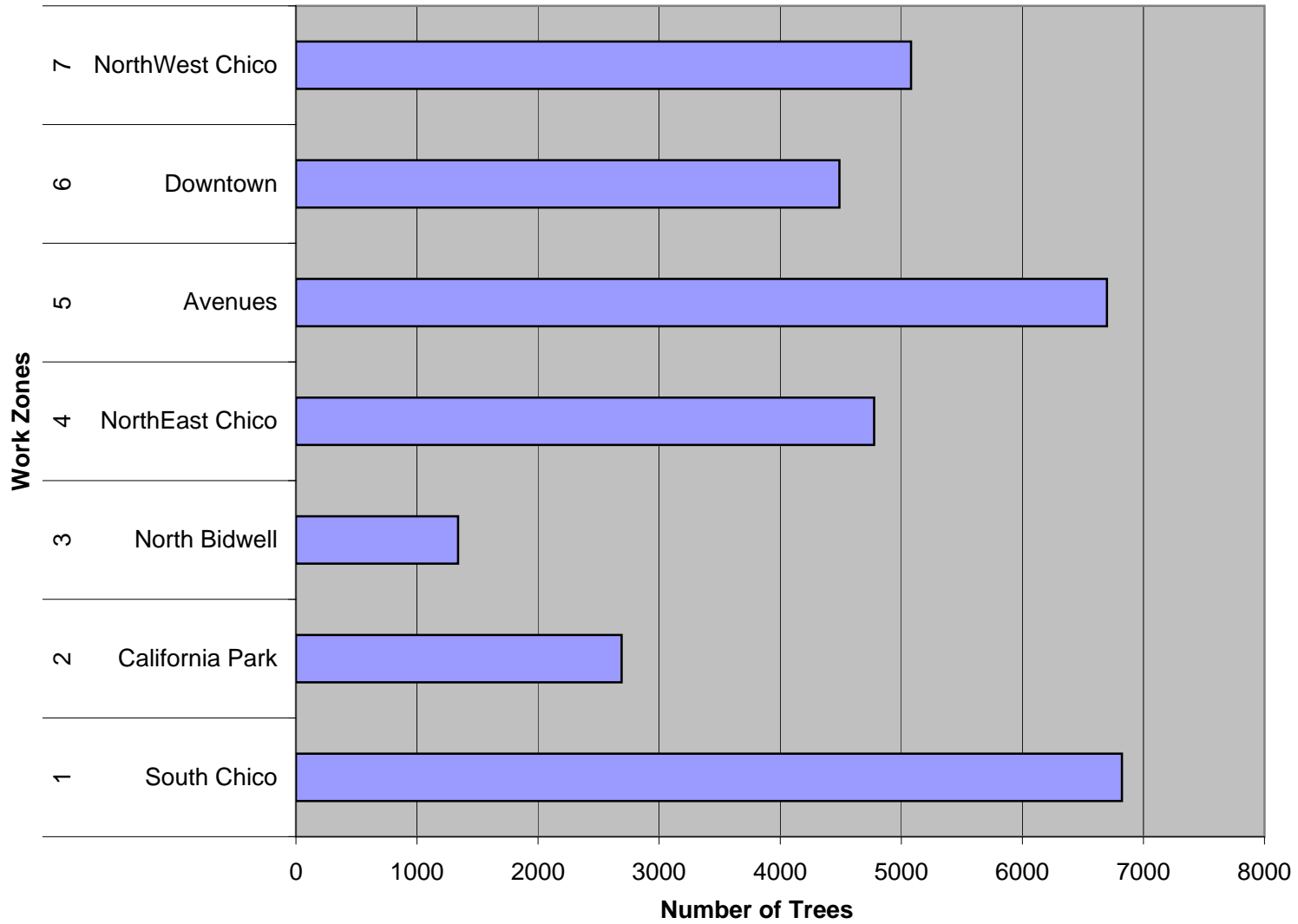
Maintenance Needs



Tree Vigor Ratings



Number of Trees In Work Zones



Number of Trees by Size in Work Zones

