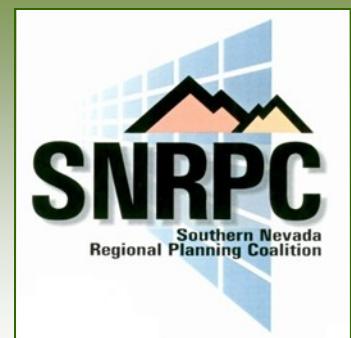


Southern Nevada Regional Planning Coalition

Regional Plant List



*Approved
June 28, 2011*



Acknowledgements

This Regional Plant List has been the effort of literally countless hours of work from members of the Southern Nevada Regional Planning Coalition's (SNRPC) Regional Urban Forestry Work Group and local arboriculture and horticulture experts. Special thanks go to the following individuals for their contributions:

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Table of Contents

Introduction	ii
How to Use the List	ii
Process for Review and Amendment.....	ii
Trees	1
Shrubs	3
Groundcovers.....	5
Vines.....	6
Agaves, Cacti, Succulents, and Yuccas	6
Ornamental Grasses.....	8
Perennials	8
Plants with Special Needs	10
References.....	10

Introduction

The Southern Nevada Regional Planning Coalition (SNRPC) is pleased to present this list of plants that can be adapted to our desert environment in the Las Vegas area for use in new developments and in retrofits to existing developments. It was created by members of the SNRPC's Regional Urban Forestry Working Group in conjunction with local experts including arborists, horticulturists, and urban foresters. Much of the work that went into the creation of this list was built on the foundations of excellent local resources such as the Nevada Division of Forestry's 2007 *Cleaner Air, Tree by Tree* and the 2005 Centennial edition of *Trees for Tomorrow*, a project of the High Desert Resource Conservation & Development Council. Both projects were made possible by grants from the Nevada Division of Forestry and the United States Forest Service.

The intent of this list is to provide a single, region-wide reference for landscape designers, architects and developers to select appropriate plants when designing their projects in the Las Vegas area. In addition, it is a tool for those who review those projects—such as city planners—to determine if those plants meet applicable codes and ordinances. In short—right plant, right place.

This list is not intended to be a list of the only plants allowed in the region, nor is it intended to be an exhaustive, comprehensive list of all desert-appropriate plants. In addition, it is not intended to restrict what plants residents choose to plant in their yards. Rather, we hope that this list will help residents and developers make informed decisions about which plants to choose.

How to Use the List

The list is divided between trees and other plants, including shrubs, groundcovers, vines, succulents and perennials. It is sorted alphabetically by botanical name and includes the common names of the plants. There are several columns of attributes that can be used to determine which plants are appropriate to use in specific situations.

For example, an out-of-state landscape architect is looking to select a Mojave native shrub that can act as a screen or hedge, but is thornless and is highly drought tolerant. A quick look down the attributes reveal a couple of recommendations in *Asclepias subulata* "desert milkweed" and *Foresteria pubescens (neomexicana)* "desert olive," a.k.a. "New Mexico privet."

In another example, a city planner is reviewing a development application that shows an *Arbutus unedo* "strawberry tree" proposed as a tree in a parking lot diamond. A quick review of the tree list reveals that this small tree is not appropriate as a parking lot tree, and the planner is able to recommend several other species that will serve that purpose.

Process for Review and Amendment

The SNRPC Plant List is intended to be a living document and will therefore be open to periodic review and amendment. To that end, the SNRPC Planning Directors shall review the list on an annual basis with input from local plant experts as needed. Any requests to add or delete plants from the list must be submitted to the SNRPC secretary in writing. The request shall include the following information at a minimum: the applicant's name and contact information, the botanical and common name(s) of the plant(s) to be considered, reasons for the plant(s) to be considered, and any supporting documentation. For new plants, supporting documentation shall include the plants' attributes as well as information regarding the plants' history and performance in similar climates. Supporting documentation must be verified by a certified arborist or horticulturist.

KEY																																				
"Bulletproof" : Extremely drought tolerant, cold hardy, and pest and disease resistant once established. Height, Width, Coverage at mature growth. Type : Deciduous, Evergreen, Semi-evergreen Growth Rate : Slow, Medium, Fast Water Use : Very Low, Low, Medium, High Drought Tolerance : Low, Medium, High Exposure : Full sun, Partial shade, Shade		Comments: 1. Organic mulch recommended. 2. Many cultivars. 3. Some species may form dense thickets. 4. Not cold hardy below 28°F. 5. Invasive species. 6. Mojave native. 7. Toxic (parts specified). 8. May be trained as a small tree. 9. Needs a protected site (north facing site or afternoon shade).																																		
BOTANICAL NAME		COMMON NAME			"Bulletproof" (feet)		Height (average) (feet)		Width (average) (sq. feet)		Coverage		D, E, S		S, M, F		Growth Rate		Water Use		L, M, H		Drought Tolerance		Yes or No Spines or Thorns		Yes or No Physical Barrier		Yes or No Hedge or Screen		F, P, S		Exposure		COMMENTS	
PERENNIALS (continued)																																				
<i>Artemisia ludoviciana</i>	Prairie Sage	● 3 3 7 D F L M N N N N F,P 6																																		
<i>A. l. albula</i> 'Silver King'	Silver King Artemisia	● 3 3 7 D F L M N N N N F,P																																		
<i>Artemisia x Powis Castle'</i>	Powis Castle Wormwood	● 2 3 7 E F L M N N N N F,P																																		
<i>Artemisia schmidtiana</i> 'Silver Mound'	Angel's Hair, Silver Mound Artemisia	1 2 3 E M L M N N N N F,P																																		
<i>Astragalus preussii</i>	Preuss' Milkvetch	● 2 2 3 D F VL H N N N N F 6																																		
<i>Baileya multiradiata</i>	Desert Marigold	● 1 2 3 D M L H N N N N F 6																																		
<i>Berlandiera lyrata</i>	Chocolate Flower	● 1 2 3 E F L H N N N N F,P																																		
<i>Convolvulus tricolor</i>	Dwarf Morning Glory	1 2 3 D F L L N N N F,P																																		
<i>Coreopsis lanceolata</i>	Sunray	1 1 1 S F M L N N N N F																																		
<i>Echinacea purpurea</i>	Purple Coneflower	3 2 3 S M M L N N N N F,P 1																																		
<i>Enceliopsis argophylla</i>	Silverleaf Sunray	● 1 1 1 S F VL H N N N N F 6																																		
<i>Epilobium canum</i> (= <i>Zauschneria californica</i>)	Hummingbird Flower	3 4 13 D M L M N N N N F,P 3																																		
<i>Erigeron divergens</i>	Native Fleabane	● 1 3 7 E F VL H N N N N F,P 6																																		
<i>Erigeron karvinskianus</i>	Santa Barbara Daisy, Mexican Daisy	1 3 7 E F L H N N N N F,P																																		
<i>Eschscholzia californica</i>	California Poppy, Golden Poppy	1 1 1 D F L M N N N N F 6																																		
<i>Gaillardia aristata</i> (= <i>grandiflora</i>)	Blanket Flower	2 2 3 E F M L H N N N N F																																		
<i>Gaura coccinea</i>	Scarlet Gaura	● 1 2 3 D F L H N N N N F,P 6																																		
<i>Gaura lindheimeri</i>	Gaura	3 4 13 D M M L N N N N F,P 2																																		
<i>Gazania rigida</i>	Gazania	1 1 1 E M L M N N N N F,P																																		
<i>Iberis sempervirens</i>	Evergreen Candytuft	1 2 3 E M L L N N N N F,P																																		
<i>Ipomopsis arizonica</i> (= <i>Gilia aggregata</i>)	Skyrocket	● 2 1 1 E F L H N N N N F,P,S 6																																		
<i>Kallstroemia grandiflora</i>	Arizona Poppy, Orange Caltrop	1 1 1 S F L M N N N N F																																		
<i>Lavandula</i> sp.	Lavender	2 3 7 E F M M N N N N F 2																																		
<i>Lepidium fremontii</i>	Desert Alyssum	● 2 2 3 D F VL H N N N N F 6																																		
<i>Liatis spicata</i>	Gayfeather, Blazing Star	2 2 3 S M L M M N N N F,P																																		
<i>Linum lewisii</i>	Blue Flax	2 1 1 D M L M N N N N F 6																																		
<i>Lippia repens</i>	Lippia	1 2 3 S M L M N N N N F,P																																		
<i>Liriopae gigantea</i>	Giant Lily Turf	2 2 3 S F M L N N N N P,S																																		
<i>Liriopae muscaria</i>	Lily Turf	1 1 1 E F M L N N N N P,S																																		
<i>Lobularia maritima</i>	Sweet Alyssum	1 1 1 S M M L N N N N F,P 1																																		
<i>Manfreda maculosa</i>	Texas Tuberoses, Spice Lily	1 1 1 D S,M,L M M N N N P,S																																		
<i>Melampodium leucanthum</i>	Blackfoot Daisy	1 2 3 S M L M N N N N F,P																																		
<i>Oenothera caespitosa</i>	Angel Wing/White Evening Primrose	● 1 2 3 E F M L N N N N F,P 6																																		
<i>Oenothera elata</i> (= <i>O. hookeri</i>)	Hooker's Evening Primrose	3 1 1 D F M M N N N F,P,S 5, 6																																		
<i>Osteospermum fruticosum</i>	African Trailing Daisy, Freeway Daisy	1 4 13 E, S M,F M M N N N F,P,S																																		
<i>Penstemon amophorellae</i>	Mexican Blue Penstemon	1 2 3 S M L M N N N N F,P																																		
<i>Penstemon baccharifolius</i> 'Del Rio'	Del Rio Penstemon	3 3 7 S M L M N N N N F,P																																		
<i>Penstemon barbatus</i>	Scarlet Bugler, Scarlet Beardtongue	4 2 3 E M L M N N N N F,P																																		
<i>Penstemon bicolor</i>	Pinto Beardtongue	● 2 2 3 E F VL H N N N N F 6																																		
<i>P. b. ssp. roseus</i>	Rosy Two-tone Beardtongue	● 2 2 3 S F L H N N N N F,P,S 6																																		
<i>Penstemon eatonii</i>	Firecracker Penstemon	● 3 2 3 E M L H N N N N F,P 6																																		
<i>Penstemon palmeri</i>	Scented Penstemon	● 4 2 3 E F VL H N N N N F 6																																		
<i>Penstemon parryi</i>	Parry's Penstemon	● 2 3 7 E F L H N N N N F,P																																		
<i>Penstemon pseudospectabilis</i>	Canyon Penstemon	● 2 4 13 E F L H N N N N F																																		
<i>Penstemon rostriflorus</i>	Bridge Penstemon	2 1 1 E M L H N N N N F,P 6																																		
<i>Penstemon strictus</i>	Rocky Mountain Penstemon	2 2 3 E F L M N N N N F,P																																		
<i>Penstemon superbus</i>	Superb Penstemon, Coral Beardtongue	4 3 7 E F L, M M N N N N F,P																																		
<i>Penstemon</i> sp.	Penstemon	2 3 7 S M,F L M N N N N F 2																																		
<i>Perovskia atriplicifolia</i>	Russian Sage	● 3 2 3 D M L H N N N N F,P																																		
<i>Psilosstrope cooperi</i>	Paper Flower	● 2 3 7 D F L H N N N N F,P 6																																		
<i>Psilosstrope tagetina</i>	Woolly Paper Flower	● 2 3 7 D F L H N N N N F,P																																		
<i>Ratibida columnifera</i>	Mexican Hat	1 2 3 D F L H N N N N F,P																																		
<i>Rudbeckia hirta</i>	Black-eyed Susan	2 2 3 D F L H N N N N F,P																																		
<i>Ruellia brittoniana</i>	Wild Petunia	2 3 7 E F L H N N N N F,P,S 5																																		
<i>R. b. vars. 'Katie', 'Rosa', 'Blanca'</i>	Dwarf Ruellia	1 2 3 E M M M N N N N F,P																																		
<i>Sphaeralcea ambigua</i>	Globe Mallow	● 3 3 7 S F L H N N N N F,P,S 2, 6																																		
<i>Stanleya pinata</i>	Desert Prince's Plume	● 4 3 7 D F VL H N N N N F 6																																		
<i>Tagetes lemmonii</i>	Mountain Marigold	4 4 13 S F M M M N N N F																																		
<i>Tagetes lucida</i>	Mexican Tarragon, Mexican Marigold	3 3 7 S M,F M M N N N N F,P																																		
<i>Tetraneurus acaulis</i> (= <i>Hymenoxys</i>)	Angelita Daisy	● 1 1 1 E M L, M M N N N N F,P																																		
<i>Thymophylla pentachaeta</i> (= <i>Dyssodia</i>)	Golden Dogbane, Golden Dyssodia	● 1 2 3 E F VL H N N N N F 6																																		
<i>Thymophylla tenuiloba</i> (= <i>Dyssodia</i>)	Dahlberg Daisy	● 1 1 1 E S L H N N N N F																																		
<i>Tulbaghia violacea</i>	Society Garlic	1 1 1 S M M M N N N N F,P																																		
<i>Viguiera parishii</i> (= <i>deltoidaea</i>)	Goldeneye	● 3 3 7 S M VL H N N N N F 6																																		
<i>Xylorhiza tortifolia</i>	Mojave Aster	● 1 1 1 D M VL H N N N N F 6																																		
<i>Zinnia acerosa</i>	Desert Zinnia	● 1 1 1 D F L H H N N N N F,P																																		
<i>Zinnia grandiflora</i>	Prairie Zinnia	1 1 1 D F L H H N N N N F,P																																		

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Enjoy.

