

STAFF REPORT

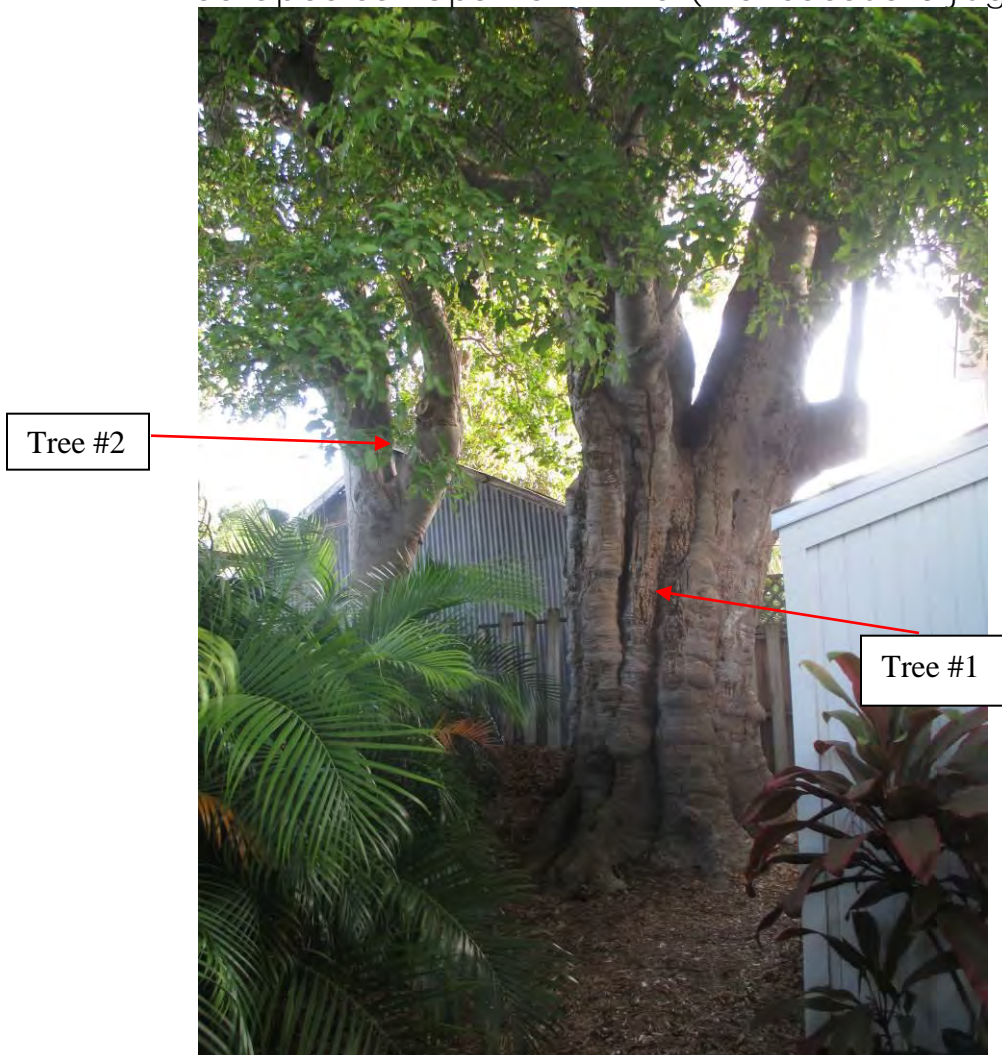
DATE: March 30, 2015

RE: 1029 Catherine Street (permit application #7306)

FROM: Karen DeMaria
City of Key West Urban Forestry Manager

An application was received for the removal **of (2) Spanish Lime trees**. A site inspection was done on March 12, 2015 and documented the following:

Tree Species: Spanish Lime (*Melicoccus bijugatus*)



Tree #1:











Diameter: 59"

Location: 60%

Species: 100% (on protected tree list)

Condition: 20% (one ganaderma found in root, decay issues in canopy)

Total Average Value = 60%

Value x Diameter = 35.4 replacement caliper inches

Tree #2









Diameter: 29"

Location: 50% (very close to property line and fence area)

Species: 100% (on protected tree list)

Condition: 35% (fair to poor-root system intertwined with larger diseased Spanish lime tree)

Total Average Value = 61%

Value x Diameter = 17.6 replacement caliper inches



Tree #1: 35.4 replacement caliper inches

Tree #2: 17.6 replacement caliper inches

Cynthia's Blue Palms

City of Key West Tree Commission

April 1, 2015

Following are my findings of evaluation concerning 1 Royal Poinciana tree and 2 Spanish Lime trees located at 1029 Catherine Street, Key West, Florida. I have been retained by owner William Haymaker.

Royal Poinciana *Delonix regia*, located at south side, center front of property, abutting the wooden fence. The tree is 101" circumference or 32" diameter measured at approximately 5' above grade. Canopy spread is approximately 20'x20'x20'. Condition is very poor. The tree has a very large epiphytic Pothos vine growing on entire tree. The tree can only be viewed from Catherine Street in both directions and by Varella and Watson Street intersections if traveling in a northerly direction. I have observed this tree over a period of 2 years in decline. Photographs depict a decayed hollow trunk with very little live wood under cambium and included bark on main codominate branches throughout canopy. Canopy is thinning as decay throughout tree progresses. Tree is growing over high 'target' areas; one very large limb hanging over street and parking/walking area has major decay while remainder is over home and entrance to home. Repair is not possible by restoration pruning or by chemical infusion. In my professional opinion this Poinciana tree should be removed due to the extensive, progressive decay and with number of 'targets' if failure was to occur.

Spanish Lime *Meliococcus bijugatus*, largest of two Spanish Lime trees immediately adjacent to each other at rear, north side of property abutting 3 properties. Tree is 187" circumference or 59" diameter measured at bh. Canopy is spreading approximately 50'x60'x40' and covers 3 neighboring structures in close proximity. The tree is estimated to be over 100 years in age. Tree can only be seen by residences in rear compound. One very large westerly codominate branch ripped away in a past weather event destroying the roof of neighboring home. Approximately 4 months ago a shelf conk was collected that was growing at south side base of tree. Removal of conk for identification revealed dead

structural root and termite activity. The ground immediately adjacent to dead structural root was soft and spongy encompassing an area of approximately 10'x20' an indication that the root system is in decay. The tree appears to be in poor condition. Attached is the report of diagnosis and prognosis of disease from the University of Florida to include a photograph of the collected shelf conk. The diagnosis is Ganoderma or Butt Rot for which there is no cure. Ganoderma is a wood rotting disease. The report describes general procedures for tree health and observation of progress of disease. Historically I have seen many Spanish Lime trees removed due to Ganoderma. The canopy will remain green but begin to thin, however the root system will decay to the point of throw or falling over. Repair is not possible by restoration pruning or by chemical infusion. Due to the fact that the structural root system has begun to rapidly decay and with many 'targets' if failure was to occur it is my opinion that this tree should be removed.

Spanish Lime *Meliococcus bijugatus*, smaller of two Spanish Lime trees immediately adjacent to each other at rear, north side of property abutting 3 properties. Tree is 91.2" circumference or 29" diameter measured at bh. Canopy is spreading northerly to only one side and is approximately 30'x20'x40' and covers 2 neighboring structures in close proximity. The tree is estimated to be less than 40 years in age. Tree can only be seen by residences in rear compound. The tree is growing within 5' of larger Ganoderma diseased Spanish Lime tree. The report from the University of Florida also describes the likelihood of this Spanish Lime tree being infected due to the intertwining of root systems. I have observed the cambium under bark on south side of tree (side of larger Spanish Lime tree) appears to be decaying. Therefore, it is my professional opinion that the likelihood of Ganoderma disease is also infecting this tree. Due to the fact that the structural root system is likely infected with Ganoderma and with many 'targets' if failure was to occur it is my opinion that this tree should be removed.

If you have any questions concerning this report please contact me at 305/747-2141.

Cynthia Domenech-Coogle, ISA Certified Arborist, FL 0277A









Karen DeMaria

From: Haymaker William D <bhaymaker@gmail.com>
Sent: Monday, March 09, 2015 3:52 PM
To: Karen DeMaria
Subject: Fwd: Plant Specimen Diagnostic Report # 2015-146 (if forwarding this message, do so as an attachment)

Hi Karen,

Sorry to be so late getting this to you but there was a problem with the paperwork as done by the university. (now corrected) In thinking about my submittal, I think that I should have said 2 trees. I tend to think of the two of them as one as they sit right next to each other but it's clear that they are both diseased and will need to come down. Let me know when you'd like to take a look at them or what the next step is. Appreciate your help with this matter.

Bill Haymaker

Begin forwarded message:

Subject: Fwd: Plant Specimen Diagnostic Report # 2015-146 (if forwarding this message, do so as an attachment)

From: Cynthia <cynthiasbluepalms@gmail.com>

Date: March 9, 2015 at 3:43:00 PM EDT

Cc: J D <Johndavidsnell@gmail.com>

To: "bhaymaker@gmail.com" <bhaymaker@gmail.com>

Sent from my iPhone

Begin forwarded message:

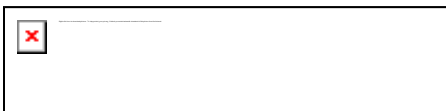
From: <trec-pdc@ifas.ufl.edu>

Date: March 9, 2015 1:14:41 PM EDT

To: <kgabel@ufl.edu>, <cynthiasbluepalms@gmail.com>

Cc: <trec-pdc@ifas.ufl.edu>

Subject: Plant Specimen Diagnostic Report # 2015-146 (if forwarding this message, do so as an attachment)



UF/IFAS/TREC Plant Diagnostic Clinic

18905 SW 280 Street

Homestead, FL 33031

Phone: 305-246-7001 x273 Fax: 305-246-7003 Email: trec-pdc@ifas.ufl.edu

PLANT SPECIMEN DIAGNOSTIC REPORT Specimen # 2015-146

SUBMITTED BY Kim Gabel University of Florida 1100 Simonton St. Ste 2-60 Key West, FL 33040 kgabel@ufl.edu ; cynthiasbluepalms@gmail.com		PLANT Spanish Lime tree (<i>Melicoccus bijugatus</i>)		METHOD SUBMITTED Mail
		VARIETY		CLASS Tropical tree
		INTERNAL LAB NO.	LAB FEE \$40.00	DATE February
PHONE 305-292-4501	COUNTY MONROE, FL	PLANT MATERIAL mushroom		INCUBATION
SENDER CATEGORY Extension Agent	CONDITION UPON ARRIVAL Good, Sample and Information			DIAGNOSTICIAN Dr. Aaron Palmateer
GENERAL OBSERVATIONS		DIAGNOSTIC TECHNIQUE(S) <input type="checkbox"/> Bioassay <input checked="" type="checkbox"/> Microscopic <input type="checkbox"/> Selection <input type="checkbox"/> Culture <input type="checkbox"/> Molecular Analysis <input type="checkbox"/> Serology <input type="checkbox"/> Incubation <input checked="" type="checkbox"/> Other <input checked="" type="checkbox"/> Visual <input type="checkbox"/> Insect ID <input type="checkbox"/> PCR		
GROWER INFORMATION FL		REFERRAL INFORMATION		

Diagnosis/Recommendations

Diagnosis: Conk (*Ganoderma* sp)

Category: Fungus

Comments: This fungus often invades woody tissue especially when there is a wound. There are no effective chemical control options for wood rot fungi. Dispose of fruiting structures removed from infected trees. This fungus is a wood destroyer; so weakened infected trees should be removed prior to their snapping in a storm. If the tree appears healthy monitor the specimen over time because some hardwoods can live a long time with wood rot fungi. If the tree is to be removed be sure to take out as much of the stump and roots as possible. Promote optimal plant health through proper fertilization and irrigation. Please contact your local county extension agent for further questions.

Plant Diagnostic Submission Form (3 Steps)

FILL IN ALL 3 STEPS and SUBMIT ORIGINAL COPY WITH SPECIMEN

STEP 1: YOUR CONTACT INFORMATION - Please Print Clearly

Today's Date:

Name: Kim Gabel Company: UF
Address: 1100 Simonton St. SE City/Zip: Kcy West 33040
County: Monroe Office Ph: 305-292-4501
Email: kgabel@ufl.edu Cell Ph: _____
Fax: 305-292-4415

JAN 30 2015

150146

TYPE OF CLIENT:

Arborist | Farmer | Nursery | Lawn care/Landscaper | Home Owner | Municipality | Pest Control Operator
Other: _____

In addition to submitter send results to:

Name: _____ Company: _____
Address: _____ City/Zip: _____
County: _____ Phone(s): _____ Cell: _____ Fax: _____
Email: _____

STEP 2: GENERAL HOST PLANT & SYMPTOM INFORMATION - Please Print Clearly

Host Plant: Hibiscus Cultivar: _____

Location: _____

General Plant Appearance: ☐ wilted ☐ spotted ☐ yellowed ☐ abnormal growth ☐ stunted ☐ mosaic
☐ other: _____

Part(s) of Plant Affected and Symptom(s) Expressed

<input type="checkbox"/> Roots	<input type="checkbox"/> Trunk	<input type="checkbox"/> Stem	<input type="checkbox"/> Branch	<input type="checkbox"/> Leaves	<input type="checkbox"/> Flowers	<input type="checkbox"/> Fruit
<input type="checkbox"/> apparently normal	<input type="checkbox"/> galls/swelling	<input type="checkbox"/> galls/swelling	<input type="checkbox"/> galls/swelling	<input type="checkbox"/> spotted	<input type="checkbox"/> spotted	<input type="checkbox"/> spotted
<input type="checkbox"/> poor growth	<input type="checkbox"/> cankers	<input type="checkbox"/> cankers	<input type="checkbox"/> cankers	<input type="checkbox"/> blighted	<input type="checkbox"/> blighted	<input type="checkbox"/> blighted
<input type="checkbox"/> discolored	<input type="checkbox"/> discolored int.	<input type="checkbox"/> discolored int.	<input type="checkbox"/> discolored int.	<input type="checkbox"/> yellowed	<input type="checkbox"/> discolored	<input type="checkbox"/> discolored
<input type="checkbox"/> rotted	<input type="checkbox"/> dieback	<input type="checkbox"/> dieback	<input type="checkbox"/> dieback	<input type="checkbox"/> mosaic	<input type="checkbox"/> mottled	<input type="checkbox"/> mottled
<input type="checkbox"/> stubby	<input type="checkbox"/> rotted	<input type="checkbox"/> rotted	<input type="checkbox"/> rotted	<input type="checkbox"/> wilted	<input type="checkbox"/> mosaic	<input type="checkbox"/> mosaic
<input type="checkbox"/> galls/swelling	<input type="checkbox"/> abnormal pattern or number	<input type="checkbox"/> abnormal pattern or number	<input type="checkbox"/> abnormal pattern or number	<input type="checkbox"/> galls/swelling	<input type="checkbox"/> distorted	<input type="checkbox"/> distorted
<input type="checkbox"/> other	<input type="checkbox"/> wilted	<input type="checkbox"/> wilted	<input type="checkbox"/> wilted	<input type="checkbox"/> other	<input type="checkbox"/> other	<input type="checkbox"/> other
	<input type="checkbox"/> other	<input type="checkbox"/> other	<input type="checkbox"/> other			

☐ Other: _____

STEP 3: PLANT PRODUCTION & HISTORY OF PROBLEM - Please Print Clearly

Type of Planting: Field | Interior | Garden | Grove/Orchard | Landscape | Nursery | Greenhouse | Shadehouse
Other: _____

Symptom(s) Prevalence: ☐ Entire Planting ☐ Localized Area ☐ Scattered Area

Symptom(s) Appeared (In Past): ☐ Days ☐ Weeks ☐ Months

Recently Applied Chemicals: Fertilizer: _____

Pesticides: _____

Additional Information: _____





Karen DeMaria

From: cynthia domenech-coogle <cynthiasbluepalms@gmail.com>
Sent: Tuesday, March 31, 2015 2:47 PM
To: Karen DeMaria; Jo Bennett; Bill Haymaker
Subject: 1029 Catherine Sp. Lime
Attachments: IMG_4923.JPG; IMG_3163.JPG; IMG_3205.JPG; IMG_3805.JPG; IMG_3977.JPG; IMG_3978.JPG; IMG_5194.JPG; IMG_5195.JPG; IMG_5196.JPG; IMG_5197.JPG

Hi Karen and Jo,

Attached please find the pictures of 2 Spanish Lime trees at rear, NE, side of property at 1029 Catherine Street. The photographs depict active termites, ganoderma conks, storm damage from very large codominate branch rip away and wood rotting conk, proximity of both trees, disease on smaller tree, and finally canopy display of thinning and desiccating leaves and branches.

I will be sending reports by tomorrow morning.

Call me if you have any questions, please.

Cynthia

Cynthia's Blue Palms,LLC
1006 16th Terrace
Key West, FL 33040
305/747-2142



















Application



7306

Tree Permit Application

Date:

3-4-2015

Please Clearly Print All Information unless indicated otherwise.

Tree Address 1029 CATHERINE ST.
Cross/Corner Street WATSON
List Tree Name(s) and Quantity SPANISH LIME
Species Type(s) check all that apply () Palm () Flowering (X) Fruit () Shade () Unsure
Reason(s) for Application:

() REMOVE (X) Tree Health (X) Safety () Other/Explain below
 () TRANSPLANT () New Location () Same Property () Other/Explain below
 () HEAVY MAINTENANCE () Branch Removal () Crown Cleaning/Thinning () Crown Reduction

Other/Explain**Reason for Request**TREE HAS GUMADDERMA

Property Owner Name WILLIAM & DEBRA HAYTHAVER
Property Owner eMail Address dhayma.kor@gmail.com
Property Owner Mailing Address 1029 CATHERINE ST.
Property Owner Mailing City KEY WEST **State** FL **Zip** 33040
Property Owner Phone Number (617) 669-9768
Property Owner Signature [Signature]

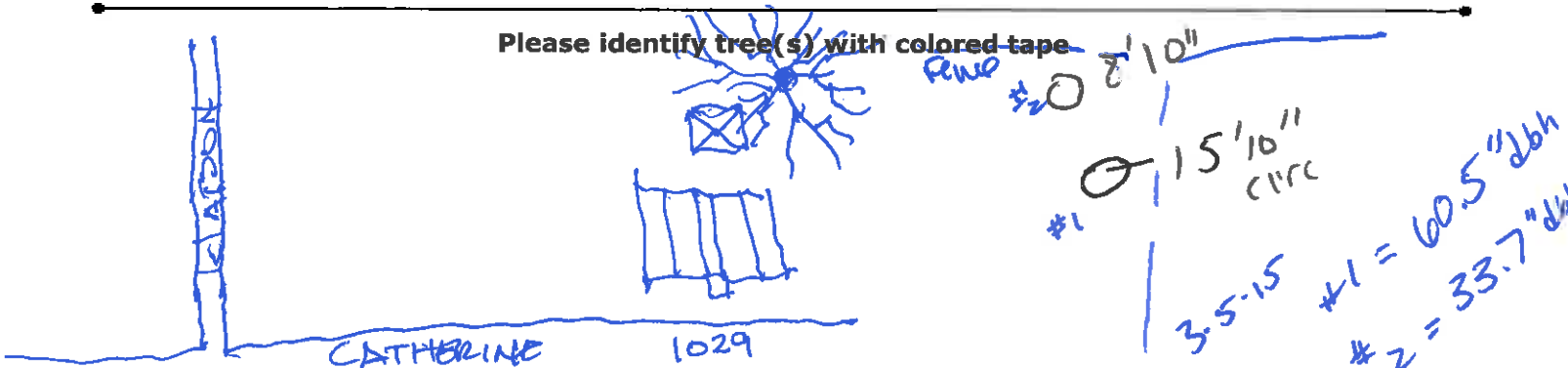
Representative Name KENNETH KING
Representative eMail Address _____
Representative Mailing Address 1602 LAIRD ST.
Representative Mailing City KEY WEST **State** FL **Zip** 33040
Representative Phone Number (305) 296-8101

NOTE: A Tree Representation Authorization form must accompany this application if someone other than the owner will be representing the owner at a Tree Commission meeting or picking up an issued Tree Permit.

Tree Representation Authorization form attached ()

<<<<< Sketch location of tree in this area including cross/corner Street >>>>>

Please identify tree(s) with colored tape



If this process requires blocking of a City right-of-way, a separate ROW Permit is required. Please contact 305-809-3740.



Tree Representation Authorization

Date: 2-9-2015

Attendance at the Tree Commission meeting on the date when your request will be discussed is necessary in order to expedite the resolution of your application. This **Tree Representation Authorization** form must accompany the application if the property owner is unable to attend or will have someone else pick up the Tree Permit once issued.

Please Clearly Print All Information unless indicated otherwise.

Tree Address

1029 CATHERINE ST.

Property Owner Name

WILLIAM & DEBRA HAYMAKER

Property Owner eMail Address

bhaymaker@gmail.com

Property Owner Mailing Address

1029 CATHERINE ST.

Property Owner Mailing City

KEY WEST

State FL

Zip 33040

Property Owner Phone Number

(612) 669-0968

Property Owner Signature

Representative Name

Kenneth King

Representative eMail Address

Representative Mailing Address

1602 Laird St.

Representative Mailing City

Key West

State FL

Zip 33040

Representative Phone Number

(305) 296-8101

I _____, hereby authorize the above listed agent(s) to represent me in the matter of obtaining a Tree Permit from the City of Key West for my property at the tree address above listed. You may contact me at the telephone listed above if there is any questions or need access to my property.

Property Owner Signature

[Signature]

The forgoing instrument was acknowledged before me on this 9th day February 2015.

By (Print name of Affiant) William Haymaker who is personally known to me or has produced FL Driver License as identification and who did take an oath.

NOTARY PUBLIC

Sign Name: Necole Rouse-Culver

Print Name: Necole Rouse-Culver

My Commission Expires: July 17, 2018

