

Southeast Trees:

A Multi-Site Tree Planting and Evaluation Project in

Southeast Los Angeles County

Part 7. Update to El Dorado East

Regional Park, Fall 2021

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Parts 1 and 2 of this series provided an introduction, rationale, and background to this multi-site, tree planting and evaluation project in southeast Los Angeles County and adjacent Orange County, including an illustrated and annotated list of the more than 125 plantings made at El Dorado East Regional Park in Long Beach beginning in late 2015 and continuing through 2019 (Hodel 2020a) and 82 plantings made at city parks in Lakewood and Cerritos in Los Angeles County and Seal Beach in adjacent Orange County in 2017 and continuing through 2020 (Hodel 2020b). Parts 3 and 4 (Hodel and Holguin 2020, Hodel et al. 2020) provided illustrated and annotated lists of tree plantings made in October, 2020 at Satellite Park, Cerritos (seven trees) and in November and December, 2020 at Palms Park, Lakewood (22 trees). Part 5 (Hodel and Talarico (2021) provided an update to plantings made in December, 2020 in Seal Beach. Part 6 (Hodel et al. 2021) provided an update to El Dorado East Regional Park in Long Beach, including plantings made in February and March, 2021, most of which were replacements for newly planted trees that had died. Here we provide another update to El Dorado East Regional Park to account for a fall planting of 31 trees, most of which were new plantings although five were replacements for earlier planted trees that had died.

Summary of Tree Changes at El Dorado East Regional Park, Fall 2021

By the fall of 2021, co-author Hodel had 31 trees, mostly as 5-gallon-sized plants but a few as 1-gallon and 7-gallon that were ready to plant out. Some were planted within the World of Trees original “footprint,” five of which were replacements for earlier plantings that had died (**Tables 1 and 2**), while the majority was planted in a newly available area that is adjacent and contiguous to the southwestern corner of the World of Trees (**Table 3**). This new area shares the same soil type as the World of Trees and climatic conditions are likely similar to the low and winter-cold-



1. *Eucalyptus rhodantha* planted in 2019 and originally misidentified as *E. torquata*.

night southeastern section of the World of Trees, which was described earlier (Hodel 2020a). Also, a planting from 2019, *Eucalyptus torquata* (2019-11-ED130) was misidentified, and it has now been determined as *Eucalyptus rhodantha* (Fig. 1)

TABLE 1. DEAD TREES.

Dead Trees: Botanical Name	Accession Code Number	Possible Cause of Death
<i>Eucalyptus kingsmillii</i>	2019-11-ED118	Unknown.
<i>Ficus aurea</i>	2019-11-ED120	Cold; insufficient water.
<i>Ficus pleurocarpa</i>	2019-11-ED83	Unknown; the tree grew well for over a year than suddenly and mysteriously declined.
<i>Ficus pseudopalma</i>	2018-02-ED68	Cold.
<i>Hakea archaeoides</i>	2019-11-ED106	Unknown; the tree grew well for over a year than suddenly and mysteriously declined.
<i>Jubaea chilensis</i>	2019-11-ED109	Pink rot disease in apical meristem from overhead irrigation; its “sister” plant (2019-11-ED111) seems to be declining in a similar fashion.

TABLE 2. DEAD TREES AND THEIR REPLACEMENT TREES.

Replacement Trees: Botanical Name	Accession Code Number	Dead Trees: Botanical Name	Accession Code Number
<i>Brachychiton discolor</i>	2021-11-ED174	<i>Ficus pseudopalma</i>	2018-02-ED68
<i>Cassia brewsteri</i>	2021-11-ED153	<i>Hakea archaeoides</i>	2019-11-ED106
<i>Cassia brewsteri</i>	2021-11-ED155	<i>Eucalyptus kingsmillii</i>	2019-11-ED118
<i>Chamaerops humilis</i>	2021-11-ED154	<i>Jubaea chilensis</i>	2019-11-ED109
<i>Ficus menabeensis</i>	2021-11-ED144	<i>Ficus pleurocarpa</i>	2019-11-ED83

TABLE 3. NEW TREE PLANTINGS.

Botanical Name	Accession Code Number
<i>Adansonia</i> sp.	2021-11-ED145
<i>Brachychiton australis</i>	2021-11-ED161
<i>Brachychiton discolor</i>	2021-11-ED174
<i>Cassia brewsteri</i>	2021-11-ED153
<i>Cassia brewsteri</i>	2021-11-ED155
<i>Cassia brewsteri</i>	2021-11-ED158
<i>Cassia brewsteri</i>	2021-11-ED160

Table 3 (continued).

Botanical Name	Accession Code Number
<i>Chamaerops humilis</i>	2021-11-ED154
<i>Ficus abutilifolia</i>	2021-11-ED170
<i>Ficus austrocaledonica</i>	2021-11-ED147
<i>Ficus austrocaledonica</i>	2021-11-ED159
<i>Ficus austrocaledonica</i>	2021-11-ED169
<i>Ficus austrocaledonica</i>	2021-11-ED171
<i>Ficus cordata</i>	2021-11-ED172
<i>Ficus cordata</i>	2021-11-ED173
<i>Ficus dammaropsis</i>	2021-11-ED148
<i>Ficus hispida</i>	2021-11-ED146
<i>Ficus menabeensis</i>	2021-11-ED144
<i>Fraxinus griffithii</i>	2021-11-ED163
<i>Fraxinus griffithii</i>	2021-11-ED164
<i>Fraxinus griffithii</i>	2021-11-ED165
<i>Hibiscus elatus</i>	2021-11-ED150
<i>Ipomoea arborescens</i>	2021-11-ED156
<i>Ipomoea arborescens</i>	2021-11-ED157
<i>Magnolia tamaulipana</i>	2021-11-ED167
<i>Magnolia tamaulipana</i>	2021-11-ED168
<i>Pararchidendron pruinsum</i>	2021-11-ED166
<i>Phytolacca dioica</i> x <i>P. weberbaueri</i>	2021-11-ED162
<i>Simarouba tulae</i>	2021-11-ED151
<i>Syzygium</i> sp.	2021-11-ED149
<i>Syzygium</i> sp.	2021-11-ED152

The Trees

Here we list, discuss, and illustrate the new and replacement trees. We planted new and replacement trees mostly out of 5-gallon-size containers in November, 2021. We always planted within wire-mesh gopher barrier root baskets and used unamended site soil that came out of the hole as the backfill. We carefully inspected root systems before planting and if necessary corrected circling or kinked roots. The trees had been grown without stakes and judiciously structurally pruned to develop a strong central leader in the nursery wherever possible; however,

we staked the trees after planting, but not so much for support as for protective obstructions against errant gang mowers. We mulched and irrigated the trees individually after planting, and then they are irrigated according to the regular schedule at the site. It has been unusually warm and dry fall and irrigation is the primary factor for tree establishment and growth.

Co-authors Raquel and Cris Falco, co-owners of TreePath (<http://treepath.com/>), mapped all the trees using ArcGIS Pro, a GPS-based map-making program. Once completed, the map will be viewable via hand-held, smart devices. Viewers will be able to see their location on the map, walk up to a specific tree identified by a circle on a map, click on it and glean much information, including its botanical and common names, date planted, geographic range, plant family, and photos.

The trees are listed alphabetically and followed on the same line by the latitude and longitude coordinates and an accession number that gives the year and month planted, and a two-letter code for location and a number that corresponds to that tree in a spreadsheet database. For example, *2021-11-ED145* indicates that the tree was planted in 2021, November, at ED (El Dorado East Regional Park in Long Beach) and is entry 145 in the spreadsheet database for that park. The common name(s) of the tree (in UPPERCASE), if any, mostly taken from the internet, follow(s) on the next line. The source of the tree or propagative material and planting month and year are on the lines below the common name. Growth data by date, trunk diameter (at 30 cm above ground), and overall height is provided in table format. Because some of the trees had stems (trunks) less than 1.4 m (4.5 feet) tall (the standard height for measuring trunk diameter) when planted, we measured trunk diameter at 30 cm above the soil so all trees could be uniformly assessed. As the trees grow, we will transition to the standard trunk diameter at 1.4 m.

A performance rating follows the growth table and considers several factors, including growth rate, pruning and training needs, pest and disease activity, and abiotic disorders like cold or heat damage, nutritional status, and perceived moisture effects. The rating is: 1 = dead or nearly so; 2 = poor; 3 = average; 5 = good; 5 = excellent. Completing the treatment is a section titled Notes, a narrative providing a general summary of the tree's history, appearance, performance, nomenclature, and/or miscellaneous information.

Adansonia sp. 33.822310, -118.088806 2021-11-ED145 **Fig. 2**

BAOBAB

Source: Purchased as a 5-gallon plant from Petra Crist, Rare Succulents Nursery, Fallbrook, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.7	---	1.45

Rating: 3.

Notes: This new plant, famous for its immense trunk, was a slow grower in the nursery, leafing out in mid-summer only and now, after planting, is going deciduous. It might lack sufficient heat to perform here adequately.

Brachychiton australis 33.821295, -118.087007 2021-11-ED161 **Fig. 3**

BROAD-LEAVED BOTTLE TREE

Source: Donated as a 1-gallon plant from Jim Henrich, Los Angeles County Arboretum and Botanic Garden, Arcadia, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	2.1	---	1.12

Rating: 4.

Notes: This new plant, with greenish yellow flowers, was a strong grower in the nursery and needed no pruning to develop a central leader.

Brachychiton discolor 33.8223689, -118.0878210 2021-11-ED174 **Fig. 4**

LACEBARK TREE

Source: Unknown.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.5	---	1.42

Rating: 4.

Notes: This new plant of unknown origin was a strong grower in the nursery and needed no pruning to develop a central leader.

Cassia brewsteri 33.822760, -118.086787 2021-11-ED153

BREWSTER'S CASSIA

Source: Grown from seeds obtained from Kathy Musial, The Huntington Library, Art Museum, and Botanical Gardens, San Marino, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.6	---	1.35

Rating: 3.

Notes: This new plant was a moderate grower in the nursery and needed judicious structural pruning to attain a strong central leader. Once established, this species flowers spectacularly with long, pendulous tresses of yellow to orange flowers produced on old wood.



2–5 (Left to Right). 2. *Adansonia* sp.; 3. *Brachychiton australis*; 4. *Brachychiton discolor*; 5. *Cassia brewsteri* 2021-11-ED158.

Cassia brewsteri 33.822991, ~118.086497 2021-11-ED155

BREWSTER'S CASSIA

Source: Grown from seeds obtained from Kathy Musial, The Huntington Library, Art Museum, and Botanical Gardens, San Marino, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.6	---	0.77

Rating: 3.

Notes: This new plant was a moderate grower in the nursery and needed judicious structural pruning to attain a strong central leader. Once established, this species flowers spectacularly with long, pendulous tresses of yellow to orange flowers produced on old wood.

Cassia brewsteri 33.821495, ~118.086701 2021-11-ED158 **Fig. 5**

BREWSTER'S CASSIA

Source: Grown from seeds obtained from Kathy Musial, The Huntington Library, Art Museum, and Botanical Gardens, San Marino, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.7	---	1.15

Rating: 3.

Notes: This new plant was a moderate grower in the nursery and needed judicious structural pruning to attain a strong central leader. Once established, this species flowers spectacularly with long, pendulous tresses of yellow to orange flowers produced on old wood.

Cassia brewsteri 33.821351, ~118.086794 2021-11-ED160

BREWSTER'S CASSIA

Source: Grown from seeds obtained from Kathy Musial, The Huntington Library, Art Museum, and Botanical Gardens, San Marino, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.0	---	1.20

Rating: 3.

Notes: This new plant was a moderate grower in the nursery and needed judicious structural pruning to attain a strong central leader. Once established, this species flowers spectacularly with long, pendulous tresses of yellow to orange flowers produced on old wood.

Chamaerops humilis 33.822680, ~118.086595 2021-11-ED154 **Fig. 6**

MEDITERRANEAN FAN PALM, EUROPEAN FAN PALM

Source: Unknown.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Length × Width × Height (m)
11/2021	---	---	0.90 × 0.85 0 × 0.77

Rating: 5.

Notes: This donated plant grew readily in the nursery with little care, only occasional water.

Ficus abutilifolia 33.820773, ~118.087015 2021-11-ED170 **Fig. 7**

LARGE-LEAVED ROCK FIG

Source: A purchased plant from Jim Sherman, Sherman Nursery, San Marcos, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.9	---	1.30

Rating: 5.

Notes: This new plant grew readily in the nursery and needed little pruning and training to attain a central leader.

Ficus austrocaledonica 33.822070, ~118.088347 2021-11-ED147

NEW CALEDONIA FIG

Source: Rooted cuttings from David Dewsnap, Endeavor, WI.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1	---	0.90

Rating: 3.

Notes: This new plant was a slow to moderate grower in the nursery and performed best in an extremely porous potting mix. The plant immediately declined in poorly drained and poorly aerated potting mix. Co-author Hodel has an affinity for this species, and we have planted several at this site. Hopefully, it will attain its fine attributes of handsome foliage and brightly colored, yellow to orange-red figs.

Ficus austrocaledonica 33.821389, ~118.086808 2021-11-ED159

NEW CALEDONIA FIG

Source: Rooted cuttings from David Dewsnap, Endeavor, WI.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.2	---	0.9

Rating: 3.

Notes: This new plant was a slow to moderate grower in the nursery and performed best in an extremely porous potting mix. The plant immediately declined in poorly drained and poorly aerated potting mix. Co-author Hodel has an affinity for this species, and we have planted several



6–9 (Left to Right). 6. *Chamaerops humilis*; 7. *Ficus abutilifolia*; 8. *Ficus austrocaledonica* 2021-11-ED169; 9. *Ficus cordata* 2021-11-ED172.

at this site. Hopefully, it will attain its fine attributes of handsome foliage and brightly colored, yellow to orange-red figs.

Ficus austrocaledonica 33.820822, -118.086864 2021-11-ED169 **Fig. 8**

NEW CALEDONIA FIG

Source: Rooted cuttings, David Dewsnap, Endeavor, WI.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.1	---	0.85

Rating: 3.

Notes: This new plant was a slow to moderate grower in the nursery and performed best in an extremely porous potting mix. The plant immediately declined in poorly drained and poorly aerated potting mix. Co-author Hodel has an affinity for this species, and we have planted several at this site. Hopefully, it will attain its fine attributes of handsome foliage and brightly colored, yellow to orange-red figs.

Ficus austrocaledonica 33.820857, -118.087221 2021-11-ED171

NEW CALEDONIA FIG

Source: Rooted cuttings from David Dewsnap, Endeavor, WI.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.2	---	1.17

Rating: 3.

Notes: This new plant was a slow to moderate grower in the nursery and performed best in an extremely porous potting mix. The plant immediately declined in poorly drained and poorly aerated potting mix. Co-author Hodel has an affinity for this species, and we have planted several at this site. Hopefully, it will attain its fine attributes of handsome foliage and brightly colored, yellow to orange-red figs.

Ficus cordata 33.820878, -118.087141 2021-11-ED172 **Fig. 9**

NAMNAQUA FIG

Source: A purchased plant from Jim Sherman, Sherman Nursery, San Marcos, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.3	0.4	1.55

Rating: 5.

Notes: This new plant grew readily in the nursery and needed little pruning and training to attain a central leader.

Ficus cordata 33.820894, ~118.087150 2021-11-ED173

NAMNAQUA FIG

Source: A purchased plant from Jim Sherman, Sherman Nursery, San Marcos, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.7	0.7	1.80

Rating: 5.

Notes: This new plant grew readily in the nursery and needed little pruning and training to attain a central leader.

Ficus dammaropsis 33.822051, ~118.088174 2021-11-ED148 **Fig. 10**

DINNER PLATE FIG, HIGHLAND BREADFRUIT

Source: Plant, air-layered from a plant in co-author Hodel's yard that was originally purchased from Jeff Rood, Fallbrook, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	2.5	---	1.30

Rating: 3.

Notes: This new plant, noted for its extremely large, corrugated leaves and huge, scaly figs, was a moderate if not strong grower in the nursery.

Ficus hispida 33.822228, ~118.088721 2021-11-ED146 **Fig. 11**

HAIRY FIG, DEVIL FIG, OPPOSITE-LEAVED FIG

Source: Donated, 5-gallon plant from Tim Hoehn-Boydston, San Diego Zoo, San Diego, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.5	---	1.35

Rating: 3.

Notes: This new plant was a moderate grower in the nursery, going deciduous in the winter and growing somewhat vigorously when leafed out in the summer. It appears to be cold sensitive, so we planted it in the most frost-free section of the World of Trees. It has produced figs on short fruiting branches arising directly from the base of the stem (trunk). In 2019, the central leader died nearly to the ground and it resprouted with two widely spreading stems; we pruned out one at planting and tilted the plant to make the retained, spreading stem upright to serve as the new central leader.



10–13 (Left to Right). 10. *Ficus dammaropsis*; 11. *Ficus hispida*; 12. *Ficus menabeensis*; 13. *Fraxinus griffithii* 2021-11-ED164.

Ficus menabeensis 33.8222000, -118.088845 2021-11-ED144 **Fig. 12**

MALAGASY ROCK FIG

Source: Donated, 1-gallon plant from Dylan Hannon, The Huntington Library, Art Museum, and Botanical Gardens, San Marino, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.9	---	1.05

Rating: 3.

Notes: This new plant, noted for its grayish leaves, was a slow to moderate grower in the nursery and needed little pruning to attain a central leader.

Fraxinus griffithii 33.821136, -118.086952 2021-11-ED163

HIMALAYAN ASH

Source: Seed-grown from a small plant in a greenbelt/park along Royal Oaks Dr., Duarte, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.8	---	0.96

Rating: 3.

Notes: This new plant was a strong, upright grower in the nursery and needed little pruning to develop a central leader but needed a well drained, porous potting mix for best performance.

Fraxinus griffithii 33.821067, -118.086935 2021-11-ED164 **Fig. 13**

HIMALAYAN ASH

Source: Seed-grown from a small plant in a greenbelt/park along Royal Oaks Dr., Duarte, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.9	---	0.95

Rating: 3.

Notes: This new plant was a strong, upright grower in the nursery and needed little pruning to develop a central leader but needed a well drained, porous potting mix for best performance.

Fraxinus griffithii 33.821049, -118.086926 2021-11-ED165

HIMALAYAN ASH

Source: Seed-grown from a small plant in a greenbelt/park along Royal Oaks Dr., Duarte, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.6	---	0.85

Rating: 3.

Notes: This new plant was a strong, upright grower in the nursery and needed little pruning to develop a central leader but needed a well drained, porous potting mix for best performance.

Hibiscus elatus 33.821943, -118.087336 2021-11-ED150 **Fig. 14**

CUBAN BAST, BLUE MAHOE

Source: Co-author Hodel collected seeds of this tree in 2017 on Gran Piedra, Santiago, Cuba, at 1,135 m elevation in cloud forest.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.5	---	1.00

Rating: 2.

Notes: Sometimes known as *Talipariti elatum*, this new plant was a slow grower in the nursery but was easy to attain a central leader without any structural pruning.

Ipomoea arborescens 33.822467, -118.086721 2021-11-ED156 **Fig. 15**

TREE MORNING GLORY

Source: Purchased 5-gallon plant from Petra Crist, Rare Succulents Nursery, Fallbrook, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	2.8	---	1.30

Rating: 3.

Notes: This new plant was a slow to moderate grower in the nursery, defying attempts to prune it structurally to attain a strong central leader and tended to be a multitrunked plant. It seems to be going deciduous after planting out.

Ipomoea arborescens 33.822425, -118.086721 2021-11-ED157

TREE MORNING GLORY

Source: Purchased 5-gallon plant from Petra Crist, Rare Succulents Nursery, Fallbrook, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1	---	0.90

Rating: 3.

Notes: This new plant was a slow to moderate grower in the nursery, defying attempts to prune it structurally to attain a strong central leader and tended to be a multitrunked plant. It seems to be going deciduous after planting out.



14–17 (Left to Right). 14. *Hibiscus elatus*; 15. *Ipomoea arborescens* 2021-11-ED156; 16. *Magnolia tamaulipana* 2021-11-ED167; 17. *Pararchidendron pruinsum*.

Magnolia tamaulipana 33.820907, ~118.086924 2021-11-ED167 **Fig. 16**

MEXICAN MAGNOLIA

Source: Grown from seeds from Jim Henrich, Los Angeles County Arboretum and Botanic Gardens, Arcadia, CA, collected from the Arboretum's tree (20090776*1).

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.0	---	1.30

Rating: 4.

Notes: This new plant was a moderate grower in the nursery and needed little pruning and training to develop a central leader.

Magnolia tamaulipana 33.820893, ~118.066995 2021-11-ED1687

MEXICAN MAGNOLIA

Source: Grown from seeds from Jim Henrich, Los Angeles County Arboretum and Botanic Gardens, Arcadia, CA, collected from the Arboretum's tree (20090776*1).

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1	---	1.50

Rating: 4.

Notes: This new plant was a moderate grower in the nursery and needed little pruning and training to develop a central leader.

Pararchidendron pruinosum 33.820964, ~118.086940 2021-11-ED166 **Fig. 17**

SNOW WOOD, MONKEY'S EARRINGS

Source: Grown from seeds obtained from Kathy Musial, The Huntington Library, Art Museum, and Botanical Gardens, San Marino, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.0	---	1.07

Rating: 3.

Notes: This new plant was a slow to moderate grower in the nursery but was easy to prune and train to attain a central leader.

Phytolacca dioica × **P. weberbaueri** 33.82169, ~118.087105 2021-11-ED162 **Fig. 18.**

OMBU TREE

Source: Cutting-grown, donated plant off the large specimen at Fullerton Arboretum, California State University, Fullerton, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	2.0	---	0.73

Rating: 3.

Notes: This new plant, famous for its curious, immense trunk and spreading surface roots, was a slow grower in the nursery and was nearly impossible to prune and train to attain a central leader. Hopefully it will perform better in the ground.

Simarouba tulae 33.822021, -118.087094 2021-11-ED151 **Fig. 19.**

UNKNOWN

Source: Co-author Hodel collected seeds of this tree in 2017 at La Palma near Holguin in the province of Holguin, Cuba, at 100 m elevation in seasonally dry forest on serpentine soils.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.8	---	0.45

Rating: 3.

Notes: This new plant was a slow grower in the nursery but without pruning easily developed a central leader. It might lack sufficient heat to perform here adequately.

Syzygium sp. 33.821943, -118.087336 2021-11-ED149 **Fig. 20**

UNKNOWN

Source: Purchased 1-gallon plant from Leon Massoth, Xotx Tropico Nursery, Los Angeles, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	1.4	---	1.35

Rating: 3.

Notes: This new plant was a slow grower in the nursery. Its thick, rounded, opposite leaves are interesting.

Syzygium sp. 33.822127, -118.087039 2021-11-ED152 **Fig. 21**

UNKNOWN

Source: Purchased 1-gallon plant from Ed Green, San Juan Capistrano, CA.

Planted: November 2021.

Growth	Diam. (cm, 30 cm above ground)	Diam. (cm, standard height)	Ht. (m)
11/2021	0.8	---	1.32

Rating: 4.

Notes: This new plant was a moderate grower in the nursery. It has small, thin, opposite leaves.



18–21 (Left to Right). 18. *Phytolacca dioica* × *P. weberbaueri*; 19. *Simarouba tulae*; 20. *Syzygium* sp. 2012-11-ED149; 21. *Syzygium* sp. 2021-11-ED152.

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