



ISA Certified Arborist

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**ARBORIST TRIMMING LICENSE# A-1580 BROWARD COUNTY
ISA CERTIFICATION: FL5429A**

TREE EVALUATION

CLIENT: Atlantic 3350
SITE: 3350 East Atlantic Blvd.
Pompano Beach, FL
REFERENCE: 20200126A33
Date: 1/26/20

On January 25, 2020, ISA Certified Arborist, Van Hutchinson, evaluated the trees at 3350 Atlantic Blvd., Pompano Beach, Florida. Thirty-four palms/hardwoods were requested for the evaluation.

As an arborist trained and certified by the International Society of Arboriculture (ISA) and licensed as a Class A Tree Trimmer / Arborist by Broward County, the company representative is trained and qualified to document tree conditions, health, and value, and present findings to governing bodies / municipalities as a legal document. The dollar valuations are listed on the summary sheet, with detail found in 34 individual sheets for each tree/palm on site.

IMPORTANT: This evaluation uses the formulae adopted by the City of Pompano Beach last year, based on guidelines from master arborist J. Samnick, included here. We no longer use the formulas given in the *Guide for Plant Appraisal*.

Total canopy area for all: **10,128 sq. ft.**
Total evaluated dollar value: **\$48,170**

Signed,

Van Hutchinson

Certified Arborist FL-5429-A

P.S. as anecdotal information, almost 7 years ago to the day we were called to do a nearly identical tree evaluation at the same site. It is interesting to see how the trees have grown in the interim. For example, a “volunteer” self-planted sabal palm is not yet large enough to count, but seven years from now it will be...and another anecdote:

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I was busy on this site in early January, 2013, and suddenly before our eyes a huge swarm of say, 10,000 bees came to rest on a sapling tree not far from Walgreen's front door, quite close to the bus stop on the south side of the parking lot. I had been very interested in bees, having learned the rudiments of apiculture from my mentor, John, an arborist and beekeeper, and John faithfully transmitted the love and lore of bees. I knew that A) bees our our last defense between having real food and fruit / flowers / trees and functioning ecosystems vs. Brave New World; and B) Some swarming is caused by aggressive and potentially fatal behavior from Africanized honeybee colonies (a very small fraction of the overall Florida genome—most are Italian honeybees and as gentle as a daisy.)

Below: the swarm captured by camera in January of 2013. View from Walgreens parking lot looking south.



So I ran up to the management office and urged Mr. R. to call a beekeeper to take the queen and her drones / workers etc to another location, safely, and I gave him phone numbers. Then I ran

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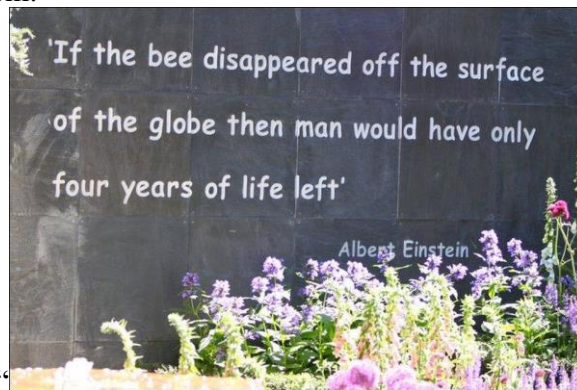
1/5/2021

downstairs and stayed by the bus stop to tell each driver to direct passengers away from the swarm, just a few yards from the benches, since no beekeeper was on site yet to test for Africanized bees, which have been known to attack people as a swarm. (This location also has a lot of elderly and immune-compromised individuals.) We did the best we could to save people and the bees...

But the owner had no patience for such tree-huggin' nature-lovin' BS and he called the first exterminator he could find and the perp sprayed them all with a powerful insecticide.

The owner subsequently lost control of this valuable property.

I quote Albert Einstein:



Source: Forbes, 9/9/14

Photo Section (Purpose is illustrative, not exhaustive.)



Fig. 1: An important measure for tree's condition is whether trunk flare / root collar is visible. If buried too deep from the outset, or from silt and debris over time, the tree's health can be compromised. In this photo (#9, Gumbo limbo) the trunk flare is visible, though not optimal.



Fig. 2: *Calophyllum antillanum* / Brazilian beautyleaf, tree #28, was noted as "high risk" because the decay is on the order of 80% of the cross-section at head height, and the tree is in a sensitive place with ample "targets" upon which it could fail, with risk to life and property.



Fig. 3: Rainwater (and potentially mosquito larvae) pool in this gumbo limbo, tree #34 at the south end of Walgreens.

I find it heartening that this old tree, which has no visible trunk flare (roots buried too deep and heavy foot traffic causing the cigarette & chewing gum-dense soil to get compacted) is actually surviving and doing a bit better than when I evaluated it in 2013... the canopy had severe dieback and now it is a few degrees better...



Fig. 4: Close-up of the same cavity. See blue sky reflected in the water.



Fig 5: Various trees visible in front lot, including this green buttonwood (#30) in the same spot where the bee swarm had been (in a Brazillian beautyleaf) in 2013. Note the HEAVY presence of persistent jet trails in the sky. The day of the tree evaluation, 1/25/20, it was a clear blue sky all afternoon, but after nearly 40 passes from jets leaving persistent plumes (I also took photos and videos of jets at the same time and altitude that left either a) Contrails – short duration condensation trails that dissipated within seconds) or b) no trail at all.) By the late afternoon a haze like a funeral pall had changed the bright sunshine into a haze. Regardless of the source of these persistent jet trails or their chemical composition, they are indeed changing the amount of light that these trees and ecosystems are getting, and it may be that heat that would otherwise escape to the colder areas beyond the ecosphere, is being trapped by artificially formed “clouds” that formed out of jet trail plumes.



By the late afternoon, about 5 p.m., the blue sky had been turned hazy as the jet trails were dissipated by high altitude winds. Pompano Beach is Florida's Warmest Welcome...but if entire ecosystems are being potentially altered by changing the amount of solar radiation reaching earth, and the potential alteration in the normal reflection of heat back to outer space, could Pompano CEASE to be Florida's Warmest Welcome????