VERO BEACH TREE AND BEAUTIFICATION
COMMISSION MEETING
May 16, 2019 – 9:00 a.m.
Council Chambers, City Hall, Vero Beach, Florida

AGENDA

1. CALL TO ORDER

2. APPROVAL OF MINUTES
   A) April 18, 2019

3. PUBLIC COMMENT

4. NEW BUSINESS
   A) Updated Dedicatory Tree Specification List – Ms. Nanette Haynes, Grounds
      Maintenance Manager
   B) Discussion on Beautification Weekend – February 8th – 9th, 2020
   C) Founder’s Day Tree Dedication Program – May 26, 2019
   D) Champion Tree / Palm Award Program

5. OLD BUSINESS
   A) Discussion of the Arbor Day Foundation Community Canopy Program and/or
      Collaborating with the Audubon Society on a Tree Giveaway Program
   B) Final Wording of the Dedicatory Bench Plaque at the Centennial Tree Location
      and Select a Dedication Date
   C) Recap of the Arbor Day Tree Planting
   D) Discuss Possible Participation in the Centennial Parade – October 26, 2019

6. TREASURY REPORT

7. CHAIRMAN’S MATTERS
   A) Update on the 100th Anniversary Events

8. MEMBER’S MATTERS

9. NEXT MEETING DATE
   A) Next Meeting Date – June 20, 2019

10. ADJOURNMENT

This is a Public Meeting. Should any interested party seek to appeal any decision made by the
Commission with respect to any matter considered at such meeting or hearing, they will need a record
of the proceedings and that, for such purpose, they may need to ensure that a verbatim record of the
proceedings is made, which record includes the testimony and evidence upon which the appeal is to be
based. Anyone who needs a special accommodation for this meeting may contact the Americans with
Disabilities Act (ADA) Coordinator at 978-4920 at least 48 hours in advance of the meeting.
VERO BEACH TREE AND BEAUTIFICATION
COMMISSION MINUTES
April 18, 2019 – 9:00 a.m.
Training Room, Second Floor, City Hall, Vero Beach, Florida

PRESENT: Chairman, Marilyn Black Dussault; Vice Chairman, Cynthia Schwarz; Members: Fran Robinson, Neal Roe, and Katherine Booth Also Present: Senior Administrative Assistant, Rita Hawkins

1. CALL TO ORDER

Chairman Dussault called today’s meeting to order at 9:00 a.m. and the Senior Administrative Assistant performed the roll call.

2. APPROVAL OF MINUTES

A) March 21, 2019

Ms. Schwarz made a motion to approve the minutes of the March 21, 2019 Tree and Beautification Commission meeting. Mrs. Robinson seconded the motion and it passed unanimously.

3. PUBLIC COMMENT

None

4. NEW BUSINESS

A) Updated Dedicatory Tree Specification List – Ms. Nanette Haynes, Grounds Maintenance Manager

This item was not discussed and it will be added to next month’s agenda.

5. OLD BUSINESS

A) Discussion of the Arbor Day Foundation - Community Canopy Program Information and Agreement

Mrs. Dussault stated that they each received the Community Canopy Program information page and agreement and she hopes that they all had a chance to look them over.

Ms. Schwarz said that she received a reply from her contact person with the Arbor Day Foundation Community Canopy Program and she confirmed that if they go with this program they would receive locally grown trees that are native to this area. Mrs. Dussault said it is important that they receive trees indigenous to this area.

The Commission continued by discussing the possibility of going with the Community Canopy program, collaborating with the Audubon Society on their original tree giveaway program, or the possibility of supporting both of them.
Mrs. Robinson said a concern she has with the Community Canopy program is the possibility of someone requesting a tree and then they go out of town for a couple of weeks, then when they return there is a dead tree sitting at their front door.

Mrs. Dussault stated that what she likes about the Arbor Day Community Canopy Program is that it might help enhance their position and status with the Tree City USA designation. She said if they have time today they can come back to this item, or it will be placed on the agenda for their next meeting.

B) Final Wording of the Dedication Bench Plaque at the Centennial Tree Location

Mrs. Dussault asked if anyone had any suggested changes to the wording of the bench plaque that was proposed at last month’s meeting.

Mrs. Booth asked if they are charged by the letter or word. Mrs. Dussault replied that she does not know and that would be a question for Ms. Haynes. Mrs. Booth suggested changing the wording from “all the men and women” to “all those” who have served on the Tree and Beautification Commission. Mrs. Dussault said that would be fine.

Mrs. Robinson asked if they should include the year that the Tree Commission was established, since a lot people do not know much about this Commission. Mrs. Dussault said that is a good suggestion and she will research that. She said they can add the year, have the final wording ready for their next meeting, and then get a price quote from Ms. Haynes.

C) Arbor Day Tree Planting and Arbor Day Proclamation

Mrs. Dussault asked if there has been a time confirmed for the Arbor Day Tree planting on April 26, 2019 at MacWilliam Park. The Senior Administrative Assistant reported that Beachland Elementary School confirmed with her this morning that the first grade classes will be attending and they chose to be there at 9:30 a.m. Mrs. Dussault explained what will take place at the Arbor Day Tree planting for the benefit of the new Tree and Beautification Commission member who have not attended this event before. She said if no one wishes to speak then they usually ask the children questions, because it is a wonderful way to interact with them.

Mrs. Dussault stated that they each received a copy of the Arbor Day Proclamation (on file in the City Clerk’s office). She explained that a Proclamation is issued every year and is one (1) of their requirements to maintain their Tree City USA status.

6. TREASURY REPORT

Mrs. Dussault reported that the Tree Replacement/Mitigation Fund has a balance of $63,679.57 and the Tree Planting Application Fund had a balance of $869.21.

7. CHAIRMAN’S MATTERS

A) Update on the 100th Anniversary Events
Mrs. Dussault stated they could have their bench dedication in October, so that it is part of the finale of the Centennial Celebration. She explained that the Centennial finale is on October 26, 2019 and it will start with a parade. Mr. Roe said that he went to the STEAM program that was at the Intergenerational Center and it was amazing. Since children love stuff about trees, he was thinking they could give a group of children the opportunity to put something together and then they could put it in the parade. Mrs. Dussault said if their Commission wants to be involved with the parade she will gladly sign them up. Ms. Schwarz stated that Dr. Richard Baker, Audubon Society, has many trees that need to be planted, so maybe he would be willing to provide some trees for children to have in the parade and then they can take them home to plant. Mr. Roe asked to discuss this again at their next meeting, so they can give it some thought.

Mrs. Dussault explained that after the parade, there will be a festival along 14th Avenue with food vendors, music, dancing, etc., and she already reserved a table at the Heritage Center where they can have information available about the Tree and Beautification Commission. She said that they will probably want to have the bench dedication another day, because the finale will be a very busy day.

B) Founders Day Tree Dedication Program

Mrs. Dussault reported that the Tree and Beautification’s Tree Dedication Event will take place at 1:30 p.m. on Founder’s Day, which is Sunday, May 26, 2019. She said that she prepared a draft program for the Commission members to review (on file in the City Clerk’s office). She said that she would like each of the Tree and Beautification Commission members to say a few words about the Commission, or why they serve on the Board, or what the Commission does. She included her short speech in this draft, but it will not be included in the final program. She wanted the Commission members to have an idea of what she is proposing to say, so they could think about their subject. Mrs. Dussault read the program aloud and asked for any suggestions or changes.

Mrs. Dussault stated that following the Tree Dedication program there is a family fun day taking place at Riverside Park from 2:00 p.m. to 4:00 p.m. There will be at least 30 faith and religious organizations participating and each of them will have tables set up. There will be bounce houses, face painting, games, music, choirs, food vendors, etc.

Mrs. Booth suggested adding the word “beautiful” before the word tree in the first sentence of the dedication recital. Mrs. Robinson said that perhaps they should include what type of tree it is. Mrs. Dussault stated that she will add, “beautiful Live Oak Tree”. Ms. Schwarz said she would recommend the sentence to read, “We dedicate this beautiful Live Oak Tree to in honor of those who planted their roots here…” Mrs. Dussault said that she would note these changes.

Mrs. Dussault explained that she submitted three (3) emails to the Senior Administrative Assistant and asked her to forward them to the Commission members. They contained links to the Florida Tree City USA Urban Forestry Program, the list of the Tree City USA communities, and a slide show about the beautiful work that the Garden Club did to reestablish the Elm Trees in New Haven, Connecticut.

8. MEMBER’S MATTERS
Mr. Roe said going back to their tree dedication on May 26, 2019, where are the other festivities taking place that day. Mrs. Dussault explained that the other events will be in Riverside Park and near the Riverside Theatre. The Tree Dedication Ceremony will be publicized and she assumes invitations will be sent out to the other Commission and Boards, so everyone is welcome to attend. After the dedication, people can walk right over to Riverside Park for the rest of the festivities. She said she will check with the City Clerk to see how their event will be advertised to the public. Mrs. Dussault said that when they have the program finalized she will personally get it distributed everywhere she can. The Commission members mentioned other places to advertise, which included, the Indian River Neighborhood Association, the Garden Club, Lemon Lines, Landscape Architects, Cultural Council, and the Audubon Society. Mr. Roe said that he will contact Mr. Russ Lemon, Lemon Lines, about setting up an interview about this event. The Commission members were reminded that they will need to copy the Senior Administrative Assistant if they send out emails regarding their events.

Mrs. Robinson said when she was at the Garden Club she noticed an award they received for their Ponytail Palm Tree in front of their building. She said this award was issued by the Tree and Beautification Commission in 2008, so she knows they have recognized one (1) place. Mrs. Dussault replied that she was not aware of this award. The Senior Administrative Assistant said that she will provide the Commission members with the information on the Champion Tree Award Program.

Mrs. Booth said that since the City Ordinance changed to where they can install irrigation she thought that they could revisit Mr. Runge’s idea about planting a tree in the triangle on Atlantic Boulevard and San Juan Avenue. She said she understands that there are going to be some meetings on the Power Plant, Sewer Plant, and the old Postal Annex properties, so that the citizens can say what they would like to see there. She was told that these properties would probably have a mixed use to try to accommodate everybody’s desires. She thought that perhaps they should look at these parcels to see if they could save or preserve any of the trees when the properties are redeveloped. Mrs. Dussault replied that she tries to follow the City Council meetings because that is where they will learn what is really happening with development. If these City parcels are leased to private enterprises then the Tree and Beautification Commission’s role might be to look at what is there and if there is anything that should be preserved. The Commission will not have any say on who the property is leased to, but they can emphasize on what is going to be removed.

The Commission members discussed several properties in the City and the County that have recently been developed, or are being developed. They talked about how or if they could obtain information about upcoming properties that are being developed or redeveloped, so they could have some input. They also discussed how to address the issue of relocating trees without overstepping the property owner’s rights.

Ms. Schwarz asked Mrs. Booth if she was all set to give her presentation at the Library on May 16, 2019. Mrs. Booth replied yes. Ms. Schwarz stated that she still has two (2) Mango Trees left from the first Library informational session that she did and she will see if Dr. Baker can donate a few more for the May lecture. She asked to have the Library meeting listed on the City’s website to help advertise it.

Ms. Schwarz commented that they should think about programs for children. Mrs. Dussault said she agrees that they need to see if they can get involved with the schools, especially since the
County does not have a Tree Commission. Mrs. Robinson said that Vero Beach Elementary school has a program with a wonderful teacher that teaches them all kinds of stuff in the garden. She said the object is to start them early, so that maybe some of the children will develop an ongoing interest in plants and trees.

9. NEXT MEETING DATE

A) Next Meeting Date – May 16, 2019

The next meeting of the Tree and Beautification Commission is scheduled for May 16, 2019.

10. ADJOURNMENT

Mr. Roe made a motion to adjourn today's meeting at 10:46 a.m. Mrs. Robinson seconded the motion and it passed unanimously.

/rh
Hi,

I replaced a couple of the trees on the Dedicatory Tree list for discussion....

Nanette Haynes
Grounds Maintenance Manager
City of Vero Beach, Public Works
3405 Airport West Drive
Vero Beach, FL 32960
772-978-4860 Office
772-978-4859 Fax
nhaynes@covb.org Email
<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Height &amp; Longevity</th>
<th>Drought And Salt Tolerance</th>
<th>Wildlife Benefit</th>
<th>Flower Color/ Evergreen or Deciduous?</th>
<th>Availability, Approx. Cost And Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Quercus virginiana*</td>
<td>Live Oak</td>
<td>40'-80' 150+ years</td>
<td>High; High</td>
<td>Food for birds, small mammals</td>
<td>N/A; Semi-Deciduous</td>
<td>Good, $650 15' tall, 4&quot; dia</td>
</tr>
<tr>
<td>Magnolia grandiflora*</td>
<td>Southern Magnolia</td>
<td>30'-50' 50-80 years</td>
<td>Moderate; Low</td>
<td>Nectar for insects</td>
<td>White; varied Evergreen</td>
<td>Good, $800 14' tall, 4&quot; dia</td>
</tr>
<tr>
<td>Celtophorum dubium</td>
<td>Copper Pod</td>
<td>50'-80' 30-50 years</td>
<td>High; Moderate</td>
<td>Butterfly nectar</td>
<td>Yellow; Deciduous</td>
<td>Good, $550 15' tall, 3&quot; dia</td>
</tr>
<tr>
<td>Tipuana tipu</td>
<td>Pride of Bolivia</td>
<td>30'-40' 30-50 years</td>
<td>Moderate; Low</td>
<td>Nectar for insects</td>
<td>Yellow; Evergreen</td>
<td>Good, $550 14' tall, 3&quot; dia</td>
</tr>
<tr>
<td>Callistemon viminalis</td>
<td>Bottlebrush</td>
<td>20'-25' 70-100 years</td>
<td>Moderate; Moderate</td>
<td>Nectar for birds</td>
<td>Red; Evergreen</td>
<td>Good, $300 12' tall, 4&quot; dia</td>
</tr>
<tr>
<td>Callistemon rigidus</td>
<td>Erect Bottlebrush</td>
<td>20'-25' 70-100 years</td>
<td>Moderate; Moderate</td>
<td>Nectar for birds</td>
<td>Red; Evergreen</td>
<td>Good, $300 12' tall, 3&quot; dia</td>
</tr>
<tr>
<td>Prunus caroliniana*</td>
<td>Carolina Cherrylaurel</td>
<td>30'-40' 20-30 years</td>
<td>High; High</td>
<td>Food for birds</td>
<td>White; Evergreen</td>
<td>Low, $300 12' tall, 2&quot; dia</td>
</tr>
<tr>
<td>Sideroxylon foetidissium*</td>
<td>Mastic Tree</td>
<td>50'-80' 30-50 years</td>
<td>High; High</td>
<td>Bee nectar; bird food</td>
<td>Small yellow; Evergreen</td>
<td>Low, $500 12' tall, 3&quot; dia</td>
</tr>
<tr>
<td>Bauhinia purpurea</td>
<td>Purple Orchid Tree</td>
<td>30'-40' 30-40 years</td>
<td>High; Moderate</td>
<td>Bird and insect nectar</td>
<td>Purple; Semi-Deciduous</td>
<td>Good, $300 12' tall, 3&quot; dia</td>
</tr>
<tr>
<td>Cocosolobus uvifera*</td>
<td>Seagrape</td>
<td>30'-40' 30-50 years</td>
<td>High; High</td>
<td>Bird food; bee nectar</td>
<td>N/A; Evergreen</td>
<td>Good, $350 12' tall, 3&quot; dia</td>
</tr>
<tr>
<td>Conocarpus erectus*</td>
<td>Green Buttonwood</td>
<td>30'-45' 30 years</td>
<td>High; High</td>
<td>Insect nectar</td>
<td>Green; Evergreen</td>
<td>Good, $300 12' tall, 3&quot; dia</td>
</tr>
<tr>
<td>Tabebuia pallida</td>
<td>Pink Trumpet Tree</td>
<td>30'-40' 30-40 year</td>
<td>High; Moderate</td>
<td>Insect nectar</td>
<td>Pink; Deciduous</td>
<td>Good, $350 14' tall, 3&quot; dia</td>
</tr>
</tbody>
</table>

- The listed costs and availability are approximate and subject to market fluctuations
- The Tree and Beautification Commission reserves the right to change requested planting location and/or tree species based on habitat requirements
- The listed tree heights and longevity are approximate

*Denotes native species
From: Marilyn Black Dussault  
Sent: Tuesday, April 30, 2019 10:43 AM  
To: Hawkins, Rita <RHawkins@covb.org>  
Subject: Ideas for T&B Beautification Weekend (“BW”).

Ideas for T&B Beautification Weekend (“BW”).

1. Better And Earlier Marketing because the weekend is one week earlier than normal in 2020. (Beautiful sites/sights 2020 vision possible theme.)
2. Partnering with Dr. Baker with tree giveaway for week prior to BW. (Need at least CC approval.)
3. Dr. Baker’s tree planting and care instruction session taught during the BW.
4. Repraisal of T&B giveaway of baby trees in cups to ALL school children in Indian River County (similar to Centennial school tree planting project last October) again, through Dr. Baker if he is willing. (Will need approval of CC; IRBOE; and IRCC).
5. Contest for best Beautification projects during the BW. 1. within City limits? 2. And maybe also Indian River County by IRCC since they do not have a Tree Commission. Might be able to get Sponsors to provide prizes like Home Depot; Becker Tree Farm; various landscape etc. (legal research needed).

Sent from my iPhone
FOUNDER'S DAY CENTENNIAL TREE & BEAUTIFICATION COMMISSION
TREE DEDICATION PROGRAM
SUNDAY, MAY 26, 2019  1:30 P.M.
MACWILLIAM PARK

Welcome Remarks – Mrs. Marilyn Dussault, Chairman, Tree and Beautification Commission

Introduction of Mayor, Tree and Beautification Commission Members and other Dignitaries

Greetings – Mayor Val Zudans

Tree and Beautification Commission Members to Speak

Cynthia Schwarz, Vice Chairman
Fran Robinson, Member
Neal Roe, Member
Katherine Booth, Member

Special Welcome – Vice Mayor Tony Young/ City Clerk, Tammy Bursick-
City Centennial 1919-2019

Final Remarks and Joint Dedication – Mrs. Marilyn Dussault, Chairman of the Tree and Beautification Commission

“We dedicate this beautiful Live Oak Tree to those who planted their roots here 100 years ago and continually fed, watered, pruned and nurtured their plantings to become the City of Vero Beach. May this Tree be a living symbol of longevity, tranquility, and continuity.”

THANK YOU FOR ALL FOR JOINING US AND PLEASE ENJOY THE REST OF YOUR DAY AT THE FAMILY DAY CELEBRATION AT RIVERSIDE PARK!

City of Vero Beach
1053 20th Place, Vero Beach, Florida
772-978-4700  Vero100.org
Champion Trees

Palm Tree

A live Oak Tree located on the property of Mr. Chris Runge at 2425 15th Avenue has been designated as the “Largest Tree” by the Tree and Beautification Commission. The tree measures 85 feet in heights, 170 inches in circumference, and the crown spread is an average of 109 feet.

Establishment Resolution

- Resolution Number 2007-13 - Champion Tree / Palm Award Program (PDF)
RESOLUTION NO. 2007-13

A RESOLUTION OF THE CITY OF VERO BEACH, FLORIDA, ESTABLISHING A CHAMPION TREE/PALM AWARD PROGRAM; PROVIDING FOR AN EFFECTIVE DATE.

WHEREAS, the City of Vero Beach is a member in good standing of "Tree City, U.S.A.;" and

WHEREAS, the duties of the Tree and Beautification Commission include advising the City Council on all matters concerning trees and the beautification needs of the City and recommending action necessary and desirable to maintain the City as a member in good standing of "Tree City, U.S.A.;" and

WHEREAS, the Tree and Beautification Commission recommends that the City of Vero Beach establish a Champion Tree/Palm Award Program to recognize and promote the largest, most historical, most prolific flowering, and most unusual tree and palm specimens in the City of Vero Beach; and

WHEREAS, the City Council of the City of Vero Beach finds that a Champion Tree/Palm Award Program will serve to recognize and promote Vero Beach's living legacy of Champion Trees and Palms,

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF VERO BEACH, FLORIDA, THAT:

Section 1. Establishment of Champion Tree/Palm Award Program; Duties of the Tree and Beautification Commission.

The City Council of the City of Vero Beach, Florida hereby authorizes the Tree and Beautification Commission to establish a Champion Tree/Palm Award Program that will recognize and promote Vero Beach's living legacy of Champion
Trees and Palms. The Program will include five categories, each with specific measurement criteria as listed in Section 2, below: Champion Tree, Historical Tree, Prolific Flowering, Champion Palm; Unusual Tree. After receipt of a nomination on a City of Vero Beach Champion Tree/Palm Nomination Form, the Tree and Beautification Commission will establish a monthly schedule to visit properties containing nominated trees/palms lying within the city limits of Vero Beach.

The Commission members will view, measure and photograph the nominated tree/palm to determine if it qualifies for the nominated category. The Commission will use the measurement criteria as listed in Section 2, below, to determine height, crown width and trunk circumference, as well as blooming and unusual qualities.

Historical nominations will be verified by photos with dates, personal knowledge, newspaper/magazine articles, or any other verification method acceptable to the Commission. Each tree/palm will be given points based upon its measurements or visual observations in the case of the blooming and unusual categories, as determined by a majority vote of Commission members.

The nomination and measurement information will be recorded on a Champion Tree/Palm Record form, which will be kept on file in the City Clerk's office. If a newly nominated tree/palm of the same species receives more points, it will replace the current Champion Tree/Palm for that species.

Once each month, the designated Commission member will measure and photograph any trees/palms nominated since the last month's measurement.
date. Certificates of recognition will be awarded by the Tree and Beautification Commission to the respective property owner of new Champion Trees/Palms on an annual basis, during the Arbor Day ceremony. With the express written permission of each individual property owner, the names and locations of all winners will be placed on the City website. Property owners that have had their Champion tree/palm replaced by a new Champion will have an emeritus Champion Tree/Palm status on the City website.

Section 2. Five Categories for Nomination of a Champion Tree/Palm: Measurement Criteria for each Category.

A. Five Categories for Nomination of a Champion Tree/Palm:

1) Largest Tree

2) Historical Tree

3) Prolific Flowering

4) Champion Palm

5) Unusual Tree/Palm

B. Measurement Criteria for Each Category:

1) Largest Tree = Tree Height, Crown Width, Trunk Circumference

Height = 1 point per foot
Crown Width = 1 point per four feet of width
Trunk Circumference = 1 point per inch

To calculate points, add height @ 1 point per foot plus circumference @ 1 point per inch plus crown width @ 1 point per 4 feet to give total.
2) Historical Tree/Palm = Historical significance due to location planted or who planted it or age of tree, if it can be determined.

Points given on a 1 – 10 scale (10 being highest), based on historical significance, to be determined by Tree and Beautification Commission members with a majority vote of those present.

3) Prolific Flowering = Trees that provide an extraordinary show of flowers.

Points given on a 1 – 10 scale, based on show of flowers, to be determined by Tree and Beautification Commission members with a majority vote of those present.

4) Champion Palm = Measurements of palm height or crown width, based upon species.

Height – 1 point per foot
Crown Width = 1 point per foot of width

5) Unusual Tree/Palm = Tree/palm specimen with curious, bizarre, or odd growth habit or shape

Points given on a 1 – 10 scale, based on the unusual characteristics of tree/palm, to be determined by Tree and Beautification Commission members with a majority vote of those present.

C. Criteria by Species for Palms.

(Note: This list is not exhaustive of the species possible for nomination.)

1) Acoelorrapha wrightii (Paurotis Palm)  Height  Clump Diameter (dbh)
2) Arenga engleri (Dwarf Sugar Palm)  Clump Diameter (dbh)
3) Butia capitata (Pindo Palm)  Height  Trunk Diameter (dbh)
4) Caryota sp. (Fishtail Palm)  Height
5) Chamaerops humilis (European Fan)  Height
6) Livistona chinensis (Chinese Fan)  Height
7) Livistona decipiens (Ribbon Fan)  Height
8) Phoenix canariensis (Canary Date)  Height  Crown Spread
9) Phoenix dactylifera (Medjool Date)  Height  Crown Spread
10) Phoenix reclinata (Senegal Date)  Height  Clump Diameter (dbh)
11) Phoenix roebelenii (Pygmy Date)  Height  Single or Multiple
12) Rhapidophyllum hystrix (Needle Palm)  Clump Diameter (dbh)
13) Rhapis excelsa (Lady Palm)  Height  Clump Diameter (dbh)
14) Roystonea elata (Florida Royal Palm)  Height
15) Sabal causiarum (Hat Palm)  Height
16) Sabal palmetto (Cabbage Palm)  Height
17) Serenoa repens (Scrub Palmetto)  Height  Clump Diameter (dbh)
18) Syagus romanziifiana (Queen Palm)  Height  Crown Spread
19) Trachycarpus fortunei (Windmill Palm)  Height
20) Washingtonia filifera (California Fan)  Height
21) Washingtonia robusta (Mexican Fan)  Height

*dbh = diameter at breast height (4 ½ feet)

Section 3. Adoption of Champion Tree/Palm Nomination Form (Appendix A), and Champion Tree/Palm Record Form (Appendix B).

The City Council of the City of Vero Beach hereby adopts as part of the Champion Tree/Palm Award Program Appendix A, “Champion Tree/Palm Nomination Form,” Appendix B, “Champion Tree/Palm Record,” and Appendix C, “Measuring Method for Nominated Trees” as and in the form shown in said Appendices attached hereto and incorporated herein by this reference.
Section 4. Effective Date.

This Resolution shall become effective upon passage.

This Resolution was heard on the 3rd day of April, 2007, at which time it was moved for adoption by Councilmember [Name], seconded by Councilmember [Name], and adopted by the following vote:

<table>
<thead>
<tr>
<th>Role</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mayor</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Vice Mayor</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Councilmember</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Councilmember</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Councilmember</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

ATTEST:  

CITY OF VERO BEACH, FLORIDA:

Sign: [Signature]  
Print: Tammy K. Voxx  
Title: City Clerk

Sign: [Signature]  
Print: [Signature]  
Title: Mayor

Approved as to form and legal sufficiency:  
City Attorney

Approved as conforming to municipal policy:  
City Manager

Page 6 of 7
APPENDIX A

CHAMPION TREE/PALM NOMINATION FORM

If you would like to nominate a tree/palm that is within the city limits of Vero Beach, please fill out this form and forward it, with a photo of the tree/palm, to the Tree and Beautification Commission, City of Vero Beach, 1053 20th Place, Vero Beach, FL 32960.

Nominated By __________________________________________

Phone Number(s) _______________________________________

Nomination Category ____________________________________

Tree/Palm Property Address _______________________________

Name(s) of Property Owner(s) _____________________________

Tree/Palm Species _______________________________________

Location of Tree/Palm on Property __________________________

Permission by Property Owner(s) to visit property of nominated tree/palm, to measure and photograph the nominated tree/palm and to use property owner(s') name(s) and location/picture of nominated tree/palm on the City website and in other City publications

Property Owner(s’) Signature(s)* __________________________

By signing and granting the above permission to the City of Vero Beach, I/We certify that I/We are the owners of the subject property.

*Permission of Property owner(s) is required prior to processing the nomination. All property owners must signify permission by signing this form.
APPENDIX B

CHAMPION TREE/PALM RECORD

Permission to visit property of nominated Tree/Palm, and to use property owner(s) name(s) and location of nominated Tree/Palm on City website and in other City publications has been obtained by each individual property owner.

NOMINATION CATEGORY: ________________________________

DATE: __________________

BOTANICAL NAME: __________________________________

COMMON NAME: ____________________________________

PROPERTY OWNER(S) NAME(S): _______________________

ADDRESS: _________________________________________

TELEPHONE NUMBER(S): ______________________________

TREE/PALM HEIGHT (FEET): __________________________ PTS
TREE/PALM CIRCUMFERENCE (INCHES): _________________ PTS
CROWN SPREAD AVERAGE (FEET): ______________________ PTS
SHOW OF FLOWER: __________________________________ PTS
UNUSUAL SPECIMEN: ________________________________ PTS
HISTORIC TREE/PALM: ______________________________ PTS

TOTAL POINTS _________________________________

CONDITION OF TREE/PALM: ________________________

________________________________________________

________________________________________________

NOTES: ________________________________________

________________________________________________

________________________________________________

TREE AND BEAUTIFICATION COMMISSION MEMBER:

NAME: __________________________________________

SIGNATURE: _____________________________________

DATE: _________________________________________

N:\City\Atty\AST\Client Docs\RES\PWENG. RES.Champion Tree.Palm.Appendix B.jan.16.07~msl.doc
APPENDIX C

MEASURING METHOD FOR NOMINATED TREES

These measuring instructions are based on acceptable international standards to scientifically record the dimensions of trees:

GIRTH

Girth is measured as the circumference in inches at breast height, which is four and one half (4.5) feet above ground level.

In most situations, this measurement can be taken with a simple tape rule. For very large diameter trees, care must be taken to assure the tape rule doesn’t snag below 4.5 feet as it snakes around the trunk.

UNUSUAL CIRCUMSTANCES:
Trees may be growing on ground that isn’t level or steeply sloped or a tree may have branches below 4.5 feet or have multiple stems.

Measuring on Slopes: When the ground around the trunk isn’t level, measure 4.5 feet above the lowest point where the trunk meets the ground, then measure 4.5 feet above the highest contact of tree with earth. Then take the average of these two distances, or halfway between these two points on the trunk.

Measuring on Very Steep Slopes: On occasion, the slope is so steep that the average point is lower than the highest point where the trunk touches the ground, making a girth measure at this point impossible. In such a case, measure the girth at the lowest practical point, which usually means at the highest point where the trunk meets the ground.

Measuring a Leaning Tree: When a tree is leaning significantly away from vertical, measurement should be made at right angles to the axis of the trunk, not in the usual horizontal plane. The measurement should still be taken at a point an average of 4.5 feet above ground level, measured vertically, not along the leaning trunk.

Measuring a Low-Branching Tree: Some trees have a branch or growth projecting from the trunk below 4.5 feet which obstructs or influences the girth measurement. In such a case, circumference is then measured at the point below breast height which yields the smallest measurement.

Measuring a Multi-stem Tree: A few species often develop sprouts that form multiple stems at 4.5 feet. In these instances, the largest stem should be measured at 4.5 feet.
Measuring a Tree with Butt Swell: A tree—particularly a few tropical species such as Bald Cypress—may have a swollen circumference near ground level which rapidly tapers to a much narrower trunk. Measurements must be made at 4.5 feet, although a second circumference measurement can be taken at a higher level that is useful to convey a clear description of trunk size.

HEIGHT
Height is measured as the distance in feet between the base of the tree’s trunk and the topmost twig.

A rough estimate can be obtained by a simple manual sighting technique using a straight ruler, tape measure and a little trigonometry, as described below. The first challenge is to find a spot which permits an unobstructed view of both the base and the top of the tree.

ESTIMATING HEIGHT BY MANUAL SIGHTING:
Method 1.: Hold a ruler of fixed length at arm’s length in front of you and step backwards from the tree until the line of sight through bottom of the ruler touches the tree’s base and the line of sight over the top of the ruler touches the topmost twig of the tree. Ideally, this sighting should be taken with your eyes as close to the ground as possible to assure the sighting triangle is a right triangle. Measure the distance in feet from your eyes (O in diagram) to the ruler (B in diagram) and from your eyes to the base of the tree (C in diagram). The height of the tree is then distance C multiplied by distance B and divided by distance A. For simplicity, if the ruler B is one foot, then the height of the tree is simply C divided by A.

Method 2: Make a clearly visible mark on the tree trunk at a fixed, measured height above ground level. Hold a ruler in front of you and step backwards until the one-inch measure on the ruler matches the distance from the ground to the mark on the trunk. Notice how many inches on the ruler match the entire height of the tree. The height of the tree is then the number of inches multiplied by the height in feet of the mark.
AVERAGE CROWN SPREAD

Crown Spread is measured as the distance between the outermost tips of the farthest-reaching limbs of the canopy. It is measured along the widest and the narrowest axes and then the average of these two maximum and minimum dimensions is computed.

Two measurements must be made: first of the widest spread of the tree's limbs, then the shortest spread of branches. Only living branches should be measured. To do this, stand under the farthest-reaching branch, then measure to the farthest reaching branch on the opposite side. Repeat this procedure with the two limbs with the narrowest width. Average crown spread is computed by adding the two measurements together, then dividing by two.

Measuring a Low-Branching Tree: Trees with a branch or growth on the trunk below 4.5 feet should have the entire crown included in the measure, including the low-branching limb.