



# Arizona Department of Water Resources

## Tucson Active Management Area

### **Low Water Use & Drought Tolerant Plant List**

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Official Regulatory List  
for the  
Tucson Active Management Area  
Fifth Management Plan



## Tucson AMA 5<sup>th</sup> Management Plan Low Water Use and Drought Tolerant Plant List

### Acknowledgements

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## Tucson AMA 5<sup>th</sup> Management Plan Low Water Use and Drought Tolerant Plant List

### Introduction

The Low Water Use and Drought Tolerant Plant Lists (LWUPLs) are developed in collaboration with plant experts and used by the Arizona Department of Water Resources to **regulate landscaping in medians and public rights-of-way irrigated with any amount of groundwater and in other instances as described in the Management Plans<sup>1</sup>** for each of the state's five Active Management Areas (AMAs).

The lists enable the regulated community to identify which plants are permitted in these specific landscapes and enable ADWR to ensure only low water use plant materials are used. The lists are specific to each AMA, as these differ in elevation, temperatures, and precipitation. This is not a comprehensive list of all the plants that could be appropriate for other applications in the AMAs.

### Tucson AMA Management Plans

The restrictions on the plant material allowed in medians and public rights-of-way, and in other instances, are described in the Tucson AMA Fifth Management Plan (5MP). Following are the sections in the Tucson AMA 5MP in which the LWUPL is referenced:

- Section 5-1101(27) and (44), Definitions: Low Water Use & Drought Tolerant Plant List, Water-intensive landscaped area
- Section 5-110(A)(3), Individual User Requirements for Municipal Providers and Individual Users
- Section 5-Appendix 5B. II (4.1), (5.7), and (6.7), Non-Per Capita Conservation Program Best Management Practices
- Section 6.2, Industrial Conservation Programs Description
- Section 6.2.1.2, Additional Conservation Requirements
- Section 6-401(3), Definitions: Low Water Use & Drought Tolerant Plant List
- Section 6-402(4) and (5), Conservation Requirements
- Section 6-403(6), Monitoring and Reporting Requirements: Requirements
- Section 6-501(9) and (18), Definitions: Low water use landscaped area, Turf acres
- Section 6-502(C)(2), Conservation Requirements for All Turf-Related Facilities: Limiting Water-Intensive Landscaped Area
- Section 6-505(B)(1), Allotment Additions: Revegetation Addition
- Section 6-1201(5)(a), Definitions: Water-intensive landscaped area
- Section 6-1203(3), Monitoring and Reporting Requirements

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<sup>1</sup> The 1980 Groundwater Code requires the preparation of a series of water management plans for each AMA that include mandatory conservation programs. The proposed [Fifth Management Plan Draft for the Tucson Active Management Area](#) was issued on January 31, 2022.

# Tucson AMA 5<sup>th</sup> Management Plan Low Water Use and Drought Tolerant Plant List

## How to Use the List

Not every plant listed is suitable to every median, public right-of-way, or low water use landscape situation. It is the responsibility of the regulated stakeholder, landscape designer, landscape architect, or contractor to research plant characteristics and commercial availability and determine which plants are suitable for a specific location and situation.

The Tucson AMA 5MP LWUPL is organized in tables according to plant type (growth form). Plants are placed in the plant type categories where they are most often used. This does not preclude classifying plants in one or more different plant types.

The plant types used in the Tucson AMA 5MP LWUPL are the following:

- Annual
- Cactus & Succulent
- Grass
- Groundcover
- Perennial
- Shrub
- Tree
- Vine

Each table lists the botanical names of the plants in alphabetical order, in addition to their respective common names. Some species include a synonym, or past botanical name, in parenthesis. See *Example 1* below for formatting:

Cactus & Succulent	
Botanical Name (Synonym)	Common Names
<i>Agave filifera</i>	Thread-Leaf Agave, Century Plant, Agave
<i>Agave geminiflora</i>	Twin-Flowered Agave
<i>Agave havardiana</i>	Havard's Century Plant, Havard Agave
<i>Agave macroacantha</i>	Black Spine Agave, Big Spine Agave
<i>Agave mitis (A. celsii)</i>	Mitis Agave, Cliff Agave

*Example 1*

### Steps to Locate Plants in the LWUPL:

1. Identify Plant Type (ex: Annual)
2. Locate Plant Genus (ex: *Chlyismia*)
3. Locate Plant Species (ex: *Chlyismia cardiophylla*)

Alternatively, search for botanical or common names using the Ctrl + F buttons on the computer keyboard or similar digital document search method.

## Tucson AMA 5<sup>th</sup> Management Plan Low Water Use and Drought Tolerant Plant List

### Notes:

- Both botanical and common names reflect the most up to date taxonomy for 2021.
- Genus: If the genus has “spp.” next to the name (ex: *Cosmos* spp.), this means that **any** plant species, hybrid, and/or cultivar under the genus is eligible to be used in a median or right of way irrigated by groundwater in the Tucson AMA.
- Species: Some plant species can be found under more than one plant type.
- See *Appendix A* for Relevant Definitions for the Low Water Use and Drought Tolerant Plant List (p. 20).
- See *Appendix B* for Additional Resources (p. 21).
- See *Appendix C* for Request to Modify or Waive the Requirements (p. 22).

## Tucson AMA 5<sup>th</sup> Management Plan Low Water Use and Drought Tolerant Plant List

<b>Annual</b>	
Botanical Name	Common Names
<i>Dieteria bigelovii</i>	Bigelow's Tansyaster, Purple Aster
<i>Dimorphotheca sinuata</i>	Glandular Cape Marigold, African Daisy, Cape Marigold
<i>Erigeron divergens</i>	Spreading Fleabane, Native Fleabane
<i>Eschscholzia californica</i>	California Poppy
<i>Eschscholzia californica</i> subsp. <i>mexicana</i>	Mexican Gold Poppy
<i>Gaillardia pulchella</i>	Indian Blanket, Fire Wheel, Blanketflower
<i>Linum grandiflorum</i> 'Rubrum'	Scarlet Flax, Red Flax
<i>Linum lewisii</i>	Lewis Flax, Blue Flax, Prairie Flax
<i>Lupinus arizonicus</i>	Arizona Lupine, Lupine
<i>Lupinus sparsiflorus</i>	Coulter's Lupine, Desert Lupine
<i>Lupinus succulentus</i>	Hollowleaf Annual Lupine, Arroyo Lupine
<i>Machaeranthera tanacetifolia</i>	Tanseyleaf Tansyaster, Purple Aster
<i>Phacelia campanularia</i>	Desertbells, Desert Bluebells, Desert Canterbury Bells
<i>Phacelia tanacetifolia</i>	Lacy Phacelia, Tansy Phacelia, Lacy Scorpion-Weed
<i>Plantago</i> spp.	Indianwheat
<i>Salvia columbariae</i>	Chia
<i>Verbesina encelioides</i>	Golden Crownbeard, Crownbeard, Butter Daisy

<b>Cactus &amp; Succulent</b>	
Botanical Name (Synonym)	Common Names
<i>Agave americana</i>	American Century Plant, Century Plant
<i>Agave angustifolia</i> var. <i>marginata</i>	Narrow Leaf Agave
<i>Agave asperrima</i>	Rough Century Plant, Rough-Leaved Agave, Rough Agave
<i>Agave bovicornuta</i>	Cow Horn Agave, Lechuguilla Verde
<i>Agave bracteosa</i>	Spider Agave, Squid Agave
<i>Agave chrysantha</i>	Goldenflower Century Plant, Golden Flower Agave
<i>Agave colorata</i>	Mescal Ceniza, Blue Century Plant
<i>Agave desmettiana</i>	Dwarf Century Plant, Smooth Agave, Smooth Leaf Agave
<i>Agave filifera</i>	Thread-Leaf Agave, Century Plant, Agave
<i>Agave geminiflora</i>	Twin-Flowered Agave
<i>Agave havardiana</i>	Havard's Century Plant, Havard Agave
<i>Agave macroacantha</i>	Black Spine Agave, Big Spine Agave

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<b>Cactus &amp; Succulent</b>	
Botanical Name (Synonym)	Common Names
<i>Agave mitis</i> ( <i>A. celsii</i> )	Mitis Agave, Cliff Agave
<i>Agave montana</i>	Mountain Agave
<i>Agave multifilifera</i>	Chahuiqui
<i>Agave murpheyi</i>	Murphey's Century Plant, Murphey's Agave, Hohokam Agave
<i>Agave ocahui</i>	Ocahui Agave
<i>Agave ovatifolia</i>	Whale's Tongue Agave
<i>Agave palmeri</i>	Palmer's Agave
<i>Agave parrasana</i>	Parras Agave
<i>Agave parryi</i>	Parry's Agave, Century Plant, Agave
<i>Agave parryi</i> var. <i>huachucensis</i>	Huachuca Agave
<i>Agave parviflora</i>	Smallflower Century Plant, Small Flowered Agave
<i>Agave pelona</i>	Mezcal Pelón
<i>Agave potatorum</i>	Butterfly Agave, Drunkard Agave
<i>Agave salmiana</i> var. <i>ferox</i>	Pulque Agave, Salm's Agave
<i>Agave schidigera</i>	Maguey, Thread-Leaf Agave, Agave
<i>Agave shawii</i>	Coastal Agave
<i>Agave striata</i>	Needle-Leaf Agave, Espadín
<i>Agave univittata</i>	McKelvey's Century Plant, Center Stripe Agave, Holly Agave
<i>Agave utahensis</i>	Utah Agave
<i>Agave victoriae-reginae</i>	Queen Victoria Agave, Royal Agave
<i>Agave vilmoriniana</i>	Octopus Agave
<i>Agave weberi</i>	Weber's Agave
<i>Aloe ferox</i>	Cape Aloe, Tree Aloe, Bitter Aloe
<i>Aloe maculata</i>	Tiger Aloe, Mediterranean Aloe, Soap Aloe
<i>Aloe variegata</i>	Partridge Breast Aloe
<i>Aloe vera</i>	Barbados Aloe, Aloe Vera, Medicinal Aloe
<i>Aloe</i> x 'Blue Elf'	Blue Elf Aloe
<i>Asclepias subulata</i>	Rush Milkweed, Desert Milkweed
<i>Bulbine frutescens</i>	Bulbine, Yellow Bulbine, Shrubby Bulbine
<i>Carnegiea gigantea</i>	Saguaro
<i>Cereus hildmannianus</i>	Hedge Cactus, Hildmann's Cereus, Peruvian Cereus
<i>Cylindropuntia bigelovii</i>	Teddy-Bear Cholla
<i>Cylindropuntia versicolor</i>	Staghorn Cholla
<i>Dasyliirion acrotriche</i>	Green Desert Spoon
<i>Dasyliirion leiophyllum</i>	Green Sotol, Green Desert Spoon

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<b>Cactus &amp; Succulent</b>	
Botanical Name (Synonym)	Common Names
<i>Dasyilirion longissimum</i>	Toothless Desert Spoon, Grass Tree, Toothless Sotol
<i>Dasyilirion texanum</i>	Texas Sotol, Green Desert Spoon
<i>Dasyilirion wheeleri</i>	Common Sotol, Sotol, Desert Spoon
<i>Echinocactus grusonii</i>	Golden Barrel, Golden Ball Cactus, Mother-In-Law's Seat
<i>Echinocereus</i> spp.	Hedgehog, Rainbow Cactus
<i>Echinopsis</i> spp.	Easter Lily, Sea Urchin Cactus, Trichocereus Cactus
<i>Euphorbia antisyphilitica</i>	Candelilla, Wax Plant
<i>Euphorbia lomelii</i>	Slipper Flower, Lady's Slipper
<i>Ferocactus</i> spp.	Barrel Cactus
<i>Fouquieria splendens</i>	Ocotillo
<i>Hesperaloe campanulata</i>	Bell Flowering Hesperaloe, Bell Flower
<i>Hesperaloe funifera</i>	New Mexico False Yucca, Giant Hesperaloe, Coahuilan Hesperaloe
<i>Hesperaloe nocturna</i>	Night Flowering Hesperaloe, Night Blooming Hesperaloe
<i>Hesperaloe parviflora</i>	Redflower False Yucca, Red Yucca, Red Hesperaloe
<i>Hesperoyucca whipplei</i>	Chaparral Yucca, Our Lord's Candle
<i>Lophocereus schottii</i>	Senita Cactus, Senita
<i>Lophocereus schottii</i> f. <i>monstrosus</i>	Totem Pole Cactus
<i>Mamillaria</i> spp.	Pincushion Cactus, Fishhook Cactus
<i>Nolina beldingii</i>	Belding's Nolina, Sotol, Palmita
<i>Nolina bigelovii</i>	Bigelow's Nolina, Beargrass
<i>Nolina lindheimeriana</i>	Devil's Shoestring, Lindheimer's Nolina
<i>Nolina matapensis</i>	Tree Beargrass, Sonoran Beargrass
<i>Nolina microcarpa</i>	Sacahuista, Beargrass
<i>Nolina nelsonii</i>	Blue Nolina, Nelson's Beargrass
<i>Nolina parryi</i>	Parry's Beargrass
<i>Nolina texana</i>	Texas Sacahuista, Beargrass, Basket Grass
<i>Opuntia basilaris</i>	Beavertail Pricklypear, Beavertail Cactus
<i>Opuntia engelmannii</i>	Cactus Apple, Engelmann's Pricklypear, Desert Pricklypear
<i>Opuntia ficus-indica</i>	Barbary Fig, Indian Fig, Tuna Cactus
<i>Opuntia macrocentra</i>	Black Spine Prickly Pear
<i>Opuntia microdasys</i>	Angel's-Wings, Bunny Ears Pricklypear
<i>Opuntia santa-rita</i>	Santa Rita Pricklypear, Purple Pancake, Purple Pricklypear



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<b>Cactus &amp; Succulent</b>	
<b>Botanical Name (Synonym)</b>	<b>Common Names</b>
<i>Opuntia santa-rita</i> 'Tubac'	Santa Rita Pricklypear 'Tubac', Purple Pancake, Purple Pricklypear
<i>Pachycereus marginatus</i>	Mexican Fence Post, Mexican Organ Pipe
<i>Peniocereus greggii</i>	Arizona Queen of the Night
<i>Portulacaria afra</i>	Elephant Bush, Elephant Food
<i>Ruschia uncinata</i>	Ruschia
<i>Stenocereus thurberi</i>	Organ Pipe Cactus, Arizona Organ Pipe
<i>Tephrocactus articulatus</i>	Pinecone Pricklypear, Spruce Cones
<i>Yucca aloifolia</i>	Aloe Yucca, Spanish Bayonet, Dagger Plant
<i>Yucca baccata</i>	Banana Yucca, Blue Yucca, Fleshy-Fruited Yucca
<i>Yucca baileyi</i>	Navajo Yucca, Yucca, Standley Yucca
<i>Yucca brevifolia</i>	Joshua Tree
<i>Yucca constricta</i>	Buckley's Yucca, Buckley Yucca
<i>Yucca elata</i>	Soaptree Yucca, Soapweed Yucca, Palmilla
<i>Yucca faxoniana</i>	Eve's Needle, Giant Dagger Yucca, Faxon Yucca
<i>Yucca filifera</i>	St. Peter's Palm, Mexican Tree Yucca, Tree Yucca
<i>Yucca glauca</i>	Soapweed Yucca, Narrow Leaf Yucca, Plains Yucca
<i>Yucca harrimaniae</i>	Spanish Bayonet, Harriman's Yucca
<i>Yucca pallida</i>	Twistleaf Yucca, Pale Leaf Yucca, Pale Yucca
<i>Yucca rigida</i>	Blue Yucca, Mexican Blue Dagger Yucca
<i>Yucca rostrata</i>	Beaked Yucca, Big Bend Yucca
<i>Yucca schidigera</i>	Mojave Yucca, Spanish Dagger, Mohave Yucca
<i>Yucca schottii</i>	Schott's Yucca, Mountain Yucca, Hoary Yucca
<i>Yucca thompsoniana</i>	Thompson's Yucca, Beaked Yucca, Thompson Yucca
<i>Yucca torreyi</i>	Torrey's Yucca
<i>Yucca treculeana</i>	Don Quixote's Lace, Spanish Dagger, Palma Pita

<b>Grass</b>	
<b>Botanical Name</b>	<b>Common Names</b>
<i>Achnatherum hymenoides</i>	Indian Ricegrass
<i>Aristida purpurea</i>	Purple Three-Awn
<i>Bothriochloa barbinodis</i>	Cane Bluestem, Cane Beardgrass, Pitted Beardgrass

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<b>Grass</b>	
Botanical Name	Common Names
<i>Bouteloua</i> spp.	Grama Grass
<i>Cathastecum erectum</i>	False Grama
<i>Dasyochloa pulchella</i>	Low Woollygrass, Fluffgrass
<i>Digitaria californica</i>	Arizona Cottontop, Cottontop, California Cottontop
<i>Eragrostis intermedia</i>	Plains Lovegrass
<i>Heteropogon contortus</i>	Tanglehead
<i>Hilaria belangeri</i>	Curly-Mesquite, Curly Mesquite Grass
<i>Hilaria mutica</i>	Tobosagrass
<i>Hilaria rigida</i>	Big Galleta, Big Galleta Grass
<i>Leptochloa dubia</i>	Green Sprangletop
<i>Muhlenbergia capillaris</i> 'Regal Mist'	Regal Mist, Regal Mist Deergrass
<i>Muhlenbergia dumosa</i>	Bamboo Muhly, Giant Muhly
<i>Muhlenbergia emersleyi</i>	Bullgrass, Bull Muhly
<i>Muhlenbergia lindheimeri</i> 'Autumn Glow'	Autumn Glow Muhly
<i>Muhlenbergia porteri</i>	Bush Muhly, Porter's Muhly
<i>Muhlenbergia rigens</i>	Deergrass, Deer Muhly
<i>Muhlenbergia rigida</i>	Purple Muhly, Purple Muhlenbergia
<i>Nassella tenuissima</i>	Finestem Needlegrass, Mexican Feather Grass, Mexican Thread Grass
<i>Pappophorum mucronulatum</i>	Whiplash Pappusgrass, Pappusgrass
<i>Pennisetum setaceum</i> 'Cupreum'	Red Fountain Grass, Purple Fountain Grass
<i>Sporobolus airoides</i>	Alkali Sacaton, Alkali Dropseed
<i>Sporobolus contractus</i>	Spike Dropseed
<i>Sporobolus cryptandrus</i>	Sand Dropseed
<i>Sporobolus flexuosus</i>	Mesa Dropseed
<i>Sporobolus wrightii</i>	Big Sacaton, Big Alkali Sacaton, Giant Sacaton
<i>Trichloris crinita</i>	False Rhodes Grass, Two-Feather Trichloris
<i>Tridens muticus</i>	Slim Tridens

<b>Groundcover</b>	
Botanical Name	Common Names
<i>Baccharis hybrid</i> 'starn'	Thompson Broom
<i>Calylophus hartwegii</i>	Hartweg's Sundrops, Calylophus, Yellow Evening Primrose
<i>Cephalophyllum alstonii</i> 'Red Spike'	Red Spike Ice Plant
<i>Convolvulus sabatius</i>	Ground Morning Glory, Bindweed, Blue Rock Bindweed

## Tucson AMA 5<sup>th</sup> Management Plan Low Water Use and Drought Tolerant Plant List

<b>Groundcover</b>	
<b>Botanical Name</b>	<b>Common Names</b>
<i>Dalea capitata</i>	Yellow Dalea
<i>Dalea greggii</i>	Gregg's Prairie Clover, Trailing Indigo Bush, Trailing Dalea
<i>Euphorbia myrsinites</i>	Myrtle Spurge, Euphorbia
<i>Gazania rigens</i>	Treasure-Flower, Trailing Gazania
<i>Glandularia peruviana</i> ( <i>Verbena peruviana</i> )	Peruvian Verbena
<i>Glandularia tenuisecta</i> 'Edith'	Moss Verbena
<i>Lantana montevidensis</i>	Trailing Shrub Verbena, Trailing Lantana
<i>Malephora crocea</i>	Coppery Mesemb, Croceum, Gray Ice Plant
<i>Malephora lutea</i>	Rocky Point Ice Plant
<i>Myoporum parvifolium</i>	Slender Myoporum, Purple Myoporum
<i>Oenothera berlandieri</i>	Mexican Evening Primrose, Showy Evening Primrose, Berlandier Primrose
<i>Oenothera stubbei</i>	Saltillo Evening Primrose, Chihuahuan Primrose
<i>Osteospermum fruticosum</i>	Shrubby Daisybush, Trailing African Daisy
<i>Pentzia incana</i>	African Sheepbush, Karoo Bush
<i>Phyla nodiflora</i>	Turkey Tangle Fogfruit, Lippia
<i>Santolina chamaecyparissus</i>	Lavender Cotton, Gray Santolina
<i>Sesuvium verrucosum</i>	Verrucose Sea-Purslane, Sea Purslane, Ice Plant
<i>Teucrium chamaedrys</i> 'Prostratum'	Prostrate Germander, Creeping Germander, Germander
<i>Verbena rigida</i>	Tuberous Vervain, Sandpaper Verbena, Purple Verbena
<i>Zauschneria californica</i>	Hummingbird Trumpet, Hummingbird Flower

<b>Perennial</b>	
<b>Botanical Name (Synonym)</b>	<b>Common Names</b>
<i>Acmispon rigidus</i>	Shrubby Deervetch, Desert Deerweed, Deer Vetch
<i>Amsonia grandiflora</i>	Arizona Bluestar, Large-Flowered Blue Star
<i>Bahia absinthifolia</i>	Hairyseed Bahia, Desert Daisy, Bahia
<i>Baileya multiradiata</i>	Desert Marigold, Desert Bailey, Wild Marigold
<i>Berlandiera lyrata</i>	Lyreleaf Greeneyes, Chocolate Flower
<i>Centaurea cineraria</i>	Dusty Miller, Silver Dust
<i>Datura wrightii</i> ( <i>D. meteloides</i> , <i>D. innoxia</i> )	Sacred Thorn-Apple, Sacred Datura, Jimson Weed

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<b>Perennial</b>	
<b>Botanical Name (Synonym)</b>	<b>Common Names</b>
<i>Dicliptera resupinata</i>	Arizona Foldwing, Native Dicliptera
<i>Gaillardia aestivalis</i> var. <i>winkleri</i>	Winkler's Blanketflower, Winkler Gaillardia
<i>Gaillardia pinnatifida</i>	Red Dome Blanketflower, Blanketflower
<i>Glandularia gooddingii</i>	Southwestern Mock Vervain, Goodding Verbena
<i>Glandularia tenera</i>	South American Mock Vervain, Moss Verbena, Rock Verbena
<i>Melampodium leucanthum</i>	Plains Blackfoot, Blackfoot Daisy
<i>Mirabilis multiflora</i>	Colorado Four O'Clock, Desert Four O'Clock, Giant Four O'Clock
<i>Oenothera caespitosa</i>	Tufted Evening Primrose, White Evening Primrose
<i>Penstemon ambiguus</i> var. <i>laevissimus</i>	Pink Plains Penstemon
<i>Penstemon amphotellae</i>	Mexican Blue Penstemon
<i>Penstemon baccharifolius</i>	Baccharisleaf Beardtongue, Cutleaf Penstemon, Rock Penstemon
<i>Penstemon barbatus</i>	Beardlip Penstemon, Beardtongue Penstemon, Scarlet Penstemon
<i>Penstemon cardinalis</i>	Cardinal Beardtongue, Cardinal Penstemon
<i>Penstemon cobaea</i>	Cobaea Beardtongue, Foxglove Penstemon
<i>Penstemon eatonii</i>	Firecracker Penstemon, Eaton Beardtongue, Firecracker Beardtongue
<i>Penstemon fendleri</i>	Fendler's Penstemon
<i>Penstemon grandiflorus</i>	Large Beardtongue, Large-Flowered Penstemon
<i>Penstemon palmeri</i>	Palmer's Penstemon
<i>Penstemon parryi</i>	Parry's Beardtongue, Parry's Penstemon
<i>Penstemon pinifolius</i>	Pine-Needle Beardtongue, Pineleaf Penstemon
<i>Penstemon pseudospectabilis</i>	Desert Penstemon, Canyon Penstemon
<i>Penstemon spectabilis</i>	Showy Penstemon, Royal Penstemon
<i>Penstemon strictus</i>	Rocky Mountain Penstemon
<i>Penstemon subulatus</i>	Hackberry Beardtongue, Little Beardtongue
<i>Penstemon superbus</i>	Superb Beardtongue, Superb Penstemon, Coral Penstemon
<i>Penstemon triflorus</i>	Heller's Beardtongue, Hill Country Penstemon
<i>Penstemon wrightii</i>	Wright's Beardtongue, Wright's Penstemon, Texas Rose

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<b>Perennial</b>	
Botanical Name (Synonym)	Common Names
<i>Psilostrophe cooperi</i>	Whitestem Paper Flower, Paper Flower
<i>Psilostrophe tagetina</i>	Woolly Paper Flower, Paper Flower
<i>Ruellia simplex</i>	Britton's Wild Petunia, Purple Ruellia, Dwarf Ruellia
<i>Salvia farinacea</i>	Mealycup Sage, Texas Violet
<i>Salvia greggii</i>	Autumn Sage, Red Chihuahan Sage
<i>Salvia leucantha</i>	Mexican Bush Sage, Purple Mexican Bush Sage
<i>Santolina virens</i>	Green Santolina
<i>Senecio bicolor</i> subsp. <i>cineraria</i>	Dusty Miller, Silver Plant, Silver Ragwort
<i>Senna covesii</i>	Coues' Cassia, Desert Senna, Rattlebox Senna
<i>Sphaeralcea ambigua</i>	Desert Globemallow, Globemallow, Sore-Eye Poppy
<i>Tagetes lemmonii</i>	Lemmon's Marigold, Mountain Marigold
<i>Tetraneris acaulis</i>	Stemless Four-Nerve Daisy, Angelita Daisy, Arizona Actinea
<i>Thymophylla acerosa</i>	Prickly-Leaf Dogweed, Scrubby Dogweed, Dyssodia
<i>Thymophylla pentachaeta</i>	Five-Needle Pricklyleaf, Golden Dyssodia, Golden Fleece
<i>Wedelia acapulcensis</i> var. <i>hispida</i>	Hairy Wedelia, Rough Zexmenia, Devil's River
<i>Zephyranthes</i> spp.	Zephyrlily, Rain Lily, Zephyr Flower
<i>Zinnia acerosa</i>	Desert Zinnia, Dwarf Zinnia, Spinyleaf Zinnia
<i>Zinnia grandiflora</i>	Rocky Mountain Zinnia, Plains Zinnia, Prairie Zinnia

<b>Shrub</b>	
Botanical Name	Common Names
<i>Abutilon palmeri</i>	Palmer's Indian Mallow, Superstition Mallow, Indian Mallow
<i>Acacia angustissima</i>	Prairie Acacia, White Ball Acacia, Fern Acacia
<i>Acacia cultriformis</i>	Knife Acacia, Knife-Leaf Acacia
<i>Acacia notabilis</i>	Notable Wattle, Notable Acacia, Flinders Wattle
<i>Acacia redolens</i>	Bank Catclaw, Prostrate Acacia, Trailing Acacia
<i>Aloysia gratissima</i>	Whitebrush, Bee Brush, Fragrant Bush
<i>Aloysia wrightii</i>	Wright's Bee Brush, Oreganillo
<i>Ambrosia deltoidea</i>	Triangle Bur Ragweed, Triangle-Leaf Bursage, Burrobush

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<b>Shrub</b>	
Botanical Name	Common Names
<i>Ambrosia dumosa</i>	Burrobush, White Bursage
<i>Anisacanthus quadrifidus</i>	Wright's Desert Honeysuckle, Flame Honeysuckle, Flame Anisacanthus
<i>Anisacanthus thurberi</i>	Thurber's Desert Honeysuckle, Desert Honeysuckle
<i>Artemisia ludoviciana</i>	White Sagebrush, White Sage, Prairie Sage
<i>Asclepias linaria</i>	Pine-Needle Milkweed, Pine Leaf Milkweed
<i>Atriplex canescens</i>	Fourwing Saltbush, Wing-Scale, Chamiso
<i>Atriplex lentiformis</i>	Big Saltbush, Quail Bush, Lens Scale
<i>Atriplex lentiformis</i> subsp. <i>breweri</i>	Quailbush, Brewer Saltbush
<i>Atriplex nummularia</i>	Bluegreen Saltbush, Old Man Saltbush
<i>Atriplex polycarpa</i>	Cattle Saltbush, Desert Saltbush
<i>Atriplex semibaccata</i>	Australian Saltbush, Berry Saltbush, Creeping Saltbush
<i>Baccharis sarothroides</i> (male varieties only)	Desertbroom
<i>Bahiopsis parishii</i>	Parish's Goldeneye, Golden Eye
<i>Bebbia juncea</i>	Sweetbush, Chuckwalla's Delight, Sweetbush Bebbia
<i>Berberis harrisoniana</i>	Harrison's Barberry, Kofa Mountain Barberry, Barberry
<i>Berberis trifoliolata</i>	Algerita, Wild Currant, Chapparal Berry
<i>Buddleja marrubifolia</i>	Woolly Butterfly Bush, Butterfly Bush
<i>Caesalpinia gilliesii</i>	Bird-of-Paradise Shrub, Yellow Bird of Paradise, Desert Bird of Paradise
<i>Caesalpinia pulcherrima</i>	Pride-of-Barbados, Red Bird of Paradise
<i>Calliandra californica</i>	Tabardillo, Baja Fairy Duster, Baja Red Fairy Duster
<i>Calliandra eriophylla</i>	Fairy Duster, False Mesquite, Pink Fairy Duster
<i>Calliandra peninsularis</i>	Red Calliandra, Baja Fairy Duster, Fairy Duster
<i>Callistemon citrinus</i>	Crimson Bottlebrush, Lemon Bottlebrush
<i>Carpobrotus edulis</i>	Hottentot Fig, Ice Plant
<i>Cassia eremophila</i>	Scented Senna, Green Cassia, Desert Cassia
<i>Celtis pallida</i>	Spiny Hackberry, Desert Hackberry
<i>Chrysactinia mexicana</i>	Damianita, Damianita Daisy
<i>Condalia warnockii</i> var. <i>kearneyana</i>	Kearney's Snakewood, Condalia, Mexican Pincushion
<i>Convolvulus cneorum</i>	Bush Morning Glory, Silverbush
<i>Cordia parvifolia</i>	Small-Leaf Geiger Tree, Little-Leaf Cordia

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Shrub	
Botanical Name	Common Names
<i>Dalea bicolor</i> var. <i>argyrea</i>	Silver Prairie Clover, Dalea Bicolor, Silver Dalea
<i>Dalea frutescens</i>	Black Prairie Clover, Black Dalea
<i>Dalea pulchra</i>	Santa Catalina Prairie Clover, Indigo Bush, Bush Dalea
<i>Dalea versicolor</i> var. <i>sessilis</i>	Oakwoods Prairie Clover, Wislizenus Dalea, Indigo Bush
<i>Dodonaea viscosa</i>	Florida Hopbush, Hopbush, Hopseed Bush
<i>Encelia californica</i>	California Brittlebush
<i>Encelia farinosa</i>	Brittlebush
<i>Ephedra nevadensis</i>	Nevada Jointfir, Ephedra, Mormon Tea
<i>Eremophila decipiens</i>	Emu Bush, Poverty Bush
<i>Eremophila laanii</i> 'pink beauty'	Emu Bush
<i>Eremophila maculata</i> 'valentine'	Valentine Emu Bush, Red Eremophila
<i>Ericameria laricifolia</i>	Turpentine Bush, Larchleaf Goldenweed, Ericameria
<i>Eriogonum fasciculatum</i>	Eastern Mojave Buckwheat, California Buckwheat, Flattop Buckwheat
<i>Eriogonum wrightii</i>	Bastardsage, Wright Buckwheat
<i>Euphorbia rigida</i>	Blue Euphorbia, Gopher Plant
<i>Fraxinus greggii</i>	Greg's Ash, Little Leaf Ash
<i>Gossypium harknessii</i>	Wild Cotton, San Marcos Hibiscus, Gossypium
<i>Guaiacum coulteri</i>	Guayacán
<i>Gutierrezia sarothrae</i>	Broom Snakeweed, Snakeweed
<i>Hamelia patens</i>	Scarlet Bush, Texas Firecracker Bush, Fire Bush
<i>Hibiscus coulteri</i>	Desert Rosemallow, Yellow Hibiscus, Coulter's Hibiscus
<i>Hyptis albida</i>	Desert Lavender
<i>Hyptis emoryi</i>	Desert Lavender
<i>Jatropha cardiophylla</i>	Sangre de Cristo, Limberbush
<i>Jatropha dioica</i>	Leatherstem, Jatropha
<i>Juniperus sabina</i>	Savin, Sabine Juniper
<i>Justicia californica</i>	Beloperone, Chuparosa
<i>Justicia candicans</i>	Arizona Water-Willow, Red Justicia, Red Jacobinia
<i>Justicia fulvicoma</i>	Mexican Plume
<i>Justicia spicigera</i>	Mohintli, Firecracker Bush, Mexican Honeysuckle

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<b>Shrub</b>	
Botanical Name	Common Names
<i>Lantana camara</i> and cultivars	Lantana, Bush Lantana
<i>Larrea tridentata</i>	Creosote Bush, Greasewood
<i>Leucophyllum</i> spp.	Texas Sage, Texas Ranger
<i>Lycium andersonii</i>	Water Jacket, Desert Wolfberry, Anderson Thornbush
<i>Lycium exsertum</i>	Arizona Desert-Thorn, Thornbush, Wolfberry
<i>Lycium fremontii</i>	Fremont's Desert-Thorn, Wolfberry, Desert-Thorn
<i>Lycium pallidum</i>	Pale Desert-Thorn, Desert-Thorn, Rabbit-Thorn
<i>Maireana sedifolia</i>	Pearl Bluebush, Bluebush
<i>Maytenus phyllanthoides</i>	Florida Mayten, Mangle Dulce
<i>Mimosa dysocarpa</i>	Velvetpod Mimosa, Velvetpod
<i>Myrtus communis</i>	Myrtle, Roman Myrtle
<i>Nandina domestica</i>	Sacred Bamboo, Heavenly-Bamboo
<i>Nerium oleander</i>	Oleander, Laurel
<i>Pittosporum tobira</i>	Mock Orange
<i>Poliomintha maderensis</i>	Lavender Spice
<i>Punica granatum</i>	Pomegranate
<i>Pyracantha</i> spp.	Pyracantha, Firethorn
<i>Quercus gambelii</i>	Gambel Oak
<i>Rhus microphylla</i>	Littleleaf Sumac, Desert Sumac
<i>Rhus ovata</i>	Sugar Sumac, Sugarbush
<i>Rhus trilobata</i>	Skunkbush Sumac, Three Leaf Sumac
<i>Rhus virens</i>	Evergreen Sumac
<i>Rosmarinus officinalis</i>	Rosemary, Bush Rosemary, Trailing Rosemary
<i>Ruellia californica</i>	Sonoran Desert Ruellia
<i>Ruellia peninsularis</i>	Baja Ruellia
<i>Salvia chamaedryoides</i>	Blue Sage, Blue Chihuahuan Sage
<i>Salvia clevelandii</i>	Fragrant Sage, Cleveland Sage
<i>Salvia dorrii</i>	Purple Sage, Mojave Sage, Desert Sage
<i>Salvia hybrid</i>	Trident, Carl Nielson Sage
<i>Salvia mohavensis</i>	Mojave Sage
<i>Senegalia berlandieri</i>	Guajillo, Berlandier Acacia
<i>Senegalia greggii</i>	Catclaw Acacia, Gregg's Catclaw Acacia, Catclaw
<i>Senna artemisioides</i>	Silver Senna, Silvery Cassia, Feathery Cassia, Wormwood Senna
<i>Senna lindheimeriana</i>	Velvet Leaf Senna, Senna, Showy Senna



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Shrub	
Botanical Name	Common Names
<i>Senna purpusii</i>	Baja Senna, Baja California Senna
<i>Senna wislizeni</i>	Wislizenus' Senna, Shrubby Cassia, Shrubby Senna
<i>Simmondsia chinensis</i>	Jojoba, Goat Nut, Wild Hazel
<i>Tecoma capensis</i>	Cape Honeysuckle
<i>Tecoma stans</i>	Yellow Trumpetbush, Arizona Yellow Bells
<i>Teucrium fruticans</i>	Shrubby Germander, Bush Germander
<i>Trixis californica</i>	American Threefold, Trixis
<i>Vachellia constricta</i>	Whitethorn Acacia, Mescat Acacia
<i>Vachellia farnesiana</i>	Sweet Acacia, Southwestern Sweet Acacia
<i>Vachellia rigidula</i>	Blackbrush Acacia
<i>Vauquelinia corymbosa</i>	Slimleaf Rosewood, Narrow-Leaf Rosewood, Mexican Rosewood
<i>Viguiera stenoloba</i>	Resinbush, Skeleton-Leaf Goldeneye
<i>Xylosma congesta</i>	Dense Logwood, Xylosma

Tree	
Botanical Name	Common Names
<i>Acacia aneura</i>	Mulga
<i>Acacia craspedocarpa</i>	Leather-Leaf Acacia, Waxleaf Acacia
<i>Acacia pendula</i>	Weeping Acacia
<i>Acacia salicina</i>	Cooba, Willow Acacia, Willow-Leaf Acacia
<i>Acacia saligna</i>	Orange Wattle, Weeping Wattle, Wattle Tree
<i>Acacia stenophylla</i>	Dalby Myall, Pencil Leaf Acacia, Shoestring Acacia
<i>Acca sellowiana</i>	Feijoa, Pineapple Guava
<i>Allocasuarina verticillata</i>	Drooping She-Oak, Coast Beefwood
<i>Bauhinia lunarioides</i>	Chihuahuan Orchid Tree, Texasplume
<i>Brachychiton populneus</i>	Bottle Tree
<i>Brahea armata</i>	Mexican Blue Palm, Mexican Blue Fan Palm, Blue Hesper Palm
<i>Caesalpinia cacalaco</i>	Cascalote
<i>Caesalpinia mexicana</i>	Mexican Holdback, Mexican Bird of Paradise, Yellow Bird of Paradise
<i>Casuarina cunninghamiana</i>	River She-Oak, Australian Pine
<i>Celtis reticulata</i>	Netleaf Hackberry, Western Hackberry, Canyon Hackberry
<i>Ceratonia siliqua</i>	St. John's Bread Tree, Carob
<i>Cercis canadensis var. mexicana</i>	Mexican Redbud, Western Redbud,
<i>Chamaerops humilis</i>	European Fan Palm, Mediterranean Fan Palm

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Tree	
Botanical Name	Common Names
<i>Chilopsis linearis</i>	Desert Willow, Desert Willow 'Warren Jones', Desert Willow 'Lucretia Hamilton'
<i>Chitalpa</i> 'Morning Cloud'	Morning Cloud Chitalpa
<i>Condalia globosa</i>	Bitter Snakewood, Bitter Condalia
<i>Cordia boissieri</i>	Anacahuita, Texas Olive
<i>Cupressus arizonica</i>	Arizona Cypress, Rough-Barked Arizona Cypress
<i>Cupressus arizonica</i> var. <i>glabra</i>	Smooth Bark Cypress
<i>Dalbergia sissoo</i>	Indian Rosewood, Rosewood, Sissoo Tree
<i>Dermatophyllum secundiflorum</i>	Mescal Bean, Texas Mountain Laurel
<i>Ebenopsis ebano</i>	Texas Ebony
<i>Eucalyptus camaldulensis</i>	River Redgum, Red River Gum
<i>Eucalyptus campaspe</i>	Silver-Top Gimlet, Silver Gimlet
<i>Eucalyptus erythronema</i>	Red-Flowered Mallee
<i>Eucalyptus formanii</i>	Forman's Eucalyptus, Eucalyptus
<i>Eucalyptus leucoxylon</i> 'Rosea'	Pink Ironbark
<i>Eucalyptus microtheca</i>	Coolibah, Tiny Capsule Eucalyptus, Flooded Box
<i>Eucalyptus papuana</i>	Ghost Gum
<i>Eucalyptus polyanthemos</i>	Redbox, Silver Dollar Gum
<i>Eucalyptus rudis</i>	Western Australian Flooded Gum, Desert Gum
<i>Eucalyptus sargentii</i>	Salt River Mallee, Salt River Gum
<i>Eucalyptus spathulata</i>	Swamp Mallee, Narrow-Leaf Gimlet
<i>Eysenhardtia orthocarpa</i>	Tahitian Kidneywood, Kidneywood
<i>Eysenhardtia texana</i>	Texas Kidneywood, Kidneywood
<i>Fouquieria columnaris</i>	Boojum Tree
<i>Fouquieria macdougalii</i>	Mexican Tree Ocotillo, Chunari
<i>Fraxinus velutina</i>	Fan Tex Ash
<i>Geijera parviflora</i>	Australian Willow
<i>Geoffroea decorticans</i>	Chañar, Chilean Palo Verde
<i>Havardia mexicana</i>	Mexican Ebony, Palo Chino
<i>Havardia pallens</i>	Haujillo, Tenaza, Apes-Earring
<i>Juglans major</i>	Arizona Walnut
<i>Juniperus chinensis</i>	Chinese Juniper, Juniper
<i>Juniperus deppeana</i>	Alligator Juniper, Alligator Bark Juniper
<i>Koeberlinia spinosa</i>	Crown of Thorns, Crucifixion Thorn
<i>Leucaena retusa</i>	Little-Leaf Leadtree, Golden Leadball, Golden Ball Lead Tree

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Tree	
Botanical Name	Common Names
<i>Lysiloma watsonii</i> var. <i>thornberi</i>	Little-Leaf False Tamarind, Desert Fern, Feather Tree
<i>Mariosousa willardiana</i>	Willard's Acacia, Palo Blanco
<i>Myrospermum sousanum</i>	Arroyo Sweetwood
<i>Olea europaea</i>	Olive, Fruitless Olive
<i>Olneya tesota</i>	Desert Ironwood, Tesota, Ironwood
<i>Parkinsonia florida</i>	Blue Palo Verde
<i>Parkinsonia hybrid</i> 'Desert Museum'	Desert Museum Palo Verde
<i>Parkinsonia microphylla</i>	Yellow Palo Verde, Foothill Palo Verde, Little-Leaf Palo Verde
<i>Parkinsonia praecox</i>	Palo Brea, Palo Verde
<i>Parkinsonia x sonorae</i>	Sonoran Palo Verde
<i>Phoenix canariensis</i>	Canary Island Date Palm
<i>Phoenix dactylifera</i>	Date Palm, True Date Palm
<i>Pinus brutia</i> var. <i>eldarica</i>	Afghan Pine, Mondell Pine
<i>Pinus edulis</i>	Two-Needle Pinyon, Pinyon Pine, Nut Pine
<i>Pinus halepensis</i>	Aleppo Pine
<i>Pinus monophylla</i>	Single-Leaf Pinyon Pine, Single-Needle Pinyon, Nut Pine
<i>Pinus pinea</i>	Italian Stone Pine
<i>Pinus roxburghii</i>	Chir Pine, Indian Longleaf Pine
<i>Pistacia atlantica</i>	Mt. Atlas Mastic Tree, Mt. Atlas Pistache
<i>Pistacia atlantica x integerrima</i>	Red Push Pistache
<i>Pistacia chinensis</i>	Chinese Pistache
<i>Pistacia lentiscus</i>	Mastic Tree
<i>Pistacia texana</i>	Texas Pistache, American Pistachio
<i>Pistacia vera</i>	Pistachio Nut, Pistachio
<i>Pittosporum phillyraeoides</i>	Willow Pittosporum
<i>Prosopis hybrid</i>	South American Mesquite
<i>Prosopis glandulosa</i>	Honey Mesquite, Texas Honey Mesquite, Western Honey Mesquite
<i>Prosopis pubescens</i>	Screwbean Mesquite, Tornillo
<i>Prosopis velutina</i>	Velvet Mesquite
<i>Quercus arizonica</i>	Arizona White Oak
<i>Quercus buckleyi</i>	Texas Red Oak
<i>Quercus emoryi</i>	Emory Oak
<i>Quercus fusiformis</i>	Texas Live Oak, Escarpment Live Oak
<i>Quercus ilex</i>	Holly Oak
<i>Quercus muehlenbergii</i>	Chinquapin Oak
<i>Quercus polymorpha</i>	Netleaf White Oak, Monterey Oak

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Tree	
Botanical Name	Common Names
<i>Quercus suber</i>	Cork Oak
<i>Quercus turbinella</i>	Sonoran Scrub Oak, Shrub Live Oak
<i>Quercus virginiana</i>	Live Oak, Southern Live Oak
<i>Sambucus nigra</i> subsp. <i>cerulea</i>	Blue Elderberry, Mexican Elderberry
<i>Sapindus saponaria</i> var. <i>drummondii</i>	Western Soapberry, Soapberry
<i>Sapindus saponaria</i> var. <i>saponaria</i>	Wing-leaf Soapberry, Soapberry
<i>Schinus molle</i>	Peruvian Peppertree, California Peppertree
<i>Senegalia occidentalis</i>	Sonoran Cat Claw
<i>Ulmus parvifolia</i> and cultivars	Little Leaf Elm, Lacebark Elm
<i>Ungnadia speciosa</i>	Mexican Buckeye
<i>Vachellia bravoensis</i>	Schaffner's Wattle, Bravo Acacia, Twisted Acacia
<i>Vauquelinia californica</i>	Arizona Rosewood
<i>Vitex agnus-castus</i>	Lilac Chastetree, Chastetree, Monk's Pepper
<i>Washingtonia filifera</i>	California Fan Palm
<i>Washingtonia robusta</i>	Washington Fan Palm
<i>Ziziphus jujuba</i>	Chinese Jujube, Chinese Date, Common Jujube

Vine	
Botanical Name	Common Names
<i>Antigonon leptopus</i>	Coral Vine, Queen's Wreath, Mexican Mountain Creeper
<i>Bougainvillea</i> spp.	Bougainvillea
<i>Callaeum macropterum</i>	Hillyhock, Yellow Orchid Vine, Butterfly Vine
<i>Campsis radicans</i>	Trumpet Creeper, Common Trumpet Creeper
<i>Cissus trifoliata</i>	Sorrelvine, Grape Ivy, Desert Grape Ivy
<i>Dolichandra unguis-cati</i>	Catclawvine, Cat's Claw Vine
<i>Mascagnia lilacina</i>	Purple Orchid Vine
<i>Merremia aurea</i>	Yellow Morning Glory Vine, Yucca Vine
<i>Passiflora arida</i>	Fetid Passionflower, Passion Vine, Baja Passion Vine
<i>Rosa banksiae</i>	Lady Banks Rose, Tombstone Rose

## Appendix

### A. Relevant Definitions for the Low Water Use and Drought Tolerant Plant List

**Active Management Area:** “A geographical area which has been designated ... as requiring active management of groundwater...” ([Arizona Revised Statutes Title 45-402.2](#))

**Cultivars:** “A cultivar is a cultivated variety (may be called a horticultural variety). Cultivars are [cultivated and] maintained via human intervention.” ([Natural Resources Conservation Service](#))

**Drought tolerant:** “Drought tolerance or drought dormancy refers to desert plants’ ability to withstand desiccation.” ([Arizona-Sonora Desert Museum](#))

**Genus:** Group of plant species with shared physical characteristics.  
- Taxonomic example: *Chlyismia*

**Groundwater:** “Generally, water below the earth’s surface but commonly applied to water in fully saturated soils and geologic formations.” ([Arizona Department of Water Resources](#))

**Hybrid:** “A hybrid is a plant that is a cross between two species. Sometimes this occurs in nature. Other times crosses are made intentionally.” ([Natural Resources Conservation Service](#))

**Median:** “The area between opposing lanes of traffic, excluding turn lanes. Medians in urban and suburban areas can be defined by pavement markings, raised medians, or islands to separate motorized and non-motorized road users.” ([U.S. Department of Transportation, FHWA-SA-17-064](#))

**Public rights-of-way:** “When used within the context of the real property on which transportation facilities and appurtenances to the facilities are constructed or maintained means the lands or interest in lands within the right-of-way boundaries.” ([Arizona Revised Statutes Title 28-101.66](#))

**Species:** Related plants in a genus with separating characteristics.  
- Taxonomic example: *Chlyismia cardiophylla*

**Synonym:** Scientific name that was previously used to identify a plant.

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### **B. Additional Resources**

The Low Water Use and Drought Tolerant Plant List is a regulatory document; its sole purpose is to identify which plants are allowed in medians and public rights-of-way irrigated with any amount of groundwater within the Tucson Active Management Area.

Some additional resources, educational materials, and plant search engines for supplementary information on the listed plant genera, species, taxonomy, and characteristics are included below:

- [Arizona Department of Agriculture Native Plants Law](#) provides plant lists and information regarding use of native plants for landscaping.
- [Arizona State University's Virtual Library of Phoenix Landscape Plants](#) by Dr. Chris Martin provides a reliable list of landscaping plants used in Phoenix and other southwestern cities.
- [Arizona Municipal Water Users Association's Landscape Plants for the Arizona Desert](#) lists plants for landscaping that are well adapted to conditions in central Arizona. Plants may be found using the advanced search engine function. It includes plant characteristics and water needs.
- [Southwest Environmental Information Network's Arizona-New Mexico Chapter](#) lists plant information from various institutions (museums, agencies, universities, etc.) across the Southwest via its data portal and search engine function.
- [The Arboretum at Penn State](#) has a helpful guide to plant nomenclature processes and rules that may aid with botany or landscaping management.
- [The Arizona Native Plant Society](#) has a variety of brochures that provide photos and information (landscaping tips, water use, maintenance, etc.) about plants that are native to Arizona desert regions or are non-native but low water use.
- [University of Arizona Cooperative Extension Master Gardener County Contacts](#) lists county contacts for the University of Arizona's Cooperative Extension Master Gardener program, emphasizing agriculture and gardening.
- [University of Arizona Herbarium](#) is a collection of plant research from across the southwestern United States and northwestern Mexico.
- [United States Department of Agriculture Natural Resources Conservation Service Plants Database](#) provides standardized, up to date information about plants, including characteristics, images and native distribution, among other information.

Additionally, visit ADWR's [Conservation](#) website, as well as the [Arizona Water Facts](#) website, for helpful information on Arizona-friendly landscapes.

## Tucson AMA 5<sup>th</sup> Management Plan Low Water Use and Drought Tolerant Plant List

### **C. Request to Modify or Waive the Requirement**

Pursuant to the Tucson AMA 5MP sections 5-1110(A)(3) and 6-402(5), the ADWR Director may waive the requirement to exclusively use plants on the LWUPL if the water user demonstrates to the satisfaction of the Director that the plants on the list cannot grow in a publicly owned right-of-way because of high elevation or low light conditions, such as a freeway underpass. Those who wish to request a **waiver** of the list should submit their request in writing or by email to the ADWR Director, including the following information:

1. Description of the location of the publicly owned right-of-way
2. Map showing the location of the right-of-way and the place where plants will be located
3. Botanical and common name of the plant under consideration
4. Description of plant's water needs, including references

Additionally, anyone wishing to **add**, **delete**, or **modify** information on the list is encouraged to submit their request in an [Application for Modification](#) to the ADWR Director in writing or email.

**Waiver** and **modification** requests can be sent to:

Kyle Miller, AMA Director  
Arizona Department of Water Resources  
1110 W. Washington St, Suite 310  
Phoenix, AZ 85007  
[kmiller@azwater.gov](mailto:kmiller@azwater.gov)



1110 West Washington St. Ste. 310  
Phoenix, AZ 85007  
[new.azwater.gov](http://new.azwater.gov)  
602-771-8585