

ABQ Backyard Refuge Program • ABQbackyardrefuge.org

Plant List for the Middle Rio Grande Valley, Albuquerque Metro Area, and East Mountains

All plants are suitable for the Middle Rio Grande Valley and Albuquerque Metro Area.

Plants suitable for the **East Mountains** are marked with: ^

Plants best for **container gardening** are marked with: @

Trees from The Nature Conservancy's **Climate Ready Tree** List are marked with: *

Climate ready tree species are those that will thrive in our current and future climate here in Albuquerque, NM as determined by The Nature Conservancy and a coalition of partners.

To learn more about these species, and how to choose the right tree for the right location visit:

<https://www.nature.org/content/dam/tnc/nature/en/documents/Climate-Ready-Trees-Location-Lists-Nov2020.pdf>

To learn more about each of the ABQ Backyard Refuge plants and where they are found around this area, go to our iNaturalist guide:

<https://www.inaturalist.org/guides/13425>



**ABQ Backyard
Refuge Program**

Scientific Name	Common Name	Approx. Size Height x Width	Deciduous or Evergreen	Light Exposure	Water Use	Flowering and Fruiting Seasons	Habitat Value
DESERT ACCENTS							
<i>Agave havardiana</i> ^	Havard Agave	4' X 4'	Evergreen	Full Sun	Dry RW	Spring-Summer	nectar hummingbirds, bats; larval host; seeds for birds
<i>Agave palmeri</i> ^	Palmer's Agave	3' X 4'	Evergreen	Full Sun	Dry RW	Spring-Summer	nectar hummingbirds, bats; larval host; seeds for birds
<i>Agave parryi</i> ssp. <i>neomexicana</i> @	Parry's / Mescal Agave	2' X 2'	Evergreen	Sun/shade	Dry RW	Spring-Summer	nectar hummingbirds, bats; larval host; seeds for birds
<i>Cylindropuntia imbricata</i> ^	Tree / Walkingstick Cholla	8' X 6'	Evergreen	Full Sun	Dry RW	Summer	pollen/nectar bees
<i>Cylindropuntia kleiniae</i> ^	Candle Cholla	8' X 6'	Evergreen	Sun/shade	Dry RW	Summer	pollen/nectar bees
<i>Cylindropuntia leptocaulis</i> ^	Desert / Christmas / Pencil Cholla	4' X 6'	Evergreen	Full Sun	Dry RW	Summer	pollen/nectar bees
<i>Cylindropuntia spinosior</i> ^	Cane Cholla	8' X 6'	Evergreen	Full Sun	Dry RW	Summer	pollen/nectar bees; bird nesting site; thrashers and roadrunners both use chollas for nesting sites
<i>Dasyliirion texanum</i> ^	Texas Sotol	5' X 5'	Evergreen	Sun/shade	Dry RW	Summer	pollen/nectar bees and wasps; bird perch; Say's Phoebe use sotol as a perch often
<i>Dasyliirion wheeleri</i>	Blue Sotol / Desert Spoon	5' X 5'	Evergreen	Sun/shade	Dry RW	Summer	pollen/nectar bees and wasps
<i>Echinocereus coccineus</i> ^@	Scarlet Hedgehog Cactus	10" X 15"	Evergreen	Full Sun	Dry RW	Spring	pollen/nectar bees and hummingbirds
<i>Echinocereus triglochidiatus</i>	Claret Cup	12" X 18"	Evergreen	Full Sun	Dry RW	Spring	pollen/nectar bees and hummingbirds
<i>Fouquieria splendens</i>	Ocotillo	15' X 10'	Deciduous	Full Sun	Dry RW	Spring-Summer	nectar for hummingbirds, bats
<i>Hesperaloe funifera</i>	Giant / Coahuilian Hesperaloe	6' X 5'	Evergreen	Sun	Dry	Summer	nectar for bees and wasps
<i>Hesperaloe parviflora</i> ^@	Red/Yellow-flowering Yucca	3' X 4'	Evergreen	Sun/shade	Dry+	Spring-Summer	pollen/nectar hummingbirds, bees
<i>Nolina microcarpa</i> ^	Sacahuista / Beargrass	5' X 6'	Evergreen	Sun/shade	Dry RW	Spring-Summer	pollen/nectar bees and wasps

Plants suitable for the East Mountain: ^ Plants for container gardening: @

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DESERT ACCENTS (continued)							
<i>Nolina texana</i> ^	Beargrass	4' X 5'	Evergreen	Sun/shade	Dry RW	Spring-Summer	pollen/nectar bees and wasps
<i>Opuntia cacanapa</i> "ellisiana"@	Spineless Prickly Pear	4' X 5'	Evergreen	Full Sun	Dry RW	Spring	pollen/nectar bees and hummingbirds
<i>Opuntia engelmannii</i> ^@	Desert / Engelmann Prickly Pear	5' X 8'	Evergreen	Full Sun	Dry RW	Spring	pollen/nectar bees and hummingbirds
<i>Opuntia macrocentra</i> ^@	Purple Prickly Pear	3' X 3'	Evergreen	Full Sun	Dry RW	Spring	pollen/nectar bees and hummingbirds
<i>Opuntia phaeacantha</i> ^@	Brown-spined Prickly Pear	3' X 5'	Evergreen	Full Sun	Dry RW	Spring	pollen/nectar bees and hummingbirds
<i>Yucca baccata</i> ^	Datil / Banana Yucca	4' X 5'	Evergreen	Full Sun	Dry RW	Spring	Pronuba moth and hummingbirds
<i>Yucca elata</i> ^	Soaptree Yucca	20' X 5'	Evergreen	Full Sun	Dry RW	Spring	Pronuba moth
<i>Yucca glauca</i> ^	Soapweed Yucca	3' X 3'	Evergreen	Full Sun	Dry RW	Spring	pronuba moth pollinator; larval host for Giant Skipper butterfly
WILDFLOWERS							
<i>Achillea millefolium</i> ^@	Yarrow	2' X 2'	Evergreen	Sun/shade	Medium	Summer	nectar for butterflies
<i>Agastache cana</i> ^	Giant Hyssop	2' X 2'	Deciduous	Full Sun	Medium	Summer	nectar for hummingbirds & bees (native bees, great for bumblebees)
<i>Agastache rupestris</i> ^	Licorice Mint	2' X 2'	Deciduous	Full Sun	Dry+	Summer	hummingbirds and bees
<i>Aquilegia chrysantha</i> ^@	Golden Columbine	2' X 2'	Deciduous	Shade	Medium	Spring	nectar for hummingbirds and bees; larval host butterflies
<i>Argemone pleiacantha</i> ^	Prickly Poppy	3' X 2'	Deciduous	Full Sun	Dry RW	Summer	nectar for butterflies; seeds for birds
<i>Asclepias latifolia</i> ^	Broadleaf Milkweed	18" X 18"	Deciduous	Sun/shade	Dry RW	Summer	nectar for butterflies native bees, great for bumblebees; larval food
<i>Asclepias speciosa</i> ^	Showy Milkweed	2' X 2'	Deciduous	Sun/shade	Medium	Summer	nectar for butterflies native bees, great for bumblebees; larval food
<i>Asclepias subverticillata</i> ^	Horsetail Milkweed	2' X 2'	Deciduous	Sun/shade	Dry	Summer	nectar for butterflies, great for bumblebees; larval food
<i>Asclepias tuberosa</i> ^	Butterflyweed	18" X 18"	Deciduous	Part shade	Moist	Summer	nectar for butterflies; larval food
<i>Berlandiera lyrata</i> ^	Chocolate Flower	1' X 2'	Deciduous	Full Sun	Dry RW	Spring-Fall	bees, butterflies nectar; seeds for birds
<i>Calylophus spp.</i> ^	Sundrops	1' X 2'	Deciduous	Full Sun	Dry	Spring-Fall	nectar for hawk moths, bees
<i>Castilleja integra et al</i> ^	Indian paintbrush	1' X 1'	Deciduous	Sun/shade	Dry	Spring-Fall	nectar for hummingbirds and bees; larval host for Checkerspots
<i>Cleome serrulata</i> ^	Rocky Mountain Bee Plant	3' X 1'	Annual	Full Sun	Dry+	Summer-Fall	nectar and pollen for bees; seeds for birds
<i>Dalea purpurea</i> ^	Purple Prairieclover	2' X 2'	Deciduous	Full Sun	Dry+	Summer	nectar & pollen for bees (native bees, great for bumblebees); seeds for birds
<i>Datura wrightii</i> ^	Sacred Datura	2' X 6'	Deciduous	Full Sun	Dry	Summer-Fall	nectar for hummingbirds, bees, and bats
<i>Engelmannia peristenia</i> ^	Engelmann Daisy	2' X 18"	Deciduous	Full Sun	Dry+	Spring-Fall	nectar & pollen for bees & butterflies; seeds for birds
<i>Epilobium garrettii</i> ^	Hummingbird Plant	2' X 3'	Deciduous	Full Sun	Dry+	Summer-Fall	nectar for hummingbirds and bees
<i>Erigeron spp.</i> ^	Fleabane Daisy	1' X 1'	Deciduous	Full Sun	Medium	Spring-Fall	nectar and pollen for bees
<i>Eriogonum spp.</i> ^	Wild Buckwheat	1' X 18"	Evergreen	Full Sun	Dry RW	Summer-Fall	nectar & pollen butterflies & bees; seeds for birds
<i>Gaillardia spp.</i> ^@	Blanketflowers	1' X 1'	Deciduous	Full Sun	Dry	Summer-Fall	butterflies, bumblebees, hummingbirds; seeds for birds
<i>Helianthus annuus</i> ^	Sunflower	varies	Deciduous	Full Sun	Medium	Summer-Fall	pollen & nectar for bees; sunflowers provide great winter cover & seed for birds. Leave standing until spring, then remove last year's growth to make room for new season growth.
<i>Helianthus maximiliani</i> ^	Maximillian Sunflower	6' X 8'	Deciduous	Full Sun	Medium	Summer-Fall	pollen and nectar for bees; fall / winter seed and cover for birds

Plants suitable for the East Mountain: ^ Plants for container gardening: @

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WILDFLOWERS (continued)							
<i>Helianthus petiolaris</i> ^	Prairie Sunflower	3' X 1'	Annual	Full Sun	Dry+	Summer-Fall	pollen and nectar for bees; seeds for birds; winter cover for birds
<i>Heliomeris multiflora</i> ^	Showy Goldeneye	2' X 1'	Deciduous	Full Sun	Medium	Summer-Fall	pollen and nectar for bees; seeds for birds
<i>Liatris punctata</i> ^	Gayfeather	2' X 3'	Deciduous	Full Sun	Dry +	Fall	nectar for butterflies & bees (native bees, great for bumblebees); seeds for birds
<i>Machaeranthera tanacetifolia</i> ^@	Tansy Aster	1' X 1'	Annual	Full Sun	Dry	Spring-Fall	nectar for bees and butterflies; seeds for birds
<i>Melampodium leucanthum</i> ^	Blackfoot Daisy	1' X 1'	Deciduous	Full Sun	Dry	Spring-Summer	bees
<i>Mirabilis multiflora</i> ^	Native Four O'clock	2' X 5'	Deciduous	Full Sun	Dry +	Spring-Fall	nectar for hawkmoths, hummingbirds; birdseeds
<i>Monarda fistulosa</i> ^	Wild Bergamot	18" X 18"	Annual	Sun/shade	Medium	Summer	bees (native bees, great for bumblebees); Culinary herb
<i>Oenothera lindheimeri</i> ^@	Gaura / Lindheimer's Beeblossom	3' X 3'	Deciduous	Full Sun	Medium	Spring-Summer	bees, hawkmoths
<i>Oenothera macrocarpa</i> ^@	Yellow Evening Primrose	1' X 2'	Deciduous	Sun/shade	Medium	Spring	nectar for hawkmoths, bees
<i>Origanum species</i> ^@	Oreganos	1' X 2'	Deciduous	Full Sun	Dry +	Spring-Summer	bees; Culinary herb
<i>Penstemon palmeri</i> ^	Palmer Penstemon	4' X 2'	Evergreen	Full Sun	Dry RW	Spring	hummingbirds; hawkmoths; bees (native bees, great for bumblebees)
<i>Penstemon strictus</i> ^, (+other <i>Penstemon species</i>)	Rocky Mountain Penstemon	2' X 2'	Evergreen	Sun/shade	Dry +	Spring	hummingbirds; checkerspot larval host; native bees
<i>Psilostrophe tagetina</i> ^	Paperflower	16" X 16"	Deciduous	Full Sun	Dry	Spring-Fall	butterflies, bees
<i>Ratibida columnifera</i> ^@	Coneflower / Mexican Hat	32" X 32"	Deciduous	Full Sun	Dry +	Spring-Summer	butterflies, bees; birdseeds
<i>Ruta graveolens</i> ^	Rue	2' X 2'	Evergreen	Full Sun	Medium	Summer	host for Swallowtail larva
<i>Salvia azurea var. grandiflora</i> ^	Pitcher Sage	3' X 3'	Deciduous	Sun/shade	Medium	Summer-Fall	bees, seeds for birds
<i>Salvia darcyi</i> ^	Texas Red Sage	30" X 2'	Deciduous	Full Sun	Dry +	Summer	hummingbirds
<i>Scabrethia scabra</i> ^	Desert Mule's Ear	2' X 3'	Deciduous	Full Sun	Dry RW	Spring-Summer	butterflies, bees; birdseeds
<i>Senecio flaccidus</i> ^	Silver Groundsel	2' X 2'	Deciduous	Full Sun	Dry RW	Spring-Fall	butterflies, bees
<i>Solidago dwarf spp.</i> ^	Dwarf Goldenrod	18" X 2'	Deciduous	Sun/shade	Medium	Summer-Fall	butterflies, bees
<i>Sphaeralcea spp.</i> ^	Globemallow	2' X 2'	Deciduous	Full Sun	Dry RW	Spring-Summer	nectar for bees; larval host for Skipper butterflies
<i>Symphyotrichum ericoides</i> ^	White Heath Aster	2' X 2'	Deciduous	Sun/shade	Medium	Summer-Fall	bees, butterflies nectar; seeds for birds
<i>Thelesperma filifolium</i> ^	Greenthread	18" X 12"	Annual	Full Sun	Dry	Summer	bees
<i>Thymophylla acerosa</i> ^	Wild Marigold	1' X 1'	Deciduous	Full Sun	Dry RW	Spring-Fall	butterflies, bees
<i>Verbena rigida</i> ^	Sandpaper Verbena	1' X 3'	Deciduous	Full Sun	Dry	Summer-Fall	butterflies, bees
<i>Verbesina encelioides</i> ^	Crownsbeard / Cowpen Daisy	2' X 2'	Annual	Full Sun	Medium	Fall	butterflies, bees; birdseeds
<i>Zinnia grandiflora</i> ^	Desert Zinnia	8" X 16"	Deciduous	Full Sun	Dry RW	Summer-Fall	butterflies, bees

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NATIVE GRASSES (Continued)							
<i>Achnatherum hymenoides</i> ^@	Indian Ricegrass	18" X 18"	Deciduous	Full Sun	Dry RW	Spring	Larval food; seeds for birds through winter
<i>Aristida purpurea</i> ^	Purple Threeawn	1' X 1'	Deciduous	Full Sun	Dry RW	Spring	Larval food; seeds for birds through winter
<i>Bouteloua curtipendula</i> ^	Sideoats Grama	30" X 2'	Deciduous	Full Sun	Dry	Summer	Larval food; seeds for birds through winter
<i>Bouteloua gracilis</i> ^	Blue Grama	2' X 2'	Deciduous	Full Sun	Dry	Summer	Larval food; seeds for birds through winter
<i>Muhlenbergia porteri</i> ^@	Bush Muhly	1' X 2'	Deciduous	Full Sun	Dry RW	Summer	Larval food; seeds for birds through winter
<i>Muhlenbergia rigens</i> ^	Deer Grass	4' X 4'	Deciduous	Full Sun	Dry +	Summer-Fall	Larval food; seeds for birds through winter
<i>Muhlenbergia rigida</i> ^@	Purple Muhly	2' X 3'	Deciduous	Full Sun	Dry +	Summer-Fall	Larval food; seeds for birds through winter
<i>Panicum virgatum</i> ^	Switchgrass	4' X 3'	Deciduous	Sun/shade	Medium	Summer-Fall	Larval food; cover and seeds for birds through winter
<i>Pleuraphis jamesii</i> ^	Galleta	14" X 14"	Deciduous	Full Sun	Dry RW	Summer-Fall	Larval food; seeds for birds through winter
<i>Schizachyrium scoparium</i> ^@	Little Bluestem	2' X 2'	Deciduous	Full Sun	Dry +	Summer-Fall	Larval food; seeds for birds through winter
<i>Sorghastrum nutans</i> ^	Indiangrass	4' X 2'	Deciduous	Full Sun	Dry +	Summer-Fall	Larval food; seeds for birds through winter
<i>Sporobolus airoides</i> ^	Alkali Sacaton	2' X 2'	Deciduous	Full Sun	Dry RW	Summer-Fall	Larval food; seeds for birds through winter
<i>Sporobolus cryptandrus</i> ^	Sand Dropseed	2' X 2'	Deciduous	Full Sun	Dry RW	Summer-Fall	Larval food; seeds for birds through winter
<i>Sporobolus wrightii</i> ^	Giant Sacaton	5' X 5'	Deciduous	Full Sun	Medium	Summer-Fall	Larval food; seeds for birds through winter
<i>Stipa tenuissima</i> ^	Threadgrass	2' X 2'	Deciduous	Full Sun	Dry	Summer-Fall	Larval food; bird seeds; winter cover for birds
SHRUBS							
<i>Aloysia wrightii</i> ^	Mexican Oregano / Beebrush	5' X 4'	Deciduous	Full Sun	Dry RW	Spring-Fall	native bees, great for bumblebees)
<i>Amelanchier utahensis</i> ^	Utah Serviceberry	8' X 8'	Deciduous	Full Sun	Dry +	Spring-Summer	bees and songbirds
<i>Amorpha canescens</i> ^	Leadplant	2' X 3'	Deciduous	Full Sun	Dry +	Spring-Summer	bees and songbirds
<i>Amorpha fruticosa</i> ^	False Indigo	10' X 10'	Deciduous	Sun/shade	Medium	Spring-Summer	bees and songbirds
<i>Anisacanthus quadrifidus var. wrightii</i> ^	Flame Anisacanthus	4' X 4'	Deciduous	Sun/shade	Dry RW	Spring-Summer	hummingbirds
<i>Artemisia filifolia</i> ^	Sand Sage	4' X 4'	Evergreen	Full Sun	Dry RW	Summer	cover for quail and many other birds
<i>Atriplex canescens</i> ^	Fourwing Saltbrush	6' X 8'	Evergreen	Full Sun	Dry RW	Summer-Fall	Larval host; food and cover for many birds
<i>Atriplex confertifolia</i> ^	Shadscale	2' X 2'	Evergreen	Full Sun	Dry RW	Summer-Fall	Larval host; food and cover for many birds
<i>Baccharis sarothroides</i>	Desert Broom	6' X 6'	Evergreen	Full Sun	Dry +	Summer-Fall	Larval host; food and cover for many birds
<i>Buddleja marrubiifolia</i>	Woolly butterfly Bush	4' X 4'	Deciduous	Full Sun	Dry +	Summer	butterflies, bees, hummingbirds
<i>Buddleja davidii var. nanhoensis</i> ^	Dwarf butterfly Bush	6' X 4'	Semi-evergreen	Full Sun	Dry +	Spring-Summer	butterflies, bees, hummingbirds
<i>Caesalpinia gilliesii</i>	Yellow Bird of Paradise	10' X 10'	Deciduous	Full Sun	Dry RW	Spring-Summer	hummingbirds, bees
<i>Cercocarpus breviflorus</i> ^	Hairy Mountain Mahogany	10' X 8'	Evergreen	Full Sun	Dry +	Spring-Summer	bees, bird cover; potential bird nest sites as it gets larger.

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SHRUBS (continued)							
<i>Cercocarpus ledifolius</i> ^	Curlleaf Mountain Mahogany	12' + X 10'	Evergreen	Full Sun	Dry +	Spring-Summer	bees; bird cover; potential bird nest sites as it gets larger.
<i>Chamaebatiaria millefolium</i> ^	Fernbush	5' X 6'	Deciduous	Full Sun	Dry +	Spring-Fall	bees, native wasps, butterflies
<i>Chrysactinia mexicana</i>	Damianita	2' X 2'	Evergreen	Full Sun	Dry	Spring-Fall	bees, butterflies
<i>Ephedra spp.</i> ^	Joint-fir / Mormon Tea	2' + X 5' +	Evergreen	Full Sun	Dry RW	Winter	cover, nesting for small birds
<i>Ericameria laricifolia</i>	Turpentine Bush	3' X 4'	Evergreen	Full Sun	Dry RW	Fall	butterflies and bees
<i>Ericameria nauseosa</i> ^	Chamisa / Rubber Rabbitbrush	4' X 5'	Evegray	Full Sun	Dry	Fall	butterflies, winter cover for birds
<i>Eriogonum fasciculatum var. polifolium</i> ^	Flattop Buckwheat	2' X 2'	Evergreen	Full Sun	Dry RW	Summer-Fall	butterflies, bird seeds
<i>Fallugia paradoxa</i> ^	Apache Plume	6' X 7'	Evergreen	Full Sun	Dry RW	Spring-Fall	bees, butterflies; cover and seeds for birds
<i>Fendlera rupicola</i> ^	Cliff Fendlerbush	4' X 4'	Deciduous	Sun/shade	Dry +	Spring	bees; potential bird nest sites as it gets larger.
<i>Garrya wrightii</i> ^	Wright's Silktassel	10' X 10'	Evergreen	Sun/shade	Dry+	Fall	birds fruits
<i>Larrea tridentata</i>	Creosote Bush	6' X 8'	Evergreen	Full Sun	Dry RW	Spring-Fall	bees; seeds for birds
<i>Leucophyllum frutescens 'Compactum'</i>	Compact Ceniza	3' X 4'	Semi-Ever.	Full Sun	Dry +	Spring-Fall	nectar for hummingbirds and bees; larval host for Checkerspot butterflies; cover
<i>Leucophyllum langmaniae</i>	Rio Bravo Rainsage	4' X 4'	Semi-Ever.	Full Sun	Dry +	Spring-Fall	hummingbirds, bees
<i>Mahonia haematocarpa</i> ^	Algerita	8' X 10'	Evergreen	Full Sun	Dry +	Spring-Summer	bees; fruits for birds; nesting, year round cover
<i>Prunus pumila var. besseyi</i> ^	Western Sand Cherry	4' X 4'	Deciduous	Full Sun	Medium	Spring-Summer	bees; fruits for birds; cover
<i>Purshia mexicana</i> ^	Cliffrose	8' X 6'	Evergreen	Full Sun	Dry	Spring-Summer	bees, elfin butterfly larva host; birdseeds; cover
<i>Quercus turbinella</i> ^	Shrub Live Oak	10' + X 10' +	Evergreen	Full Sun	Medium	Summer	butterfly larval food; acorns for birds; cover
<i>Rhus microphylla</i> ^	Littleleaf Sumac	8' x 9'	Deciduous	Full Sun	Dry RW	Spring-Summer	bees; seeds for birds; cover
<i>Rhus trilobata</i> ^	Three-leaf Sumac	6' X 6'	Deciduous	Full Sun	Dry RW	Spring-Summer	bees; seeds for birds; cover
<i>Salix exigua</i> ^	Coyote Willow	8' X 5' +	Deciduous	Sun/shade	Moist	Spring	Food (buds and new leaves) and cover for birds, early source of pollen for native bees; potential bird nest sites as it gets larger.
<i>Salvia chamaedryoides</i>	Mexican Blue / Chihuahua Sage	1' X 3'	Semi-Evergreen	Full Sun	Dry +	Spring-Fall	bees
<i>Salvia dorrii</i> ^	Desert Sage	2' X 3'	Evergreen	Full Sun	Dry	Spring	bees and hummingbirds
<i>Salvia greggii</i>	Autumn or Cherry Sage	2' X 3'	Semi-Evergreen	Full Sun	Dry+	Spring-Fall	bees and hummingbirds
<i>Salvia lycoides x greggii</i> ^	Ultra-Violet' Sage	2' X 2'	Semi-Evergreen	Sun/shade	Dry+	Spring-Fall	bees and hummingbirds
<i>Salvia officinalis</i> ^	Garden Sage	2' X 2'	Evergreen	Full Sun	Medium	Spring	bees; Culinary herb
<i>Salvia mohavensis</i>	Mojave Sage	30" X 3'	Evergreen	Full Sun	Dry+	Spring-Summer	bees and butterflies
<i>Salvia rosmarinus</i>	Rosemary	4' X 4'	Evergreen	Full Sun	Low	Spring-Fall	bees (native bees, great for bumblebees); Culinary herb

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SHRUBS (continued)							
<i>Symphoricarpos albus</i> ^	Snowberry	3' X 3'	Deciduous	Sun/shade	Medium	Summer- Winter	butterfly nectar and larval food; fruit for birds
<i>Ungnadia speciosa</i>	Mexican Buckeye	8' X 10'	Deciduous	Full Sun	Dry +	Spring	butterfly nectar and larval food
<i>Vauquelinia spp.</i> ^	Rosewood	12' X 10'	Evergreen	Full Sun	Dry +	Spring-Summer	bees and butterflies; cover and nesting for birds
<i>Viguiera stenoloba</i> (syn: <i>Sidneya tenuifolia</i>)	Skeletonleaf Goldeneye	3' X 4'	Semi-Evergreen	Full Sun	Dry RW	Summer	bees and butterflies
TREES *more details about Climate Ready Species on the last page							
<i>Acer saccharum var. grandidentatum</i> ^	Bigtooth Maple	25' X 25'	Deciduous	Full Sun	Moist	Spring-Summer	Nesting, roosting for birds; squirrels eat seeds; cover *Climate Ready Species
<i>Arbutus xalapensis</i> *	Texas Madrone	30' X 30'	Evergreen	Full Sun	Medium	Spring-Summer	bees and butterflies; cover and nesting for birds *Climate ready species
<i>Carya illinoensis</i> *	Pecan	70' X 40'	Deciduous	Full Sun	Moist		bees and butterflies; nuts for deer, racoon, fox, birds; host plant for hairstreak butterflies *Climate ready species
<i>Catalpa speciosa</i>	Catalpa	40' X 40'	Deciduous	Full Sun	Medium	Spring	bees, hummingbirds; roosting and nesting
<i>Cedrus deodara</i> ^*	Deodar Cedar	50' X 30'	Evergreen	Sun/shade	Moist	Spring-Winter	butterfly larval host; fruits for birds; cover and nesting *Climate ready species
<i>Cedrus atlantica</i> ^*	Atlas cedar	60' X 40'	Evergreen	Sun/shade	Moist	Spring-Winter	butterfly larval host; fruits for birds; cover and nesting *Climate ready species
<i>Celtis occidentalis</i> ^	Common Hackberry	40' X 40'	Deciduous	Full Sun	Medium	Spring-Summer	butterfly larval host; seeds, roosting, nesting cover for birds
<i>Celtis reticulata</i> ^	Netleaf / Canyon Hackberry	25' X 25'	Deciduous	Full Sun	Dry +	Spring-Summer	Mourning Cloak butterfly larval host; seeds, roosting, nesting cover for birds
<i>Cercis orbiculata</i> (syn. <i>Occidentalis</i>)^*	Western Redbud	10' X 12'	Deciduous	Sun/shade	Medium	Spring	Bumblebees, native solitary bees, wasps, syrphid flies, butterflies, Elfin butterflies; bird roosting and nesting *Climate ready species
<i>Cercis canadensis var. mexicana</i> ^*	Mexican Redbud	15' X 12'	Deciduous	Sun/shade	Medium	Spring	Bumblebees, native solitary bees, wasps, syrphid flies, butterflies, Elfin butterflies; bird roosting and nesting *Climate ready species
<i>Cercis canadensis var. texensis</i> ^*	Texas Redbud	15' X 12'	Deciduous	Sun/shade	Medium	Spring	Bumblebees, native solitary bees, wasps, syrphid flies, butterflies, Elfin butterflies; bird roosting and nesting *Climate ready species
<i>Cercis reniformis texensis</i> ^*	Oklahoma Redbud	15' X 12'	Deciduous	Sun/shade	Medium	Spring	Bumblebees, native solitary bees, wasps, syrphid flies, butterflies, Elfin butterflies; bird roosting and nesting *Climate ready species
<i>Chilopsis linearis</i> ^*	Desert Willow	20' X 25'	Deciduous	Full Sun	Dry RW	Summer-Fall	hummingbirds and orioles; native solitary bees, bumble bees, wasps *Climate ready species
<i>Cotinus obovatus</i> ^*	American Smoketree	30' X 30'	Deciduous	Full Sun	Medium	Summer-Fall	honey bees and butterflies *Climate ready species
<i>Crataegus ambigua</i> ^*	Russian Hawthorn	20' X 20'	Deciduous	Sun/shade	Medium	Spring-Winter	Bee nectar/pollen; Hairstreaks and Viceroy larval host; fruit for birds *Climate ready species
<i>Crataegus crus-galli</i> ^	Thornless Cockspur Hawthorn	15' X 15'	Deciduous	Sun/shade	Moist	Spring-Winter	Bee nectar/pollen; Hairstreak larval host; fruit for birds
<i>Crataegus phaenopyrum</i> ^	Washington Hawthorn	20' X 20'	Deciduous	Sun/shade	Moist	Spring-Winter	Bee nectar/pollen; Hairstreak larval host; fruit for birds

Plants suitable for the East Mountain: ^ Plants for container gardening: @

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Scientific Name	Common Name	Approx. Size Height x Width	Deciduous or Evergreen	Light Exposure	Water Use	Flowering and Fruiting Seasons	Habitat Value
TREES (continued)		*more details about Climate Ready Species on the last page					
<i>Cupressus arizonica</i>	Arizona Cypress	50' X 30'	Evergreen	Full Sun	Medium	Spring-Fall	butterfly larval host; cover, nesting; birdseed
<i>Cydonia oblonga</i> ^	Quince	15' X 15'	Deciduous	Full Sun	Medium	Spring-Summer	honey bees, butterflies; fruits for wildlife
<i>Diospyros kaki</i> *	Japanese Persimmon	30' X 20'	Deciduous	Full Sun	Medium	Spring-Fall	bees; fruits for wildlife *Climate ready species
<i>Diospyros texana</i> *	Texas Persimmon	15' X 15'	Deciduous	Full sun	Medium	Spring-Fall	Bee nectar; Gray Hairstreak & Henry's elfin larval host; fruit for birds *Climate ready species
<i>Ficus carica</i> 'Mission'*	Black Mission Fig	20' X 20'	Deciduous	Sun/shade	Medium	Spring-Fall	Gall wasp; fruits for squirrels, raccoons, deer, birds *Climate Ready Species
" <i>Forestiera neomexicana</i> syn: <i>pubescens</i> var. <i>pubescens</i> ^"	New Mexico Olive	15' X 15'	Deciduous	Sun/shade	Dry +	Spring-Winter	honey bee nectar; native solitary bees; fruit for songbirds *Climate Ready Species
<i>Fraxinus cuspidata</i> ^	Fragrant Ash	20' X 20'	Deciduous	Full Sun	Dry +	Spring-Fall	Swallowtail larval host *Climate Ready Species
<i>Juglans microcarpa</i> ^	Little Walnut	40' X 40'	Deciduous	Full sun	Medium	Spring-Fall	Hairstreak larval host; nuts for squirrels, raccoons, other wildlife *Climate Ready Species
<i>Juniperus chinensis</i> ^	Juniper Trees, females only	25' X 20'	Evergreen	Full Sun	Dry +	Spring-Winter	butterfly larval host; fruits for birds; cover and nesting
<i>Juniperus deppeana</i> ^*	Alligator Juniper	60' X 40'	Evergreen	Full Sun	Dry +	Spring-Winter	butterfly larval host; fruits for birds; cover and nesting *Climate Ready Species
<i>Juniperus monosperma</i> ^*	Oneseed Juniper	15' X 15'	Evergreen	Full Sun	Dry RW	Spring-Winter	butterfly larval host; fruits for birds; cover and nesting *Climate Ready Species
<i>Juniperus virginiana</i> *	Eastern Red Cedar	60' X 40'	Evergreen	Full Sun	Medium	Spring-Winter	Juniper Hairstreak larval host; roosting/nesting; browse; fruits eaten by cedar waxwings *Climate Ready Species
<i>Lagerstroemia indica x fauriei</i> *	Crape Myrtle	15' X 15'	Deciduous	Full Sun	Moist	Summer	hummingbirds, honey bees, native solitary bees, and butterflies *Climate Ready Species
<i>Leucaena retusa</i> *	Golden Ball Leadtree	15' X 15'	Deciduous	Full Sun	Dry +	Summer	bees, butterflies *Climate Ready Species
<i>Malus cultivars</i> ^	Crabapple	varies	Deciduous	Full Sun	Moist	Spring-Winter	nectar for bees (native bees, great for bumblebees); butterfly larval host; fruits for birds; cover and nesting
<i>Morus microphylla</i> *	Littleleaf Mulberry	25' X 25'	Deciduous	Full sun	Dry	Spring-Summer	fruits for birds, squirrels, raccoons, foxes and other wildlife *Climate Ready Species
" <i>Parkinsonia x Cercidium</i> * e.g. <i>Cercidium texanum</i> "	Palo Verde Hybrids	20' X 20'	Evergreen	Full sun	Dry	Spring-Summer	bees pollinate; browse for deer, bighorn sheep, jackrabbits *Climate Ready Species
<i>Pinus aristata</i> ^	Bristlecone Pine	30' X 20'	Evergreen	Full Sun	Medium	Spring-Winter	Elfin butterfly larval hosts; seeds for birds; cover and nesting
<i>Pinus edulis</i> ^	Pinon Pine	30' X 20'	Evergreen	Full Sun	Medium	Spring-Winter	Elfin butterfly larval hosts; seeds for birds; cover and nesting
<i>Pinus eldarica</i> *	Afghan Pine	40' X 18'	Evergreen	Full Sun	Medium	Spring-Winter	Elfin butterfly larval hosts; seeds for birds, cover, and nesting *Climate Ready Species
<i>Pinus flexilis</i> ^	Limber Pine	30' X 20'	Evergreen	Full Sun	Medium	Spring-Winter	Elfin butterfly larval hosts; seeds for birds; cover and nesting
<i>Pinus pinea</i> *	Italian Stone Pine	60' X 50'	Evergreen	Full Sun	Medium	Spring-Winter	Elfin butterfly larval hosts; seeds for birds; cover and nesting *Climate Ready Species

Plants suitable for the East Mountain: ^ Plants for container gardening: @

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Scientific Name	Common Name	Approx. Size Height x Width	Deciduous or Evergreen	Light Exposure	Water Use	Flowering and Fruiting Seasons	Habitat Value
TREES (continued)		*more details about Climate Ready Species on the last page					
<i>Pistacia chinensis</i> ^*	Chinese Pistache	60' X 60'	Deciduous	Full Sun	Medium	Spring-Fall	seeds for White-wing Dove, other birds *Climate Ready Species
<i>Pistacia vera</i> *	Pistachio	25' X 25'	Deciduous	Full Sun	Medium	Spring-Summer	nuts for birds, other wildlife *Climate ready species
<i>Platanus mexicana</i> *	Mexican Sycamore	50' X 30'	Deciduous	Full Sun	Dry	Spring-Fall	Swallowtail larval food; seed for bird *Climate ready species
<i>Platanus wrightii</i>	Arizona Sycamore	60' X 70'	Deciduous	Full Sun	Moist	Spring-Fall	Swallowtail larval food
<i>Platycladus species</i> ^	Arborvitae	15'+ X 12'+	Evergreen	Full Sun	Medium+	Summer- Winter	butterfly larval food; nesting, roosting, seeds for birds
<i>Populus acuminata</i> ^	Mountain / Lanceleaf Cottonwood	50' X 50'	Deciduous	Full Sun	Medium+	Spring-Fall	Swallowtail larval food; insects for many birds; nesting, roosting
<i>Populus deltoides</i> *	Eastern Cottonwood	50' X 60'	Deciduous	Full sun	Moist	Spring-Fall	Swallowtail, Viceroy larval food; insects for many birds; nesting, roosting *Climate ready species
<i>Populus deltoides ssp. wislizeni</i> ^*	Valley Cottonwood	50' X 60'	Deciduous	Full Sun	Medium+	Spring-Fall	Swallowtail larval food; insects for many birds; nesting, roosting *Climate ready species
<i>Prosopis glandulosa</i> *	Honey Mesquite	25' X 30'	Deciduous	Full Sun	Dry +	Spring-Fall	nectar for honey bees, native solitary bees, and butterflies; larval host Marine blue, Reickers blue, and long- tailed skipper; seeds for birds and mammals *Climate ready species
<i>Prosopis pubescens</i> *	Screwbean Mesquite	20' X 20'	Deciduous	Full Sun	Dry RW	Spring-Fall	"nectar for honey bees and native solitary bees, and butterflies *Climate ready species
<i>Prosopis velutina</i> *	Velvet Mesquite	20' X 20'	Deciduous	Full Sun	Dry	Spring-Fall	nectar for honey bees, native solitary bees, and butterflies; larval host for Marine blue butterflies; seeds for birds an mammals *Climate ready species
<i>Prunus americana</i> ^	American Plum	20' X 20'	Deciduous	Sun/shade	Medium	Spring-Summer	Bumblebees, solitary bees, honey bees, wasps, syrphid flies, butterflies; fruits for birds and people
<i>Prunus armeniaca</i> ^	Apricot	20' X 20'	Deciduous	Sun/shade	Medium	Spring-Summer	Bumblebees, solitary bees, honey bees, wasps, syrphid flies; fruits for birds and people
<i>Prunus mexicana</i> *	Mexican Plum	20' X 20'	Deciduous	Sun/shade	Medium	Spring-Summer	Bumblebees, solitary bees, honey bees, wasps, syrphid flies; larval host for Swallowtail and Viceroy butterflies, cecopia moth; fruits for birds and mammals *Climate ready species
<i>Prunus virginiana melanocarpa</i> ^	Chokecherry	20' X 20'	Deciduous	Full Sun	Medium+	Spring-Summer	nectar bees; fruit birds; Admiral butterfly larval host
<i>Ptelea trifoliata</i> ^	Hoptree	20' X 20'	Deciduous	Sun/shade	Medium	Spring-Summer	nectar bees; seeds eaten by birds and small mammals; cover
<i>Punica granatum</i> *	Pomegranate	20' X 15'	Deciduous	Full Sun	Medium	Summer-Fall	nectar for honey bees, hummingbirds; fruit/seed eaten by birds, mammals; cover *Climate ready species
<i>Quercus arizonica</i> *	Arizona White Oak	40' X 40'	Evergreen	Sun/shade	Medium	Spring-Fall	butterfly larval food: Short-tailed skipper, Meridean duskywing; deer browse; acorns for birds, other wildlife *Climate ready species
<i>Quercus buckleyi</i> ^	Texas Red Oak	40' X 40'	Deciduous	Sun/shade	Medium	Spring-Fall	butterfly larval food: Skippers, Hairstreaks; acorns for birds, nesting for birds
<i>Quercus fusiformis</i> *	Escarpment / Texas Live Oak	25' X30'	Evergreen	Sun/shade	Medium	Spring-Summer	butterfly larval food: Skippers, Hairstreaks, Arizona Sister; acorns for birds; cover *Climate ready species

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TREES (continued)		*more details about Climate Ready Species on the last page					
<i>Quercus gambelii</i> ^	Gambel Oak	25' X 25'	Deciduous	Sun/shade	Medium	Spring-Fall	butterfly larval food; acorns for birds, nesting for birds; cover
<i>Quercus gravesii</i> *	Chisos Red Oak	25' X 25'	Deciduous	Sun/shade	Medium	Spring-Fall	butterfly larval food; acorns for birds; cover *Climate ready species
<i>Quercus grisea</i> ^	Gray Oak	30' X 30'	Evergreen	Sun/shade	Dry +	Spring-Fall	butterfly larval food; acorns for birds; cover
<i>Quercus muehlenbergii</i> *	Chinquapin Oak	40' X 40'	Deciduous	Sun/shade	Medium	Spring-Fall	butterfly larval food; acorns for birds, nesting for birds; cover *Climate ready species
<i>Quercus oblongifolia</i> *	Blue Live Oak	25' X 20'	Evergreen	Sun/shade	Dry	Spring-Fall	butterfly larval food; deer browse; acorns for birds, other wildlife; nesting for birds; cover *Climate ready species
<i>Quercus suber</i> *	Cork Oak	50' X 50'	Evergreen	Sun/shade	Dry	Spring-Fall	butterfly larval food; deer browse; acorns for birds, other wildlife; cover *Climate ready species
<i>Quercus virginiana</i> *	Southern Live Oak	50' X 50'	Evergreen	Sun/shade	Medium	Spring-Fall	butterfly larval food; deer browse; acorns for birds, other wildlife; cover *Climate ready species
<i>Rhus lanceolata</i> *	Prairie Flameleaf Sumac	20' X 20'	Deciduous	Sun/shade	Dry +	Spring-Fall	butterfly larval food: Hairstreaks; native solitary bees; seeds for birds; cover *Climate ready species
<i>Sambucus mexicana</i>	Mexican Elder	20' X 25'	Deciduous	Full Sun	Dry +	Spring-Summer	Bee and butterfly nectar; fruits for birds; cover
<i>Salix goodingii</i> *	Goodding's Willow	40' X 25'	Deciduous	Sun/shade	Moist	Spring-Summer	butterfly/moth larval host: Mourning cloak; browse for deer; nesting for birds; cover *Climate ready species
<i>Sapindus saponaria var. drummondii</i> ^*	Western Soapberry	30' X 30'	Deciduous	Full Sun	Dry +	Spring-Summer	bee, native wasp nectar; roosting, nesting; cover *Climate ready species
<i>Styphnolobium japonicum</i> ^	Japanese Pagoda Tree / Scholar Tree	35' X 35'	Deciduous	Sun/shade	Medium	Summer-Winter	Bee nectar; roosting, nesting; cover
<i>Taxodium mucronatum</i> *	Montezuma Cypress	70' X 35'	Evergreen	Sun/shade	Moist	Spring-Fall	"roosting, nesting for birds; cover *Climate ready species
<i>Ulmus X 'Frontier</i> ^*	Frontier Elm	40' X 30'	Deciduous	Full Sun	Medium	Spring-Summer	"butterfly larval food; seeds for birds; cover *Climate ready species
<i>Ulmus X 'Morton' Accolade</i> ^*	Accolade Elm	40' X 30'	Deciduous	Full Sun	Medium	Spring-Summer	"butterfly larval food; seeds for birds; cover *Climate ready species
<i>Ulmus parvifolia</i> *	Lacebark Elm	40' X 40'	Deciduous	Full Sun	Medium	Spring-Summer	"Comma, Question Mark and Angelwing butterfly larval food; cover *Climate ready species
<i>Vitex agnus-castus</i> *	Chaste Tree	20' X 20'	Deciduous	Full Sun	Medium	Summer-Fall	nectar for native Solitary bees, bumblebees, honey bees, butterflies native bees, great for bumblebees), fruits for birds; cover *Climate ready species
<i>Zelkova serrata</i> *	Japanese Zelkova	70' X 70'	Deciduous	Full Sun	Medium	Spring-Summer	"butterfly larval food; nesting, roosting, seeds for birds; cover *Climate ready species
<i>Ziziphus jujuba</i> ^	Jujube	30' X 25'	Deciduous	Full Sun	Medium	Spring-Fall	bee nectar, Syrphid flies, wasps; fruits for birds and mammals; cover *Climate ready species

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VINES							
<i>Campsis radicans</i> ^	Trumpet Vine	Climbing X 40'	Deciduous	Full Sun	Medium+	Summer	hummingbirds, bees and bats
<i>Clematis hybrids</i> ^	Clematis	Climbing X 10'	Deciduous	Sun/shade	Moist	Spring-Summer	Bee, butterfly nectar
<i>Clematis ligusticifolia</i> ^	Western White Clematis	Climbing X 15'	Deciduous	Sun/shade	Medium	Spring-Summer	Native bee nectar
<i>Humulus lupulus var. neomexicanus</i> ^	Common Hop	Climbing X 6'	Deciduous	Sun/shade	Medium+	Summer	butterfly larval host
<i>Lonicera sempervirens</i> ^	Coral Honeysuckle	Climbing X 8'	Deciduous	Shade/part sun	Medium	Spring-Summer	hummingbirds and bees (native bees, great for bumblebees)
<i>Parthenocissus vitacea</i> ^	Woodbine	Climbing X 40'	Deciduous	Sun/shade	Medium	Spring-Summer	nectar for bees; fruit for birds
<i>Passiflora incarnata</i>	Passionflower	Climbing X 15'	Deciduous	Sun/shade	Dry +	Summer	butterfly larval host
<i>Periploca graeca</i> ^	Silk vine	Climbing X 40'	Deciduous	Sun/shade	Medium	Spring-Summer	nectar and larval host for butterflies
<i>Polygonum aubertii</i> ^	Silver Lacevine	Climbing X 40'	Deciduous	Full Sun	Dry +	Spring-Fall	nectar for bees, parasitic wasps
<i>Rosa banksiae</i> ^	Rose Lady Banks	Climbing X 40'	Evergreen	Sun/shade	Dry +	Spring-Winter	cover for birds; nectar for butterflies bees (native bees, great for bumblebees)
<i>Rosa hybrid and species climbers</i> ^	Climbing Roses	Climbing X 15'	Deciduous	Sun/shade	Medium+	Spring-Fall	nectar for bees and butterflies
<i>Vitis arizonica</i> ^	Canyon Grape	Climbing X 20'	Deciduous	Sun/shade	Medium	Spring-Summer	nectar for bees; fruit for birds
<i>Vitis cultivars</i>	Table Grapes	Climbing X 30'	Deciduous	Full Sun	Medium+	Spring-Fall	nectar for bees; fruit for birds
<i>Wisteria spp.</i> ^	Wisteria	Climbing X 20'	Deciduous	Sun/shade	Medium	Spring-Summer	nectar for bees; larval food for Skipper butterflies

ABQ Backyard Refuge Program Plant List for the Middle Rio Grande Valley, Albuquerque Metro Area, and the East Mountains

All plants are suitable for the Middle Rio Grande Valley and Albuquerque Metro Area.

Plants suitable for the **East Mountains** are marked with: ^ Plants suitable for container gardening: @

Tree species from The Nature Conservancy's **Climate Ready Tree** List are marked with: *

Climate ready trees are both native and introduced species that will thrive in our current and future climate here in Albuquerque, NM as determined by The Nature Conservancy and a coalition of partners. To learn more about these species, and how to choose the right tree for the right location download the full list at:

<https://www.nature.org/content/dam/tnc/nature/en/documents/Climate-Ready-Trees-Location-Lists-Nov2020.pdf>

Visit iNaturalist for a guide with pictures and the geographic distribution of each species across our area:

<https://www.inaturalist.org/guides/13425>

Backyard Refuge Plant List General Notes

This list contains information about a few hundred plants that can be a great addition to your backyard refuge. Grasses are larval hosts for butterflies and seed for over-wintering birds; shrubs provide structure, cover and nesting sites as well as nectar and seeds; trees and vines provide layers of canopy cover in addition to specific foods.

The plant list is grouped as succulents, herbaceous (deciduous indicates **perennials** that die back to the ground when dormant, **annuals** indicate plants that generally die after one growing season and often self-sow under favorable conditions).

Approximate sizes are based on suggested watering for 10 + years in the garden. Since wildlife need open spaces as well as more densely planted areas, spacing of plants should be based on mature sizes to avoid diminishing the habitat value of the garden as plants mature.

A mix of deciduous and evergreen plants allow winter cover and increases diversity of visiting and year-round wildlife.

Light exposure describes which plants can provide understory cover and which are the canopy layer.

Water use varies with the soil and exposure (plants need more water on sunny, windy sites); plants may take less water when planted in protected, shady spaces. Generally, larger plants will need water over a wider area as they develop a larger canopy. Rainwater harvesting, directing stormwater into streambeds and basins is beneficial to most plants in the landscape, but only those noted as requiring the most moisture and those native to streambank ecosystems will tolerate standing water for more than a few hours in poorly draining soils.

Dry RW are plants that will thrive on rainwater with little or no irrigation once they are well rooted (typically after 3 or more growing seasons).

Dry are plants that prefer periodic soaking to a depth of 24 to 30 inches monthly during the growing season once well-rooted.

Dry + are plants that might need watering twice monthly in summer especially when rainfall is lacking or in sandy soils.

Medium are plants that may need water every two weeks, May through August, monthly or less during cooler weather.

Medium + are plants that may need water every two weeks April through September, monthly while dormant.

Moist are plants that are native along streams and/or at higher/cooler elevations that may need watering to a depth of 24 to 30 inches weekly, May through August, every two weeks in spring and fall and monthly in winter.

Seasonal Flowering and Fruiting notes help guide you in providing the most diverse year-round habitat.

Habitat Value is a short list of possible visitors/residents the plant will attract to your backyard refuge.

