

## References and Research

Several resources were used to develop plant descriptions that most closely represent the species that are native in the Desert Mountain area. Many plants have been re-classified since the Desert Mountain approved indigenous plant list was documented. The old and the new names for genus and species are captured, but in the case of family, only the new name is listed.

Sonoran desert plants have developed and adapted to survive extreme temperatures, low rainfall and high evaporation. Some advice for maintaining and sustaining native desert landscape:

- The hardest part about desert gardening with natives is not to do anything.
- Whatever you do, do it slowly and moderately. The plants will adapt.
- If it looks dead, it probably is not. It is just waiting for sufficient moisture or temperature.

Wendy Whitman, Desert Mountain property owner and community volunteer, worked hard to capture the correct species in the photographs and descriptions in the approved indigenous plant section. Errors are possible, any corrections or suggestions can be emailed to the [Community Office](#).

- Southwest Environmental Information Network (SEINet) <http://swbiodiversity.org/seinet/>
- *Southwest Desert Flora* <http://southwestdesertflora.com/>
- *Arizona Flora*, Kearney, Thomas H., Peebles, Robert H., 1979, University of California Press, Berkley, Los Angeles, London
- Ladybird Johnson Wildflower center plant database <https://www.wildflower.org/plants/>

### 8.13 APPROVED PLANT LIST

The Committee has found the plants included in the following list to be inherently compatible with the natural desert existing at Desert Mountain and encourages their use. Any species not contained herein may not be planted or installed without written approval from the Committee. All species of cacti, trees or shrubs not listed below, which have been found to be indigenous to the Desert Mountain area, are acceptable, but their specific uses must be approved by the Committee.

#### 8.13.1 APPROVED INDIGENOUS PLANTS

Only indigenous plants may be used in the Natural Areas and the Transitional Areas outside the site walls. The density and mix of any added indigenous plant material should approximate those found in the general area.

COMMON NAME	BOTANICAL NAME
Trees	Trees
Blue Palo Verde	<i>Cercidium floridum</i>
Crucifixion Thorn	<i>Canotia holacantha</i>
Desert Hackberry	<i>Celtis pallida</i>
Desert Willow, Desert Catalpa	<i>Chilopsis linearis</i>
Foothills Palo Verde	<i>Cercidium microphyllum</i>

**COMMON NAME**

Net Leaf Hackberry, Palo Blanco  
One-Seed Juniper  
Velvet Mesquite

**BOTANICAL NAME**

*Celtis reticulata*  
*Juniperus monosperma*  
*Prosopis velutina* Juliflora)

**Shrubs**

Anderson Thornbush  
Barberry  
Bear Grass  
Brittle Bush  
Bursage  
Canyon Ragweed  
Catclaw  
Catclaw Acacia  
Chuparosa  
Creosote Bush  
Desert Buckwheat  
Desert Ceanothus  
Desert Honeysuckle  
Desert Lavender  
Desert Rock-Pea  
Golden Eye  
Graythorn  
Hopbush  
Indigo Bush  
Jojoba  
Mormon Tea  
Mountain Mahogany  
Ocotillo  
Pineleaf Milkweed  
Pink Fairy Duster  
Ratany  
Redberry Buckthorn  
Scrub Oak  
Sugar Sumac  
Sweetbush  
Thornbush  
Trixis

**Shrubs**

*Lycium andersonii*  
*Berberis haematocarpa*  
*Nolina microcarpa*  
*Encelia farinosa*  
*Ambrosia deltoidea*  
*Ambrosia ambrosioides*  
*Mimosa biuncifera*  
*Acacia greggii*  
*Justicia californica*  
*Larrea tridentata*  
*Eriogonum fasciculatum*  
*Ceanothus greggii*  
*Anisacanthus thurberi*  
*Hyptis emoryi*  
*Lotus rigidus*  
*Viguiera deltoidea*  
*Zizyphus obtusifolia*  
*Dodonaea viscosa*  
*Dalea pulchra*  
*Simmondsia chinensis*  
*Ephedra species*  
*Cercocarpus montanus*  
*Fouquieria splendens*  
*Asclepias linaria*  
*Calliandra eriophylla*  
*Krameria parvifolia*  
*Rhamnus crocea*  
*Quercus turbinella*  
*Rhus ovata*  
*Bebbia juncea*  
*Lycium brevipes*  
*Trixis californica*

COMMON NAME

BOTANICAL NAME

Turpentine Bush  
Wolfberry, Tomatillo  
Wright's Buckwheat

*Ericameria laricifolia*  
*Lycium fremontii*  
*Eriogonum wrightii*

Perennials

Perennials

Aster  
Beard Tongue/Firecracker  
Blackfoot Daisy  
Blue Dick  
Canyon Penstemon  
Coves' Cassia  
Desert Four O'Clock  
Desert Marigold  
Desert Senna  
Dyssodia  
Fleabane Daisy  
Globemallow  
Golden Dyssodia  
Goodings Verbena  
Indian Paintbrush  
Palmer's Penstemon  
Paperflower  
Parry's Penstemon  
Rock Penstemon  
Sacred Datura

*Machaeranthera* species  
*Penstemon eatoni*  
*Melampodium leucanthum*  
*Dichelostemma pulchellum*  
*Penstemon pseudospectabilis*  
*Sennacovesii*  
*Mirabilis multiflora*  
*Baileys multiradiata*  
*Cassia covesii*  
*Dyssodia porophylloides*  
*Erigeron divergens*  
*Sphaeralcea ambigua*  
*Dyssodia pentachaeta*  
*Verbena goodingii*  
*Castilleja chromosa*  
*Penstemon palmeri*  
*Psilostrophe cooperi*  
*Penstemon parryi*  
*Penstemon baccharifolius*  
*Datura meteloides*

Annuals

Annuals

Barestemmed Larkspur  
Chia  
Desert Chicory  
Fleabane Daisy  
Lupine  
Mexican Poppy  
Stickleaf, Blazing Star

*Delphinium scaposum*  
*Salvia columbariae*  
*Rafinesquia* species  
*Erigeron* species  
*Lupinus sparsiflorus*  
*Eschscholzia mexicana*  
*Mentzelia* species

Succulents and Cacti

Succulents and Cacti

Banana Yucca

*Yucca baccata*

**COMMON NAME****BOTANICAL NAME**

Buckhorn Cholla	Opuntia acanthocarpa
Century Plants (Parryi, Toumeyi)	Agave species
Chain Fruit Cholla	Opuntia fulgida
Compass Barrel Cactus	Ferocactus acanthodes
Desert Christmas Cholla	Opuntia leptocaulis
Desert Prickly Pear	Opuntia engelmannii
Desert Spoon	Dasyllirion wheeleri
Fishhook Pincushion	Mammillaria microcarpa
Hedgehog Cactus	Echinocereus engelmannii
Night-Blooming Cereus	Cereus greggi
Pancake Prickly Pear	Opuntia chlorotica
Saguaro	Carnegiea gigantea
Soaptree Yucca	Yucca elata
Teddy Bear Cholla	Opuntia bigelovii

**Grasses**

Fluffgrass  
Purple Threawn

**Grasses**

Erioneuron pulchellum  
Aristida purpurea

**8.13.2 APPROVED NON-INDIGENOUS PLANTS**

Non-indigenous plant materials that normally reach a mature height greater than 25 feet may not be used. Below is a list of plants for use in the PRIVATE AREA (inside site walls) only.

**COMMON NAME****BOTANICAL NAME****Trees**

Abyssinian Acacia  
Apes Earring  
Argentine Mesquite, White Mesquite  
Bird of Paradise  
Honey Mesquite  
Ironwood  
Needle Acacia  
Palo Brea  
Screwbean Mesquite

**Trees**

Acacia Abyssinica  
Pithecollobium bervefolium  
Prosopis alba  
Caesalpinia platyloba  
Prosopis glandulosa  
Olneya tesota  
Acacia eburnia  
Cercidium Praecox  
Prosopis pubescens

COMMON NAME

Sonoran Tree Catclaw  
Sweet Acacia  
Texas Ebony  
Twisted Acacia

**Shrubs**

Apache Plume  
Arizona Rosewood  
Arizona Sophora  
Arizona Yellow Bells  
Autumn Sage  
Bigelow Nolina  
Blue Sage  
Chihuahuan Sage  
Coffeeberry  
Crucifixion Thorn  
Desert Milkweed  
Desert Ruellia  
Desert Salt Bush / Cattle Spinach  
Feather Dalea  
Feathery Cassia  
Fern Acacia  
Firecracker Bush  
  
Flattop Buckwheat  
Four-Wing Salt Bush  
Fragrant Bursera  
Gold Lead Ball Tree  
Gold Medallion Tree  
Green Feathery Cassia  
Gregg Dalea  
Highmass  
Indigo Bush  
Inflated Buckwheat  
Leather Leaf Acacia  
Lemonade Bush

BOTANICAL NAME

*Acacia occidentalis*  
*Acacia farnesiana* (smallii)  
*Pithecollobium flexicaule*  
*Acacia schaffneri*  
*Acacia cavenia*

**Shrubs**

*Fallugia paradoxa*  
*Vauquelinia californica*  
*Sophora arizonica*  
*Tecoma stans*  
*Salvia greggii*  
*Nolina bigelovii*  
*Salvia chamaedryoides*  
*Leucophyllum laevigatum*  
*Rhamnus californica*  
*Holacantha emoryi*  
*Asclepias subulata*  
*Ruellia peninsularis*  
*Atriplex polycarpa*  
*Dalea formosa*  
*Cassia artemisioides*  
*Acacia angustissima*  
*Justicia candidans*  
*Eriogonum fasciculatum* v.  
*polifolium*  
*Atriplex canescens*  
*Bursera fagaroides*  
*Leucaena retusa*  
*Cassia leptophylla*  
*Cassia nemophila*  
*Dalea greggii*  
*Aloysia wrightii*  
*Wislizenus dalea*  
  
*Acacia craspedocarpa*  
*Rhus trilobata*

## COMMON NAME

## BOTANICAL NAME

Limber Bush	<i>Jatropha cardiophylla</i>
Little Leaf Cordia	<i>Cordia parvifolia</i>
Mexican Bird of Paradise	<i>Caesalpinia pulcherrima</i>
Mexican Honeysuckle	<i>Justicia spicigera</i>
Mexican Poinciana	<i>Caesalpinia mexicana</i>
Mueller's Saltbush	<i>Atriplex mulleri</i>
Nevada Salt Bush	<i>Atriplex torreyi</i>
Old Man Salt Bush	<i>Atriplex nummularia</i>
Organillo	<i>Koanophyllon dolicholepis</i>
Quail Bush	<i>Atriplex lentiformis</i>
Red Bird of Paradise	<i>Paradisaea rubra</i>
Red Fairy Duster	<i>Calliandra californica</i>
Senna Artemisioides	<i>Cassia circinnata</i>
Senna Polyantha	<i>Cassia goldmannii</i>
Shrubby Cassia	<i>Cassia wislizenii</i>
Silver Cassia	<i>Cassia phyllodenia</i>
Silver Sage	<i>Salvia argentea</i>
Silver Saltbush	<i>Atriplex rhagodiodes</i>
Texas Cassia	<i>Cassia biflora</i>
Texas Mountain Laurel	<i>Sophora secundiflora</i>
Texas Sage, Texas Ranger	<i>Leucophyllum frutescens</i>
Thread Leaf Groundsel	<i>Senecio douglasii</i>
Thunder Cloud	<i>Leucophyllum candidum</i>
Torrey Saltbush	<i>Atriplex lentiformis</i> var. <i>Torreyi</i>
Velvet Pod Mimosa	<i>Mimosa dysocarpa</i>
Wislizenus Dalea	<i>Dalea wislizeni</i>
White Bursage	<i>Ambrosia dumosa</i>
White Thorn Acacia	<i>Acacia constricta</i>
Willow Leaf Groundsel	<i>Senecio salignus</i>
Woolly Butterfly Bush	<i>Buddleia marrubifolia</i>
Yellow Bird of Paradise	<i>Caesalpinia gilliesii</i>

## Vines

## Vines

Arizona Grape Ivy	<i>Cissus trifoliata</i>
Coral Vine	<i>Antigonon leptopus</i>
Lilac Orchid Vine	<i>Mascagnia lilacina</i>
Old Man's Beard	<i>Clematis drummondii</i>

COMMON NAME	BOTANICAL NAME
Groundcovers	Groundcovers
Evening Primrose	Oenothera biennis
Moss Verbena	Verbena pulchella
Peruvian Verbena	Verbena peruviana
Pink Evening Primrose	Oenothera speciosa
Trailing Acacia	Acacia redolens
Trailing Smoke Bush	Dalea greggii
Perennials	Perennials
Beard Tongue	Penstemon superbus
Evening Primrose	Oenothera biennis
Mealycup Sage	Salvia farinacea
Menodora	Menodora scabra
Mt. Lemmon Marigold	Tagetes lemmoni
Phlox	Phlox tenuifolia
Sandpaper Verbena	Verbena rigida
	Penstemon species
Annuals	Annuals
Arizona Poppy	Kallstroemia grandiflora
Lupine	Lupinus concinnus
Lupine	Lupinus succulentus
Succulents and Cacti	Succulents and Cacti
Beavertail Prickly Pear	Opuntia basilaris
Fishhook Barrel	Ferocactus wislizenii
Golden Barrel Cactus	Echinocactus grusonii
Purple Prickly Pear	Opuntia violacea
Red Yucca	Hesperaloe parviflora
	Aloe species
Grasses	Grasses
Deer Grass	Muhlenbergia rigens
Fluffgrass	Erioneuron pulchellum
Purple Threeawn	Aristida purpurea
Sand Dropseed	Sporobolus cryptandrus

### 8.15 PROHIBITED PLANT LIST

The following may not be planted or maintained anywhere:

- (a) Any species of tree or shrub whose mature height may reasonably be expected to exceed twenty-five feet (25'-0"), with the exception of those species specifically listed as approved by the Committee.
- (b) All Palms (*Palmae*) whose mature height may reasonably be expected to exceed six feet (6'-0") will be prohibited for aesthetic reasons as well as their high maintenance requirements. Dwarf varieties whose mature height may reasonably be expected to be less than six feet (6'-0") will be allowed only in Private Areas within the confines of a private garden and behind site walls.
- (c) All Pines (*Pinus*), Cypress (*Cupressus*), False Cypress (*Chamaecyparis*), Juniper or Cedar (*Juniperus*), except those species specifically approved, whose mature height may reasonably be expected to exceed six feet (6'-0"), will be prohibited for aesthetic reasons. Dwarf varieties, and those whose mature height may reasonably be expected to be less than six feet (6'-0"), may be used immediately adjacent to the entry to a Residence, or in Private Areas within the confines of a private garden and behind site walls.
- (d) Olive trees (*Olea europaea*) will be prohibited for reasons of their profuse production of allergy-producing pollen, as well as for aesthetic reasons.
- (e) Oleanders (*Nerium oleander*) and Thevetia (*Thevetia* species) will be prohibited for aesthetic reasons as well as for their profuse production of allergy-producing pollen. These poisonous plants will also be prohibited for their high maintenance requirements and excessive height. Dwarf varieties may be allowed only in Private Areas within a private garden and behind site walls.
- (f) Fountain Grass (*Pennisetum setaceum*) will be prohibited as a defined weed with the potential to spread throughout the development, and also as a fire hazard.
- (g) All varieties of Citrus will be prohibited for aesthetic reasons. Dwarf varieties are permissible only in Private Areas within the confines of a private garden and behind site walls.
- (h) Common Bermuda Grass (*Cynodon dactylon*) will be prohibited as a defined weed.



- (i) Mexican Palo Verde (*Parkinsonia aculeatra*) will be prohibited as a harbinger of pests and because of its ability to spread throughout the development, thereby altering the present natural desert.
- 0) Desert Broom (*Baccharis sarothroides*) female plants are prohibited as a defined weed with potential to spread throughout the development. Male plants are acceptable provided they are marked (tagged) as such and purchased from a reputable nursery.