





	Image	Botanical Name	Common Name	Size	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Evergreen / Deciduous	Litter	Tolerates Turf	Comments
1		<i>Fraxinus velutina</i>	Arizona Ash	L	40	30	S-M	M	Deciduous	L,S	Yes	Large shade tree. Trees are dioecious with male and female flowers on separate trees. Male flowers produce pollen and female trees produce winged seeds in the fall. Leaves turn a golden yellow in fall.
2		<i>Pinus eldarica</i>	Mondell Pine	L	40	30	M-F	L-M	Evergreen	L,S	Yes	Does well in turfgrass and with drip irrigation. Tolerates poor soil, but performs best with increased irrigation and fertilization. Moisture stressed trees are susceptible to several pests, some of which can be fatal.
3		<i>Pinus pinea</i>	Italian Stone Pine	L	60	40	S-M	M	Evergreen	L,S	Yes	Has unique rounded crown. Tree is long-lived and adapts well to our desert climate, tolerates poor soils provided it has good drainage. Tree is subject to needle drop mid-summer and aphids early spring and late fall.
4		<i>Pistacia x 'Red Push'</i>	Red Push Pistache	L	35	30	M	M	Deciduous	L,F,S	Yes	Medium sized tree with medium to dark green leaves that turn bright orange, crimson, to scarlet in fall. Tolerates heat, cold, and poor soils, with adequate drainage. Great for turf and street tree applications.




Size: Small (S), Medium (M), Large (L)

Growth Rate: Slow (S), Moderate (M), Fast (F)

Litter: Leaves (L), Flowers (F), Seeds (S)



tree palette

Image	Botanical Name	Common Name	Size	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Evergreen / Deciduous	Litter	Tolerates Turf	Comments
5 	<i>Platanus acerifolia</i>	London Plane	L	75	50	M-F	M-H	Deciduous	L,S	Yes	Resilient to air pollution. Trunk has mottling of colors due to natural continual peeling of bark. Needs ample space for proper growth. Best in turf applications, due to ample water and fertilizer requirements.
6 	<i>Quercus ilex</i>	Holly Oak	M-L	30	30	S-M	M	Evergreen	L,F,S	Yes	Large shade tree that is long lived. Great for parks and large spaces, good form for streets and boulevards. Available as multiple and single trunk. Pruning is essential to develop proper structural form and crown.
7 	<i>Ulmus parvifolia</i>	Lacebark Elm	L	40	40	M	M	Deciduous	L,S	Yes	Deciduous tree in southern Nevada. Tolerates wide range of soil conditions. Tree is relatively insect and disease-free, including resistance to Dutch elm disease and elm leaf beetles.



Size: Small (S), Medium (M), Large (L)

Growth Rate: Slow (S), Moderate (M), Fast (F)

Litter: Leaves (L), Flowers (F), Seeds (S)

# PARKS AND OPEN SPACE

## shrub and groundcover palette

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
1		<i>Abelia grandiflora</i>	Glossy Abelia	5	5	F	M	F,P	Medium-sized, rounded, semi-evergreen shrub with gracefully arching branches with small glossy dark green leaves. Produces clusters of pink-tinged white bell shaped flowers spring through fall.
2		<i>Acacia redolens</i> 'Desert Carpet'	Desert Carpet Acacia	2	12	M	L	F,P	Grey-green leaves with small yellow puff-ball type flowers in the Spring. Drought and heat tolerant. Covers large spaces with fewer plants. Good on banks for erosion control. Good in poor soils.
3		<i>Caesalpinia pulcherrima</i>	Mexican Red Bird of Paradise	6	6	F	L	F	Fast growing shrub. In areas of no frost, will develop into a small tree. Frost sensitive and will dieback during winter months to only quickly recover with warm spring temperatures. Produces stunning orange-red flowers that attract butterflies. Seed pods are toxic.
4		<i>Cassia nemophila</i>	Desert Cassia	6	6	M-F	L-M	F,P	Medium green needle-like foliage with delicate texture which is visually appealing. Large clusters of showy, rounded yellow flowers in the spring with sporadic flowering during summer and fall. Very cold tolerant. May require rejuvenation pruning every 4-6 years.
5		<i>Cotoneaster lacteus</i>	Red Clusterberry	8	12	M	L-M	F,P	Large shrub provides year round interest. Leaves are dark green above and whitish beneath turning to purple-red in the winter. Develops white flowers in the spring, attracting butterflies and bees. Red berries following flowering.
6		<i>Eleagnus x ebbingei</i>	Ebbing's Silverberry	8	8	M	L-M	F,P	Large dense shrub with 2-3 inch leaves that are an olive green with a downy silver cast contrasted by silver underside. Resistant to most diseases and insects. Does well in poor soils as long as well drained. Does best with late afternoon shade.

Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)



# PARKS AND OPEN SPACE

## shrub and groundcover palette

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
7		<i>Ericameria laricifolia</i>	Turpentine Bush	2	3	S	L	F	Compact, evergreen shrub with aromatic linear shaped, ¾ inch long green leaves. Masses of bright yellow flowers appear late summer and fall, followed by tan seed heads. New variety 'Desert Mountain' by Mountain States Wholesale Nursery provides improved features.
8		<i>Eunonymus japonica</i>	Evergreen Euonymus	8	6	S-M	M	P	Large shrub with 2-3 inch long medium to dark green leaves. Inconspicuous white flowers in the spring. Good accent hedge, screen, or pruned into a small tree. Best in amended soils with good drainage. Subject to powdery mildew in high shade and high moisture conditions.
9		<i>Lantana hybrid 'New Gold'</i>	Lantana Hybrid 'New Gold'	2	6	F	M	F	A low, fast growing groundcover that provides brilliant colors from late spring through fall. Plant will dieback during freezing temperatures and recover as temperatures warm in the spring.
10		<i>Leucophyllum candidum 'Silver Cloud'</i>	Silver Cloud Texas Ranger	5	5	M	M	F,P	Silvery foliage contrasts with its purplish-blue flowers as well as with other green plants in the landscape. Flowering is profuse in the spring and in the fall. Can be easily pruned into different shapes and into hedges. Plant requires soil with good drainage to prevent root rot.
11		<i>Leucophyllum candidum 'Thunder Cloud'</i>	Thunder Cloud Texas Ranger	3	4	S	L	F	One of the smallest of the Texas Rangers available. This evergreen shrub is compact with silvery-gray foliage and produces masses of purple flowers several times during the growing season. Plant in full sun and in soils with excellent drainage.
12		<i>Leucophyllum frutescens</i>	Green Cloud Texas Ranger	6	6	M	L	F	A semi-evergreen shrub, moderate to fast growing, cold and drought tolerant, heat loving shrub. Produces rose-pink flowers in the spring and fall. Requires light shearing annually to maintain density. May require rejuvenation pruning every 4-6 years.

Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)



# PARKS AND OPEN SPACE

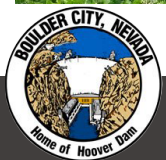
## shrub and groundcover palette

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
13		<i>Leucophyllum frutescens</i>	Texas Ranger (Texas Sage)	6	6	S	L	F	Also known as Texas Sage; however, not a true sage. Drought-tolerant, semi-evergreen shrub with gray-green foliage. Produces large masses of trumpet-shaped purple to lavender-blue flowers in the spring and fall.
14		<i>Leucophyllum langmaniae</i> 'Lynn's Legacy'	Lynn's Legacy Texas Ranger	5	5	S-M	L	F	Evergreen that produces masses of lavender- colored flowers in summer and fall. Flower bloom is more consistent than other Texas Rangers. Requires light shearing annually to maintain density. May require rejuvenation pruning every 4-6 years.
15		<i>Leucophyllum langmaniae</i> 'Rio Bravo'	Rio Bravo Texas Ranger	5	5	S-M	L	F	Smaller than 'Green Cloud Texas Ranger'. Plants maintain a natural rounded form. Develops large blue flowers summer and fall. Tolerates most soil conditions and is heat and drought tolerant.
16		<i>Leucophyllum pruinosum</i> 'Sierra Bouquet'	Sierra Bouquet Texas Ranger	6	6	S	L	F	Moderately large shrub with an open and sprawling form. Foliage is silvery-gray with plants producing intense displays of blue-violet flowers 2-3 times from spring through fall. Flowers have a grape bubble gum scent.
17		<i>Leucophyllum zygophyllum</i>	Cimarron Texas	2-3	2-3	S-M	L-M	F	One of the smallest Texas Rangers. Low growing evergreen perennial with silvery color foliage. Masses of showy lavender-purple flowers produced in the spring, during the monsoon season, and again in the fall.
18		<i>Ligustrum japonicum</i>	Waxleaf Privet	8	8	M	M	F,P	Evergreen shrub with glossy dark green foliage. Fragrant creamy white flowers appear in late-spring, attracting bees and butterflies, followed by bluish-black berries that attract birds in summer. Responds well to shearing and prefers well-drained soils.

Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)



# PARKS AND OPEN SPACE

## shrub and groundcover palette

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
19		<i>Myrtus communis</i> 'Compacta'	Dwarf Myrtle	4	4	S-M	M	F,P	Dense small medium to dark green leaves. Ideal for low edgings, foundation plantings, and small to medium formal hedges. Tolerant of most soil conditions. Very cold and heat tolerant.
20		<i>Rosmarinus officinalis</i> 'Prostratus'	Trailing Rosemary	1-2	6-8	F	L-M	F	Herbaceous, low growing evergreen that tolerates poor soils, heat, drought, cold and full sun. Foliage is needle-like, dark green, and aromatic. Plants produce masses of light blue to purple flowers late winter into spring. 'Huntington Carpet' variety grows to 1' height.
21		<i>Salvia chamaedryoides</i>	Mexican Blue Sage	2	2	S-M	M	F,P	Small perennial shrub with silver-gray leaves. Develops bluish-purple flowers above the foliage on short spikes in early summer, with sporadic blooming summer through fall. Attracts hummingbirds.
22		<i>Senna artemisioides</i>	Feathery Cassia	6	6	M	L	F,P	Plant produces lacy, needle-like foliage that is attractive as it moves in the wind. Huge floral display of dense yellow flowers are produced late winter into the spring. Requires light shearing annually to maintain density. May require rejuvenation pruning every 4-6 years.
23		<i>Senna phyllodinea</i>	Silver Leaf Cassia	6	6	M	L-M	F,P	Evergreen shrub with moderate growth rate. Leaves are 1-2 inches long, silver-gray, and curved. Produces yellow buttercup-shaped flowers late winter into the spring that eventually turn into flat compressed seed pods. Requires light annual shearing to maintain density.
24		<i>Senna wislizeni</i>	Shrubby Senna	8	6	M	L	F,P	Large upright shrub is deciduous, with a form ranging from rounded to irregular. Large yellow flowers cover the entire plant summer and into the fall. Great in rock or desert gardens where an irregular natural form with summer through fall color is desired.

Growth: Slow (S), Moderate (M), Fast (F)



Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)



# PARKS AND OPEN SPACE

## shrub and groundcover palette

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Exposure	Comments
25		<i>Vauquelinia californica</i>	Arizona Rosewood	15	10	M	L-M	F,P	Good screen or informal hedge. Great substitute for Oleander, non-toxic, less liter and better cold tolerance. Very drought tolerant. Produces dense clusters of white flowers in the spring.
26		<i>Vauquelinia corymbosa</i>	Narrow Leaf Rosewood	15	15	M	L-M	F,P	Large shrub or small tree with evergreen foliage. Leaves are more slender and sharply toothed than the species. Develops clusters of fragrant white flowers in the spring. Good substitute for Oleander.
27		<i>Xylosma congestum</i>	Shiny Xylosma	10	10	M	M	F,P	Large growing evergreen shrub with shiny 2-3 inch long leaves. Can be used as a formal/informal hedge, screen, or trained to a small tree. 4'-5' height dwarf variety available.



Growth: Slow (S), Moderate (M), Fast (F)

Water Use: Low (L), Moderate (M), High (H)

Exposure: Full Sun (F), Partial Shade (P), Shade (S)

# PARKS AND OPEN SPACE

## ornamental palette

Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Drought Tolerant	Spines or Thorns	Exposure	Comments
	<i>Cortaderia selloana pumila</i>	Dwarf Pampas Grass	4	4	F	L-M	H	N	F,P	A native ornamental grass. Produces large white, non-seed producing, plumes above the arching leaves. Plumes develop mid to late summer and remain for several months.
	<i>Dasyllirion acrotriche</i>	Green Desert Spoon	5	6	M	L	H	Y	F	Evergreen grass-type plant with green leaves that are serrated along their margins. Produces flower stalks that rise above the foliage and contain small white flowers that attract birds and butterflies.
	<i>Dasyllirion wheeleri</i>	Desert Spoon	5	6	M	L	H	Y	F	Evergreen grass-type plant with gray-green leaves that are serrated along their margins. Produces flower stalks that rise above the foliage and contain small white flowers that attract birds and butterflies.
	<i>Fouquieria splendens</i>	Ocotillo	15	8	S	L	H	Y	F	Large shrub with cane-like, spiny stems that are tightly grouped in a funnel form. Dense clusters of red flowers develop early to mid-spring. Stems develop small green leaves following periods of rain or high humidity.
	<i>Hesperaloe parviflora</i>	Red Yucca	4	4	M	L	H	N	F,P	Evergreen grass-type plant with long narrow leaves that are leathery and tough. Produces salmon to pinkish-red flowers on 6 foot high arching stalks early summer through fall. Cultivars in other colors and sizes available.
	<i>Muhlenbergia dumosa</i>	Bamboo Muhly	4	4	M-F	L	H	N	F,P	Upright arching ornamental grass with soft lacey foliage on tall woody stems. Small pinkish-green flowers develop late fall into winter. Works well as a specimen, in groupings and in containers.

Growth: Slow (S), Moderate (M), Fast (F)      Water Use: Low (L), Moderate (M), High (H)      Drought Tolerance: Low (L), Moderate (M), High (H)  
 Spines or Thorns: Yes (Y), No (N)      Exposure: Full Sun (F), Partial Shade (P), Shade (S)





# PARKS AND OPEN SPACE

## ornamental palette

	Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Drought Tolerant	Spines or Thorns	Exposure	Comments
7		<i>Muhlenbergia lindheimeri</i> 'Autumn Glow'	Autumn Glow Muhly Grass	5	6	F	L	H	N	F,P	Ornamental clumping grass with narrow, light green leaves. Small brown flowers develop in fall, 1-2 feet above the foliage. Foliage color and density is improved with moderate irrigation during summer months.
8		<i>Nolina bigelovii</i>	Bigelow's Nolina	4-8	4	S-M	L	H	N	F	Yucca-like, flowering evergreen with 2-3 foot long flexible, sword-like, blue-green leaves. Creamy white flowers develop on 10 foot high stalks May and June. Attracts butterflies and moths. Very heat and drought tolerant.
9		<i>Nolina nelsonii</i>	Blue Nolina	8	6	M	L	H	N	F	Evergreen, tree-like shrub that produces one or more stems with a dense rosette of slightly serrated, blue leaves. Flower stalks may be up to 4 feet long and contain thousands of small creamy white flowers.
10		<i>Yucca elata</i>	Soap Tree Yucca	15	8	S	L	H	Y	F	Evergreen palm-like shrub or small tree. Leaves are long, narrow, and sharp-tipped with plants developing a fairly stout trunk 6-12 inches in diameter. Showy bell-shaped white flowers develop spring and summer.
11		<i>Yucca filamentosa</i>	Adam's Needle Yucca	2	3	M	L	H	N	F,P	Evergreen with medium-dark green, spine-tipped, leaves set in a basal rosette. Flower stalks bear white flowers in late spring to early summer. Flowers attract aphids, spray with insecticide prior to bloom.
12		<i>Yucca rigida</i>	Blue Yucca	12	8	S-M	L-M	H	N	F	Evergreen with powder blue leaves. 5-6 foot high flower stalks bear hundreds of small creamy white flowers spring to early summer. Very heat, cold, and drought tolerant, however responds well to light irrigation.

Growth: Slow (S), Moderate (M), Fast (F)      Water Use: Low (L), Moderate (M), High (H)      Drought Tolerance: Low (L), Moderate (M), High (H)  
 Spines or Thorns: Yes (Y), No (N)      Exposure: Full Sun (F), Partial Shade (P), Shade (S)



13



Image	Botanical Name	Common Name	Height (Feet)	Width (Feet)	Growth Rate	Water Use	Drought Tolerant	Spines or Thorns	Exposure	Comments
	<i>Yucca rupicola</i>	Twisted Leaf Yucca	2	3	M	L	H	Y	F	Evergreen with medium-green leaves set in basal rosette. Clusters of creamy white flowers develop on 5' tall stalks in spring. Remove spent flowers. Prefers well-drained soil.



Growth: Slow (S), Moderate (M), Fast (F)      Water Use: Low (L), Moderate (M), High (H)      Drought Tolerance: Low (L), Moderate (M), High (H)  
Spines or Thorns: Yes (Y), No (N)      Exposure: Full Sun (F), Partial Shade (P), Shade (S)