

ISA worksheet for Tree Valuation

Method: Florida ISA Tree Eval. Guidelines, Per Joseph Samnick, 2000 sent to arborist by Landscape Dept. of City of Pompano Beach 11/2019

Case# 28 **Calophyllum antillanum** (Brazilian beautyleaf) aka. C. inophyllum

Property 3350 Atlantic, Pompano Beach, FL

Appraiser Van Hutchinson, Cert. Arborist (ISA)



1 Species *Calophyllum antillanum* (Brazilian beautyleaf) aka. C. inophyllum

2 Diameter (DBH) in inches 12

3 DIMINUTION FACTOR (Condition) 18.8%

4 Replacement tree size (inches of diam.) 6

5 Replacement tree cost (Average of 3 local nurseries) \$ 1,100

6 Markup: ISA Multiplier per J. Samnick 2.5

7 Value of each inch of diameter of replacement tree \$ 458 (Markup value / inches of replacement: 6")

8 Base value (DBH * line 9) \$ 5,500.0

9 Value after Diminution factors \$ 1,031.25

10 Appraised value **\$ 1,030.00**

Condition Factors	Score	Max Score
Roots	3	8 Structure: 1-4 plus health 1-4
Trunk	0	8 Structure: 1-4 plus health 1-4
Scaffold Branches	1	8 Structure: 1-4 plus health 1-4
Small branches/twigs	1	health 1-4
Foliage/buds	1	health 1-4
Score	6	
Total Possible	32	
Rating: (score/total possible)	19%	

Comments

DRC

PZ20-12000005
11/18/20

DRC

PZ20-12000005
8/19/2020

DRC

PZ20-12000005
6/3/2020

IMPORTANT: See photos in the narrative sheet showing decay so advanced that the tree is hazardous. It should be removed immediately, especially considering that the plaza may be re-developed with new landscaping. The decay has hollowed out about 80% of the heartwood at head height and the decay extends up into the scaffold branches, making the tree subject to failing on top of a parked car or a pedestrian, or simply attracting swarming insects. As an anecdote, it was 7 years ago, almost to the day, the same arborist writing this report was a few feet to the south of this tree, when suddenly a huge swarm of bees came and huddled for hours on a recently planted tree on site. We advised the owner of the possibility that the swarm could be "Africanized," or containing bees with more African honeybee genes than Italian honeybees and the Africanized honeybees had many incidents of aggressive swarming leading to fatalities. The response was slow; and I remember boarding buses loading passengers to advise the driver and others that the swarm of bees was just steps away from the busstop and bench, and I remember talking to pedestrians in the immediate vicinity that they should stay clear. The owner did not heed my urgent plea to call a beekeeper (who would coax the bees into a transport-hive) but rather Mr. R. called an EXTERMINATOR, who poisoned the bees without determining if they were the aggressive kind. Later Mr. R. lost his investment.

Canopy calculation:

Spread	Canopy	Height "Overall Ht / OA"
14	154 sq. ft.	18

Data Sources: Plantant.com and Betrock Plant Finder

With the plant directories I called up leading nurseries and found that large diameter Calophyllum is available but hard to find and that tree collectors are charging \$1000 to \$1200 for six inch FG field grown callophyllum, so the average is \$1100.

Sources include JWD Trees, Caribbean Tree, and Alger Farms.

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