Shrubs, Ground Cover, Succulents and Cacti



Agave (Agavoideae various species)

Size: varies @2x2' Sun: Full sun Color: varies

Care: fertilize spring and summer.

Disease: Often infected by agave snout

weevil if over watered.

Water: Limited watering with full drying out

between.



Aloe Vera (Asparagaceae)

Size: varies Sun: Full sun Color: varies

Disease: fertilize spring and summer Disease: Root rot from overwatering. Water: Limited watering with full drying

between.



Arizona Rosewood (Vauquelina Californica)

Size: 8x8' slow growing Sun: Full to partial sun

Small white flowers in umbels followed by

ugly, small brown fruit. Care: Prune, do not shear.

Disease: Prone to root rot. Can be trained to

a small vase-shaped "tree."

Water: deep irrigation monthly during

summer only

Drought/Heat: Tolerant to hot weather <

110F.



Arizona Yellow Bells (Tecoma stans)

Size: 8x8 '

Sun: Full to partial shade

Care: Prune if frost or sun damaged only Water: deep irrigation as needed during

summer

Drought/Heat: Tolerant to 110F.

Note: If it gets straggly prune to 6" stub in

early spring and fertilize



Autumn Sage (Salvia greggii)

Size: 3x3'

Sun: Full to partial shade

Disease: susceptible to spittle bug - prune

and remove infected stems

Care: Prune mid-summer and late winter -

not shear

Water: deep irrigation as needed during

summer



Baja Fairy Duster (Calliandra californica)

Size: 5x5' Sun: Full sun

Care: Prune during fall or early spring to keep

shape but do not shear.

Water: Low water once established



Baja or Desert Ruellia (Ruellia peninsularis)

Size: 4x5'

Sun: full sun to filtered shade Care: Prune do not shear

Water: low water once established



Black Dalea (Dalea Frutescens)

Size: 3x5' Sun: Full

Water: Medium water

Care: cleanup around bottom occasionally Note: Healthiest when grown as ground cover, not shrub. Shear severely in winter or

early spring.



Bougainvillea (Bougainvillea brasiliensis or glabra)

Size: varies based on pruning and use of

Trellises

Sun: Full to partial shade

Water: Lots of green, but little color = too

much H2O.

Care: Pune as needed for desired shape. Fertilize regularly Sept-Nov and Mar-May

Drought/Heat: Tolerant



Disease: None, but becomes unhealthy if not watered and fertilized correctly.

The bottom image will look like the top

image if sheared.



Bottle Brush (Callistemon viminalis)

Size: 3x5' Sun: Full

Care: Prune but no shears Water: Keep moist, but not wet.

Drought/Heat: Resistant

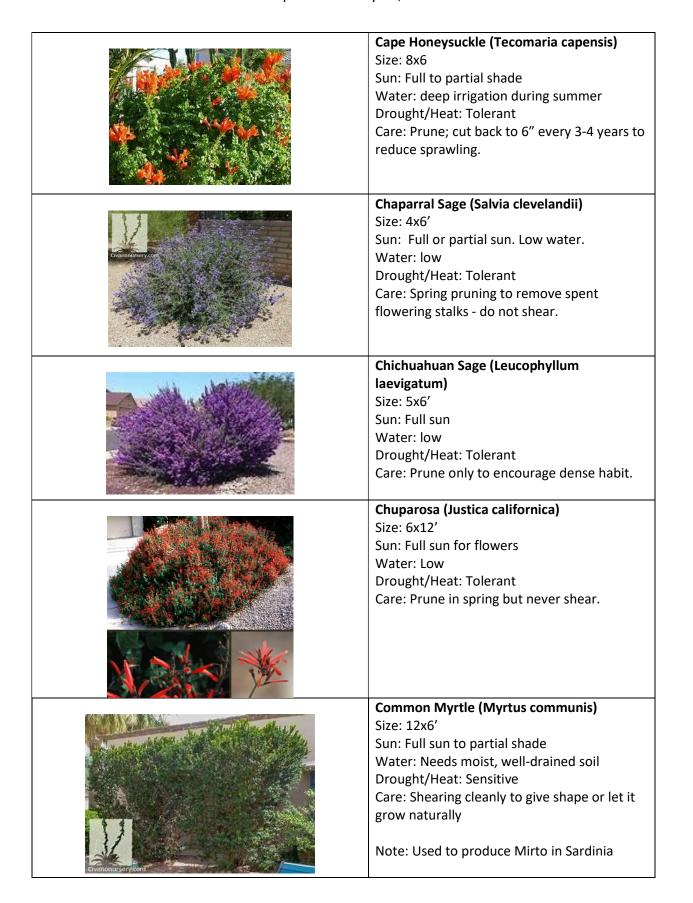


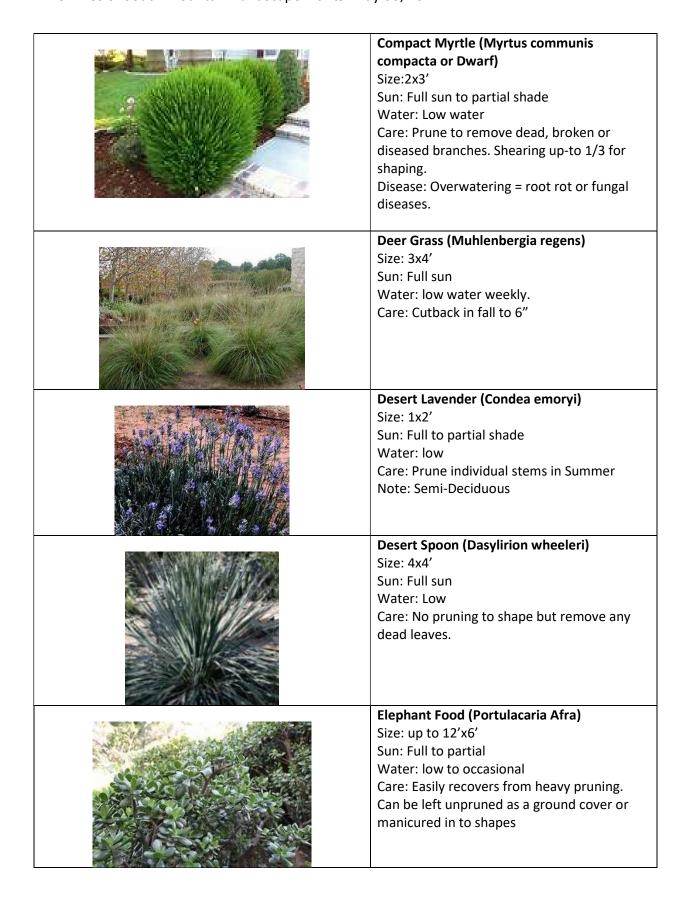
Candelilla (Euphorbia antisyphilitica)

Size: 3x2' Sun: Full sun

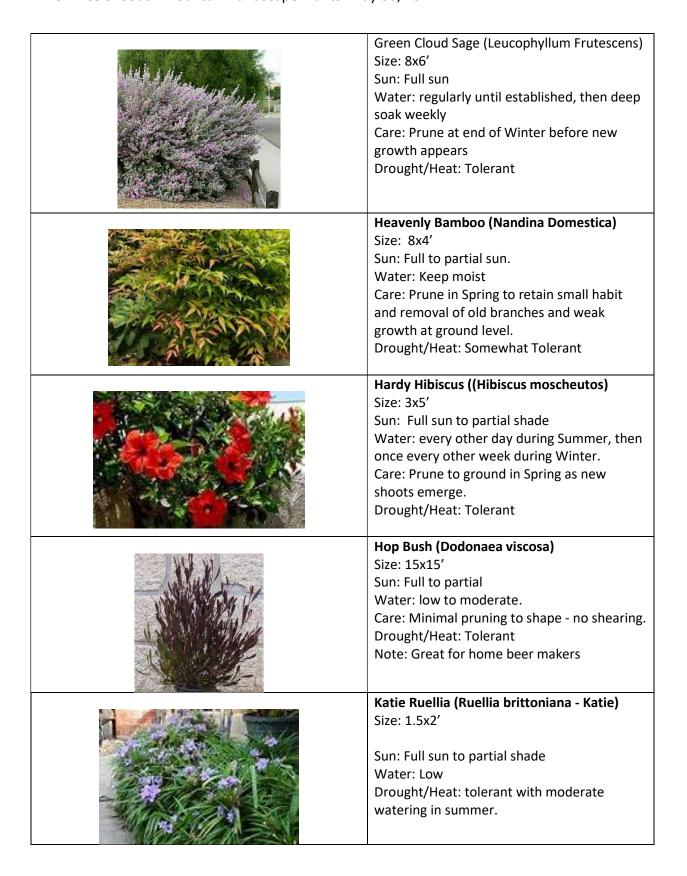
Water: during hot/dry summer Drought/Heat: Desert love

Care: Cutback to ground in late Winter. Flowers: Tiny orchid like down full stem. Note: Wax on stems used for candles











Lantana (all species)

Size: 4x6'

Sun: Full to partial shade.

Water: regularly and deeply during first year,

then deep water 1/week.

Care: Prune back significantly in spring to

improve growth and shape.

Note: healthiest when kept to a low habit of

2x3'



Mexican and Red Bird of Paradise (Caesalpinia Mexicana and pulcherrima

"Peacock flower")

Size: 10x8' Sun: Full sun Water: Weekly

Care: Cut stems back to the ground in later

winter

Drought/Heat: Tolerant



Image 1: Mexican Bird of Paradise often

shaped into small tree

Image 2: Red Bird of Paradise often left as

small shrub



Mexican Honeysuckle or Firecracker Plant (Justicia spicigera)

Size: 8x5'

Sun: Full sun to partial shade, avoid western

summer sun

Water: moderate and deep

Care: Prune to retain desired shape for no

shearing.

Drought/Heat: Tolerant; leaves burn Note: Attracts White flies. Fertilize in late

winter.



Natal Plum "Green Carpet" (Apocynaceae Carissa macrocarpa)

Size: 8x5

Sun: Full to partial shade. Drought/Heat: Tolerant

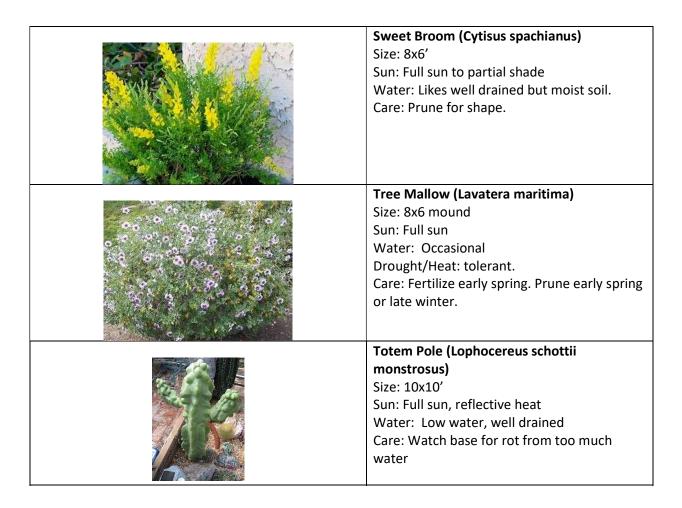
Water: Medium

Care: Prune only to maintain shape. Fertilize

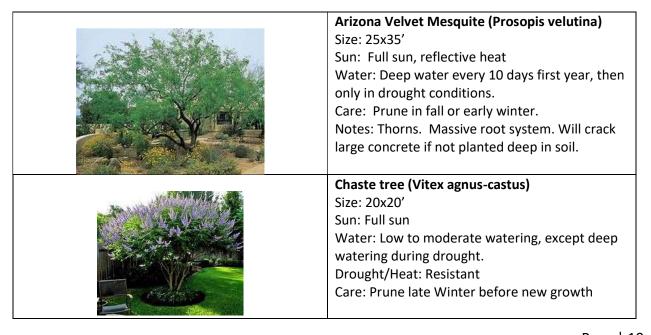
young plants in spring and summer.

Notes: Red fruit makes a tasty jam. All other

parts are extremely poisonous to dogs.					
parts are extremely poisonous to dogs. Penstemon "Beardtongues" (Plantaginaceae Lamiales) Size: 3x3' Sun: Full sun Water: Low Care: Cut spent flower spikes. In late fall, cut back to 4-6" from ground Note: Over 250 varieties Oleander (Nerium)					
Size: 6x5' Sun: Full sun Water: Low except during drought when deep watering weekly is needed. Care: Prune early spring and summer Note: Contact with foliage and flowers can cause skin irritations and allergic reactions.					
Red Yucca (Hesperaloe parviflora) Size: 5x2' Sun: Full sun Water: Low Drought/Heat: Tolerant Note: Hummingbird attraction					
Rosemary (Rosmarinus lamiaceae) Size: 2x5' Sun: Full sun to partial shade Water: Regular watering Care: Prune to retain growth boundary Drought/Heat: Tolerant					
Silver Leave Cassia (Cassia artemesoides) Size: 6x6' Sun: Full sun to partial shade Water: Weekly deeply Care: Prune or shear to keep shape Note: Has large seed pods. Water weekly deep. Too much water can cause root rot.					



Trees





Desert Fern (Lysiloma microphylla)

Size: 20x20'

Sun: Full sun to partial shade

Water: low, except deep watering during

drought

Drought/Heat: Resistant

Note: "Giant shrub on steroids" must be trained to a multi-trunk tree. Messy with fruit pods,

flowers and leaves drop.



Desert Ironwood (Olneya tesota)

Size: 25x15' Sun: Full sun

Water: Low to zero

Care: Prune lower branches to show multi-trunk.

Drought/Heat: Exceptionally Tolerant

Note: Usually grow as small, sparse trees. Pea-

like flowers from April to June.



Desert Sweet acacia (Acacia smallii)

Size: 25x20' Sun: Full sun

Water: Low water after first year.

Care:

Drought/Heat: Extremely Tolerant

Notes: Lots of yellow flower-balls and seed pods. Aggressive root system with thick roots

running well beyond canopy.



Desert Willow (Chilopsis linearis)

Size: 20x20'

Sun: Full sun or part shade

Water: Deep water weekly for first year, then every 2-3 weeks in summer and monthly in

winter.

Care: Prune in spring by removing lowest limbs

until tree height is reached. Drought/Heat: Tolerant

Notes: Root system with long tap root that

anchors tree.

The Pines of South Mountain Landscape Plants May 06, 2021



Leather Leaf Acacia (Acasia craspedocarpia)

Size: 12x15' Sun: Full sun

Water: Low but multiple drips at varying ranges

needed to promote healthy roots

Care: Prune lower branches to form canopy

Drought/Heat: Tolerant

Notes: Yellow rod-shaped flowers



Mastic Tree (Pistacia lentiscus "Arabic gum")

Size: 25x20' Sun: Full sun

Water: Occasional deep watering.

Care: Prune lower branches to elevate the base

of the canopy and make multi-stems.

Drought/Heat: Tolerant

Notes: Ancient Greece used to form remedy for snakebite; Persia used gum to fill dental cavities.



Mulga (Acacia eneura; "Dream Seed")

Size 20x12' Sun: Full sun

Water: Regular-deep to increase growth rate. Care: Prune lower branches to elevate the base

of the canopy.

Drought/Heat: Tolerant

Notes: Broadleaf evergreen with needle-like, silvery-gray foliage. Dark red branches become darker brown at maturity. Produces golden yell, puffy blooms that appear 2-4 times a year.



Mexican Fan Palm (Washingtonia robusta)

Size: up to 100x15' Sun: Full sun.

Water: Keep damp for @ 3 months, then water

sparingly during Summer.

Care: Remove dead frons; annual feeding.

Drought/Heat: Resistant

Notes: Do not plant near buildings. Susceptible to rot from over watering. Prune dead fronds.



Palo Blanco/Mariosousa (Acacia) willardiana

Size: 15x20'

Sun: Full sun a must.

Water: Little to no water, except during

drought/dry spells.
Drought/Heat: Tolerant.

Notes: Semi-evergreen woody perennial with graceful spreading with age. Cream colored power-puff ball flowers;; brown fruit pods.

REMOVE basal suckers in Spring.



Pineapple Guava (Feijoa Sellowiana)

Size: 15x12'

Sun: Full sun to partial shade; does not like

afternoon sun in AZ.

Water: Little water, except during drought/dry

spells.

Drought/Heat: Tolerant.



Texas Ebony (Ebenopsis ebano) or Mexican (Havardia mexicana) Ebany

Size: 20x20'

Sun: Full to filtered shade Water: Low except first year

Notes: Mexican Ebony is taller than the Texas variety. Mexican Ebony is deciduous while Texas Ebony is semi-deciduous. Slow growth. Full sun

to filtered shade. Thorns.



Texas Mountain Laurel "Mescal Bean" (Sophora secundiflora)

Size: 15x10'

Sun: Full sun to partial sun Water: Low water after first year

Drought/Heat: Tolerant Notes: Bean pods

Common Area Only Trees



Chinese "Evergreen Elm" (Ulmus parvifolia)

Size: 35x35' Sun: Full

Water: Deep infrequent after first year Care: Prune lower branches and move excess

weight on branches as it grows

Drought/Heat: Tolerant



Desert Museum Palo Verde (Cercidium hybrid)

Size: 30x40' Sun: Full sun

Water: Little to moderate water.

Care: Prune to enhance form; remove crossing

branches.

Drought/Heat: Tolerant

Notes: Over watering creates a weak root system and top-heavy tree. Plant deep to avoid cracking concrete AND 20' from buildings and other large

trees



Jacaranda (Jacaranda Mimosifolia)

Size: 45x30' Sun: Full to partial

Water: Medium; water frequently when temp

>94F

Care: In AZ prune to single trunk to reduce heat

exposure.

Drought/Heat: Tolerant

Notes: Messy for several weeks each year while

blooming



Afghan Pine "Desert Pine or Mondell Pine (Pinus eldarica)

Size: 40x15-20' Sun: Full sun

Water: Low to moderate watering.

Care: Annual feeding; trim lower branches

Drought/Heat: Tolerant

Notes: Must be planted in sandy, good drainage

soil to avoid disease.



Live Oak (Uercus virginiana)

Size: 40x100' Sun: Full

Water: Soak daily for 2wks, then every three days for remainder of Summer. Move drip heads further and further away from trunk to force root

growth.

Care: Prune limbs to distribute weight

Drought/Heat: Tolerant of desert heat and cold.
Notes: "Southern" variety can thrive in desert
with lawn-watering schedule. Concrete and
Pavement must be at least 20' from trunk.

Deep tap root with shallow lateral roots 4-7 times

size of crown.

Pines at South Mountain Plant Palette May 2021

Common Name/Botanical Name	Size	Flower	Growth	Water	Liter	Sun/Shade	Comments
	Ht. x W.	Color	Rate	Use			
Shrubs, Ground Cover, Cati and Succulents							
Agave/various species	2 x 2	n/a	Slow	Low	Min	Full	
Aloe/various species	4 x 5	n/a	Mod	Low	Min	Full/Part	
Arizona Rosewood/Vauquelina Californica	8 x 6	Cream	Slow-Mod	L-M	Min	Full/Part	
Arizona Yellow Bell/Tecoma stans	9 x 9	Yellow	Fast	Low-Mod	Min	Full/Part	
Autum Sage/Salvia greggii	3 x 3	Varies	Moderate	L-M	Min	Full	
Baja Fairy Duster/Calliandra californica	5 x 5	Red	Mod	L-M	Min	Full	
Baja Ruellia/Ruellia peninsularis	4 x 5	Purple	Mod	L-M	Min	Full	
Black Dalea/Dalea Frutescens	3 x 5	Purple	Mod-Fast	L-M	Min	Full	
Bougainvilla/Bougainvillea brasiliensis	20 x 10	Varies	Fast	Low	Min	Full	
Bottle Brush/Callistemon viminalis	3 x 5	Red	Mod	Low	Min	Full	
Candelilla/Euphorbia antisyphilitica	1 x 2	Pink/White	Mod	Mod	Min	Full/Part	
Cape Honeysuckle/Tecomaria capensis	8 x 6	Red orange	Mod	Low	Min	Full	
Carissa-Garden Carpet/Boxwood	2 x 2	n/a	Mod	Mod	Min	Full/Part	
Chaparral Sage/Salvia clevelandii	4 x 6	Blue	Mod	L-M	Min	Full	
Chihuahuan Sage/Leucophyllum laevigatum	5 x 6	Purple	Fast	L-M	Min	Full	
Chuparosa/Justicia californica	6 x 12	Red	Mod	L-M	Min	Part	
Common Myrtle/Myrtus communis	12 x 6	n/a	Mod	Mod	MIn	Full/Part	
Compact Myrtle/M. communis compacta	2 x 3	White	Mod	L-M	Min	Full/Part	
Deer Grass/Muhlenbergia regens	3 x 4	Brown	Fast	Mod	Min	Full	
Desert Lavender/Condea emoryi	1 x 2	Purple	Med	Low	Min	Full	
Desert Spoon/Dasylirion wheeleri	4 x 4	White	Slow	Low	Min	Full	
Elephant Food or Jade/Crassula ovata or Portulacaria afra	12 x 6	n/a	Med	Low	Min	Full	Succulent
Emu Bush/Erempohila maculata	5 x 5	various	Mod	Low	Min	Full	
Feathery Cassia/Cassia artemisioides	5 x 5	Yellow	Fast	L-M	Min	Full/Part	
Giant Hesperaloe/Hesperaloe funifera	6 x 6	White	Mod	Low	Min	Full	
Gold Coin/Asteriscus	1 x 4	Yellow	Mod	L-M	Min	Shade	
Grass Tree/Dasylirion longissimum	10 x 6	White/Cream	Slow	Mod	Min	Full	
Green Cloud Sage/Leucophyllum frutescens(Texas Ranger)	8 x 6	Purple	Fast	L-M	Min	Full/Part	
Heavenly Bamboo/Nandina Domestica	8 x 4	White	Slow/Mod	L-M	Min	Full/Part	Drought Resistant
Hibiscus Hardy/Hibiscus moscheutos	3 x 5	Various	Mod	Mod	Min	Full/Part	· ·
Hop Bush/Dodonaea viscosa	15 x 15	Yellow Green	Mod	L-M	Min	Full/Part	Evergreen
Katie Ruellia/Ruellia brittoniana "Katie"	1.5 x 2	Purple	Mod	L-M	Min	Full/Part	Evergreen
Lantana - all species	4 x 6	Various	Fast	L-M	Min	Full	3
Mexican or Red Bird of Paradise/Caesalpinia	10 x 8	Yellow	Fast	L-M	Min	Full/Part	
Mexicana or Caesalpinia pulcherrima	8 x 5	Orange	Fast	L-M	Min	Full/Part	
Mexican Honeysuckle or Firecracker Plant/Justicia spicigera	3 x 4	Orange	Mod	L-M	Min	Full/Part	
Natal Plum/Carissa macrocarpa	8 x 5	White	Mod	Mod	Min	Full/Part	
Penstemon - all species	3 x 3	Various	Mod	Low	Min	Full/Part	
I .	6 x 5		Fast				

Pines at South Mountain Plant Palette May 2021

Common Name/Botanical Name	Size	Size Flower Growth			Liter	r Sun/Shade Comments		
	Ht. x W.	Color	Rate	Water Use				
Red Yucca/Hesperaloe parviflora	5 x 2	Coral	Mod	Low	Min	Full		
Rosemary/Rosmarinus lamiaceae	2 x 5	Blue	Mod	L-M	Min	Full	Evergreen	
Silver Leaf Cassia/Cassia artemesoides	6 x 6	Yellow	Fast	L-M	Min	Full	· ·	
Sweet Broom/Cytisus spachianus	8 x 6	Yellow	Fast	Mod	Min	Full	Drought Resistant	
Tree Mallow/Lavatera maritima	8 x 6	Purple	Mod	Mod	Min	Full/Part	· ·	
Totem Pole/Lophocereus schottii monstrosus	10 x 10	Pink	Slow	Low	Min	Full		
TREES								
Arizona/Velvet Mesquite/Prosopis velutina	30 x 20	White	Fast	L-M	Min	Full		
Chaste tree/Vitex agnus-castus	20 x 20	Lavender	Mod	L-M	High	Full		
Desert Fern/Lysiloma microphylla	20 x 20	White	Mod	Low	Min	Full		
Desert Ironwood/Olneya tesota	25 x 15	Lavender	Slow	Low	Low	Full	Evergreen	
Desert Museum Palo Verde/Cercidium hybrid	30 x 40	Yellow	Fast	Low	Min	Full	Semi-evergreen	
Desert Sweet Acacia/Acacia smallii	25 x 20	Yellow	Mod	L-M	High	Full	Drought Resistant	
Desert Willow/Chilopsis linearis	22 x 20	Lilac	Fast	Mod	Min	Full	Drought Resistant	
Leather Leaf Acacia/Acasia craspedocarpia	12 x 15	Yellow	Slow/Mod	Low	Low	Re/Full	Evergreen	
Mastic Tree/Pistacia lentiscus	25 x 20	Green	Slow	Mod	Low	Full	Evergreen	
Mexican Fan Palm/Washtingtonia robusta	100 x 15	n/a	Fast	L-M	Min	Full		
Mulga Acacia eneura	20 x 12	Golden	fFast	L-M	Min	Full	Evergreen	
Pinapple Guava/Feijoa Sellowiana	15 x 12	White/Pink	Mod	Mod	Min	Full/Part	Evergreen	
Texas or Mexican Ebony/Pithecellobium flexicaule	20 x 20	White	Slow	L-M	Min	Full	Drought Resistant	
Texas Mtn Laurel/Mescal Bean/Sophora secundiflora	20 x 20	Purple	Slow	L-M	Min	Full/Part		
COMMON AREA ONLY TREES								
Chinese/Evergreen Elm/Ulmus parvifolia	35 x 35	n/a	Fast	Mod	Min	Full	Semi-evergreen	
Jacaranda/Jacaranda Mimosifolia	45 x 30	Lavender/Blue	Mod-Fast	Mod-High	High	Full		
Afghan Pine /Pinus eldarica	50 x 30	n/a	Fast	Low	Min	Full		
Live Oak/Uercus virginiana	40 x 50	Green	Mod	Mod	Min	Full	Semi-evergreen	
REPLACEMENT ONLY TREES								
Chaste tree/Vitex agnus-castus	20 x 20	Lavender	Mod	L-M	High	Full		
Desert Museum Palo Verde/Cercidium hybrid	25 x 25	Yellow	Fast	Low	Min	Full	Semi-evergreen	
Leather Leaf Acacia/Acasia craspedocarpia	12 x 15	Yellow	Slow/Mod	Low	Low	Re/Full	Evergreen	
Mastic Tree/Pistacia lentiscus	25 x 20	Green	Slow	Mod	Low	Full	Evergreen	
Mulga Acacia eneura	20 x 12	Golden	fFast	L-M	Min	Full	Evergreen	
Texas Mtn Laurel/Mescal Bean/Sophora secundiflora	20 x 20	Purple	Slow	L-M	Min	Full/Part		
REMOVED								
Plant Description	Date	Reference						
Bush Morning Glory	May-21 Agriculture.AZ.GOV Noxious Weeds Jan 2020							

Purple Fountain Grass/Pennisetum setaceum Brazilian Pepper/Schinus terebinthifolius Raddi

May-21 Agriculture.AZ.GOV Noxious Weeds Jan 2020

May-21 NPS.GOV Invasive Plants