



TNC Treesilience Approved Species List - Shrubs & Very Small Trees

**\*\*Note:** Wherever possible, local genotypes (genetics sourced from local populations) should be sought and purchased

In **BOLD** are preferred species

Blue Text = Only South of I-10

Black Text = Anywhere in Project Area

<u>Common Name</u>	<u>Genus</u>	<u>Species</u>	<u>Light Requirements</u>	<u>Moisture Requirements</u>	<u>Typical Height (Max Height)*</u>	<u>Notes</u>
Acacia, Prairie	Acaciella	angustissima	Full Sun, Part Shade	Well-drained to very well-drained	1-4 ft (5 ft)*	A small, thornless Acacia; will die back to the ground after freezes; good as a groundcover
Acacia, Sweet (Huisache)	Vachellia	farnesiana	Full Sun	Well-drained to very well-drained	15-20 ft (30 ft)*	Wild varieties have thorns (these best away from walkways, etc); does best on sands or loams; good drought tolerance
Alder, Hazel	Alnus	serrulata	Full Sun, Part Shade, Full Shade	Moist to Very Wet	6-12 ft (15 ft)	Great for rain gardens or other areas with regular shallow flooding; does best with some afternoon shade
<b>Anise, Star</b>	<b>Illicium</b>	<b>floridanum</b>	<b>Part Shade, Full Shade</b>	<b>Moist, but well drained</b>	<b>3 - 6 ft (8 ft)</b>	<b>Does not do well in soils prone to dryness</b>
Blueberry, Elliott's (huckleberry)	Vaccinium	elliottii	Full Sun, Part Shade, Full Shade	Dry, Moist	1-2 ft (3 ft)	Susceptible to chlorosis if pH not low enough - benefits from mulching
Blueberry, High-bush	Vaccinium	corymbosum	Full Sun, Part Shade, Full Shade	Dry, Moist, Wet	6-10 ft (12 ft)	Susceptible to chlorosis if pH not low enough - benefits from mulching
<b>Blueberry, Rosa's Blush</b>	<b>Vaccinium</b>	<b>darrowii</b>	<b>Part Shade</b>	<b>Moist to Well-drained</b>	<b>1-2 ft (3 ft)</b>	<b>A low, colony-forming shrub; Susceptible to chlorosis if pH not low enough - benefits from mulching</b>
Buckeye, Red	Aesculus	pavia	Part Shade, Full Shade	Dry, deep but well-drained	10 - 25 ft (40 ft)*	Does best with afternoon shade; may lose leaves in summer, especially with more light
Buckthorn, Carolina	Rhamnus	caroliniana	Part Shade	Moist, but well drained	10-20 ft (30 ft)*	With more sun, tends to be denser/limbier; 2-4 hours sun best
<b>Buttonbush</b>	<b>Cephalanthus</b>	<b>occidentalis</b>	<b>Full Sun, Part Shade, Full Shade</b>	<b>Moist to Very Wet</b>	<b>3-12 ft (15 ft)</b>	<b>Great for rain gardens or other areas with regular shallow flooding; does best with some afternoon shade</b>
Cherrylaurel	Prunus	caroliniana	Full Sun, Part Shade	Moist, but well drained	15-30 ft (40 ft)*	Prolonged saturation can cause root rot, esp in clay soils
Coralbean	Erythrina	herbacea	Full Sun, Part Shade	Dry	2-6 ft (up to 25 ft with no freezing)	Small thorns; Very good performer in hot, full sun but can tolerate shade; in full sun may grow taller into multi-stemmed shrub
<b>Devilwood (American Olive)</b>	<b>Osmanthus</b>	<b>americanus</b>	<b>Part Shade</b>	<b>Moist, but well drained</b>	<b>15 - 25 ft (40 ft)*</b>	<b>Prefers rich soil, benefits from mulching; best if protected from afternoon sun</b>
<b>Doghobble, Coastal</b>	<b>Leucothoe</b>	<b>axillaris</b>	<b>Part Shade</b>	<b>Moist</b>	<b>2 - 6 ft (7 ft)</b>	<b>In LA, needs at least 2 hours of sun to discourage leaf diseases</b>
Fetterbush	Lyonia	lucida	Part Shade	Moist, but well drained	2 - 6 ft (7 ft)	Difficult to keep in good condition without mulching, morning sun, and little watering
<b>Firebush</b>	<b>Hamelia</b>	<b>patens</b>	<b>Full Sun, Part Shade</b>	<b>Moist, but well drained</b>	<b>2-3 ft (4 ft)</b>	<b>Very good performer in hot, full sun; can tolerate part shade, but blooms better in full sun</b>
<b>French mulberry</b>	<b>Callicarpa</b>	<b>americana</b>	<b>Part Shade, Full Shade</b>	<b>Moist</b>	<b>3-5 ft (9 ft)</b>	<b>Can tolerate full sun but best in part shade; can be cut back to encourage more compact growth forms</b>
Fringetree	Chioanthus	virginicus	Part Shade	Moist	15 - 25 ft (35 ft)*	Does best with afternoon shade; does poorly in heavy clay soils
Garberia	Garberia	heterophylla	Full Sun	Dry	3-4 ft (5 ft)	Slow-growing but long-lived; weakly woody
Gum bully	Sideroxylon	languinosum	Full Sun, Part Shade	Dry; Moist but well drained	15-20 ft (40 ft)*	Slow-growing but tough; good performer in hot, full sun; does poorly in heavy clays
<b>Holly, Dahoon</b>	<b>Ilex</b>	<b>cassine</b>	<b>Full Sun, Part shade</b>	<b>Moist</b>	<b>15 - 30 ft (35 ft)*</b>	<b>Dry/very-well drained sites should be avoided; can tolerate short periods of shallow flooding</b>
Holly, Deciduous	Ilex	decidua	Full Sun, Part Shade	Moist	15 - 30 ft (35 ft)	Best with some afternoon shade; good performer in heavy clays; can tolerate short periods of shallow flooding
Holly, Inkberry	Ilex	glabra	Part Shade	Moist to Wet	6 - 12 ft (15 ft)	A mound-shaped, colony-forming shrub...prone to spreading; flood tolerant
<b>Holly, Large Gallberry</b>	<b>Ilex</b>	<b>coriacea</b>	<b>Part Shade</b>	<b>Moist to Wet</b>	<b>8 - 12 ft (15 ft)</b>	<b>Flood tolerant for short periods of flooding</b>
<b>Holly, Yaupon</b>	<b>Ilex</b>	<b>vomitorea</b>	<b>Full Sun, Part Shade, Full Shade</b>	<b>Dry; Moist</b>	<b>10 - 15 ft (25 ft)</b>	<b>Versatile - tolerates drought and poor drainage</b>
Maleberry	Lyonia	ligustrina	Part Shade	Wet	6 - 12 ft (15 ft)	Does best on saturated/poorly drained soils with low pH; benefits from mulching
<b>Mauve</b>	<b>Abutilon</b>	<b>hulseanum</b>	<b>Full Sun, Part Shade</b>	<b>Dry; Moist, but well-drained</b>	<b>4 - 5 ft (7 ft)</b>	<b>Only weakly woody; noted for being weedy but very hardy in hot, full sun</b>
Palm, Needle	Rhapidophyllum	hystrix	Part Shade, Full Shade	Moist	3 - 6 ft (8 ft)	Can tolerate short, shallow flooding; slow growing; can tolerate full sun but best in part shade
<b>Palmetto, Dwarf</b>	<b>Sabal</b>	<b>minor</b>	<b>Full Sun, Part Shade, Full Shade</b>	<b>Moist to Wet</b>	<b>5 - 10 ft (12 ft)</b>	<b>Slow growing but very hardy and long-lived; little maintenance required; suitable for wet sites</b>
Palmetto, Saw	Serenoa	Repens	Full Sun, Part Shade, Full Shade	Moist to Wet	5 - 10 ft (12 ft)	Slow growing but very hardy and long-lived; little maintenance required; suitable for wet sites but not as tolerant as Sabal minor
Redbud, Eastern	Cercis	canadensis	Part Shade, Full shade	Moist, but well drained	15 - 25 ft (35 ft)*	Often performs poorly in full sun, but more sun leads to more blooming; best in rich, moist, but well-drained soils
Rosemallow, Scarlet	Hibiscus	coccineus	Full Sun	Moist to Wet	4 - 6 ft (10 ft)	Beautiful, great performer in full, hot sun; not truly woody - will die back to ground in cold weather
Rosemallow, Crimson-eyed	Hibiscus	moscheutos	Full Sun, Part Shade	Moist to Wet	4 - 6 ft (8 ft)	great performer in full, hot sun; not truly woody - will die back to ground in cold weather; tolerant of short, shallow flooding
Rosemallow, Halberd-leaf	Hibiscus	laevis	Full sun, Part Shade	Moist to Wet	4 - 5 ft (6 ft)	great performer in full, hot sun; not truly woody - will die back to ground in cold weather; tolerant of short, shallow flooding
<b>Saffron Plum</b>	<b>Sideroxylon</b>	<b>celastrinum</b>	<b>Full Sun, Part shade</b>	<b>Dry; Moist, but well-drained</b>	<b>10 - 20 ft (25 ft)*</b>	<b>A thickety, thorny shrub (best away from walkways, etc), but hardy and versatile</b>
Sumac, Smooth	Rhus	glabra	Full Sun, Part Shade, Full Shade	Dry; Moist, but well-drained	10 - 15 ft (20 ft)	Fast growing and drought-tolerant but can spread; can be cut back occasionally
<b>Sumac, Winged</b>	<b>Rhus</b>	<b>copallinum</b>	<b>Full sun, Part Shade</b>	<b>Dry; Moist, but well-drained</b>	<b>10 - 15 ft (20 ft)</b>	<b>Hardier than Smooth Sumac; Fast growing and drought-tolerant but can spread; can be cut back occasionally</b>
<b>Titi, White</b>	<b>Cyrilla</b>	<b>racemiflora</b>	<b>Full Sun, Part Shade</b>	<b>Moist to Wet</b>	<b>6 - 10 ft (&gt;20 ft where no freezing)</b>	<b>Hardy in hot, full sun and tolerant of poorly-drained soils; best in acidic soils but at least somewhat hardy in a variety of soils</b>
<b>Turk's Cap</b>	<b>Malvaviscus</b>	<b>arboreus</b>	<b>Full Sun, Part Shade</b>	<b>Dry; Moist, but well drained</b>	<b>5 - 8 ft (10 ft)</b>	<b>Best in part shade, but very tolerant generally of heat and hardy and versatile in a range of conditions</b>
Viburnum, Arrowwood	Viburnum	dentatum	Full Sun, Part Shade, Full Shade	Dry to Wet	6 - 8 ft (12 ft)	Versatile and hardy in a range of conditions; hardiest in Part Shade; won't bloom reliably in Full Shade
Viburnum, Possumhaw	Viburnum	nudum	Full Sun, Part Shade, Full Shade	Moist to Wet (mucky)	10 - 15 ft (20 ft)	Versatile in a range of conditions, but performs best in wet soils and part shade; toerant
Viburnum, Rusty Blackhaw	Viburnum	rufidulum	Full Sun, Part shade	Dry; Moist, but well drained	10 - 20 ft (30 ft)*	Hardier in dry soils and full sun than other Viburnums, but performs best in part shade (great for understory plantings)
<b>Viburnum, Walter's</b>	<b>Viburnum</b>	<b>obovatum</b>	<b>Full Sun, Part Shade</b>	<b>Dry; Moist</b>	<b>10 - 15 ft (25 ft)</b>	<b>Best in afternoon shade; tolerant of range of soils but not wet</b>
<b>Waxmyrtle</b>	<b>Morella</b>	<b>cerifera</b>	<b>Full Sun, Part Shade</b>	<b>Moist to Very Wet</b>	<b>6 - 12 ft (20 ft)</b>	<b>Performs well in a variety of light conditions, including full sun; great for drier parts of rain gardens but also suitable in drier soils</b>
<b>Willow, Virginia</b>	<b>Itea</b>	<b>virginica</b>	<b>Full Sun, Part Shade, Full Shade</b>	<b>Moist to Very Wet</b>	<b>4-6 ft (10 ft)</b>	<b>Best in part shade or full shade (does not bloom well in full shade) and waterlogged to wet soils; great for rain gardens</b>

\*All of the above tend to be multi-stemmed; species with \* can be pruned to single stem