



Understanding Santa Fe's Desert Vegetation

This is a working draft list of plants that can reasonably be expected to grow acceptably in the Santa Fe area, given proper siting and care. Some of these have limited availability at this time, though supplies are increasing. There are others that might grow equally well here, but they have been excluded at this time due to their even more limited availability.

This list will be reviewed and modified periodically as potentially useful plants are introduced or become more readily available, and new information about plants currently on the list is developed. **This list is not intended to be used to limit plant selection**, but to serve as a guide for those who want to know more about reasonable choices for this area.

For those who wish to experiment with plants not listed here, we urge you to find out all you can about the plants' expected hardiness, cultural requirements, and potential problems.

The plants are listed in columns by Latin name, common name, water needs, cautions, and comments. When the terms "cultivars", "selections" and "forms" are used, it indicates that there is more than one variety of that type of plant sold.

Water needs are given for most plants as a range, since soil type, microclimates, type of irrigation, and many other variables can affect the water requirements of plants on a specific site. The irrigation frequencies suggested are only a guideline meant to be used after new plantings are well established, typically from the third season on. Large trees may need more frequent supplemental irrigation for additional years before these guidelines apply. The suggested watering frequencies are meant to be applied during dry spells when there is no significant natural precipitation.

The categories are as follows: **VL (Very Low)** is for plants that require little or no supplemental irrigation to grow acceptably once they are established. Most of these are native to our environment.

Parks & Recreation

Suggested Woody Plants



The next category, **L (Low)**, is for plants that need some supplemental irrigation to remain pest and disease free and reach their highest potential in the landscape. They grow well with relatively infrequent irrigation, typically every three to four weeks through the growing season.

The third category, **M (Moderate)**, is for plants that need regular irrigation to grow well here, typically every week or two during the growing season. These plants may also need supplemental irrigation monthly during dry winters.

For most landscape applications, we recommend using plants with water requirements in these first three categories.

The last category, **H (High)**, is for plants that typically grow in areas with much more natural precipitation or available groundwater than is common in Santa Fe. These plants should be used sparingly, and only in areas where site variables like runoff patterns, mulch applications and shade/wind protection can help lessen their water needs, or in streamside areas where water is naturally available. They will usually need to be watered at least once a week during the growing season and at least once a month in dry winters to stay healthy.

Caution categories are listed to help alert plant buyers to potential problems that certain plants may develop, especially if they are not sited in favorable locations and maintained in good health. The importance of matching the plant to the conditions of the site cannot be overstated; the right plant in the right place is naturally healthier and more pest and disease resistant. If you want to use plants with cautions applied to them, investigate what is meant by the caution category and what that means in regard to using the plants on your site.

The caution categories are as follows: “**Al**” stands for alkaline-sensitive; these plants may develop iron and other trace mineral deficiencies and grow very poorly (or even die) in soils which are highly alkaline.



Parks & Recreation

Suggested Woody Plants



“Exp” is used to note plants considered experimental in Santa Fe. Some of these are new introductions to the nursery trade, while others have not been used widely enough or long enough in the Santa Fe area to know what their cultural limits and needs are here. The next caution category is labeled **“I”** for plants which tend to be invasive under certain conditions. Though many plants naturally spread to form clumps, these plants can easily get out of hand in certain locations and crowd out or overrun other plants near them. Some of these are useful for stabilizing slopes and rough areas, but they must be sited very carefully.

The notation **“P/D”** stands for pest/disease potential. Plants marked with this notation have a high likelihood of developing problems with significant pests and/or diseases when they are grown under less than optimal conditions.

Plants marked **“Sh”** are those which either grow naturally in shadier environments or are easier to grow here when they are planted where they receive some shade, especially afternoon shade. The plants in this group also typically do best in locations where they are sheltered from high winds and heat-reflecting surfaces. These are not plants to be used in hot, dry environments.

The Comments section includes other information useful in helping to decide whether or not to use certain plants. Compiled by Tracy Neal. Consulting Horticulturist. Santa Fe, New Mexico.

Deciduous Trees

Latin Name	Common Name	Water	Cautions	Comments
Acer ginnala	Amur Maple	L-M	Al, P/D	needs good drainage
Acer glabrum	Rocky Mountain Maple	L-M	Al, Exp, Sh	montane native; uncommon in Santa Fe
Acer grandidentatum	Bigtooth Maple	L-M	Al, Exp, Sh	uncommon native; very slow growing
Acer negundo	Sensation Boxelder	L-M	Exp	male selection; less attractive to Boxelder bugs. Good fall color
Acer palmatum	Japanese Maple selections	M-H	Al, Sh	need wind protection; avoid "dissectum" cultivars
Acer platanoides	Norway Maple selections	L-M	P/D	
Acer truncatum	Shantung Maple	L-M ?	Exp	tougher than Japanese maple
Acer x freemanii	Freeman Maple selections	L-M ?	Al?, Exp	good fall color; watch for iron chlorosis
Acer x Pacific Sunset	Pacific Sunset Maple	L-M	Exp	red-orange fall color
Aesculus glabra	Ohio Buckeye	M-H ?	Al?, Exp, P/D	messy; poisonous seeds; prone to leaf scorch if stressed
Alnus tenuifolia	Thin Leaf Alder	H	Al?, Exp, P/D	native streamside tree
Amelanchier canadensis	Shadblow Serviceberry	M-H	Al, P/D, Sh	suckers to form clumps
Amelanchier laevis	Allegheny Serviceberry	M-H	Al, Exp, P/D, Sh	
Amelanchier x grandiflora	Apple Serviceberry selections	M-H	Al, Exp, P/D, Sh	good fall color
Amelanchier x lamarkii	Lamark Serviceberry	M-H	Al, Exp, P/D, Sh	good fall color
Betula occidentalis	Western Red Birch	H	Al, Sh	native streamside tree; intolerant of drought
Betula pendula	Young's Weeping Birch	H	Al	unique form; intolerant of drought
Betula x Rocky Mtn Splendor	Rocky Mtn. Splendor Birch	M-H ?	Al, Exp	newer hybrid; may be more drought tolerant
Carpinus betulus	European Hornbeam selections	M-H ?	Exp, P/D	
Catalpa bignonioides	Umbrella Catalpa	L-M	Al, P/D	prone to iron chlorosis
Catalpa speciosa	Western Catalpa	L-M		somewhat messy
Celtis occidentalis	Western Hackberry	L-M	P/D	
Celtis reticulata	Netleaf Hackberry	L-M	P/D	native; absolute hardiness uncertain
Cercis canadensis	Eastern Redbud	M-H	Al, Sh	needs good drainage; hard to transplant, longlasting spring flowers
Cladrastis kentuckea	Yellowwood	M-H ?	Exp	
Corylus colurna	Turkish Filbert	L-M	Exp	formal looking
Cotinus obovatus	American Smoke Tree	L-M	Exp	good fall color
Crataegus ambigua	Russian Hawthorn	L-M	Exp	big thorns

<i>Crataegus coccinoides</i>	Kansas Hawthorn	L-M	Exp	shrubby, big thorns
<i>Crataegus crus-galli</i>	Cockspur Hawthorn	L-M	Exp	big thorns, messy fruit
<i>Crataegus crus-galli inermis</i>	Thornless Cockspur Hawthorn	L-M	Exp	messy fruit
<i>Crataegus laevigata</i> cultivars	English Hawthorn selections	M-H	AI, P/D	
<i>Crataegus mollis</i>	Downy Hawthorn	L-M	Exp	big thorns
<i>Crataegus phaenopyrum</i>	Washington Hawthorn	L-M	AI	
<i>Crataegus v. Winter King</i>	Winter King Hawthorn	L-M ?	AI, Exp	thorny
<i>Crataegus x lavallei</i>	Lavalle Hawthorn	M-H ?	AI, Exp, P/D	
<i>Cydonia oblonga</i> cultivars	Edible Quince selections	L-M	AI, P/D	shrubby, small tree
<i>Euonymus bungeana</i>	Winterberry Euonymus	L-M	Exp, P/D	
<i>Forestiera neomexicana</i>	New Mexico Privet	VL-L		good in water-collection areas, clumping habit
<i>Fraxinus americana</i> cultivars	White Ash selections	L-M	Exp, P/D	good fall color; sometimes develops trunk cracking
<i>Fraxinus pennsylvanica</i> cultivars	Green Ash selections	L-M	P/D	good in water-collection areas
<i>Gleditsia triacanthos</i> cultivars	Honeylocust selections	L-M	P/D	good in water-collection areas
<i>Gymnocladus dioica</i>	Kentucky Coffeetree	L-M ?	Exp	messy, slow to fill out
<i>Juglans nigra</i>	Black Walnut	L-M ?	Exp, P/D	toxic root exudate; messy
<i>Juglans regia</i> cultivars	Carpathian Walnut selections	L-M ?	Exp, P/D	toxic root exudate; messy
<i>Koeleruteria paniculata</i>	Goldenrain Tree	L-M		can attract boxelder bugs
<i>Laburnum x watereri</i>	Goldenchain Tree	M-H	AI, P/D	messy; needs good drainage
<i>Larix decidua</i> cultivars	European Larch selections	M-H	Exp	uncommon deciduous conifer
<i>Maackia amurensis</i>	Amur Maackia	L-M ?	Exp	
<i>Maclura pomifera</i>	Osage Orange	L-M		very adaptable species; look for thornless male
forms				
<i>Malus</i> cultivars and species	Apple, Crabapple selections	L-M	P/D	tremendous selection of well-adapted cultivars
<i>Morus x Illinois</i> Everbearing	Illinois Everbearing Mulberry	L-M ?	Exp	hardy form with good fruit; messy
<i>Platanus occidentalis</i>	American Sycamore	M-H	AI, P/D	
<i>Platanus x acerifolia</i> Bloodgood	Bloodgood London Plane	M-H	AI, P/D	sunscald/frost cracking sometimes a problem
<i>Populus aluminata</i>	Lanceleaf Cottonwood	M-H	AI, P/D	riparian native; not for dry sites
<i>Populus fremontii wislizenii</i>	Valley Cottonwood	M-H	AI, P/D	riparian native; not for dry sites
<i>Populus sargentii</i>	Plains Cottonwood	M-H	AI, P/D	riparian native; not for dry sites

Populus tremula Erecta	Swedish Aspen	M-H ?	Exp	longer-lived (?) poplar type; narrow upright form
Populus tremuloides	Quaking Aspen	M-H	Al, I, P/D, Sh	montane native; suckers to form colonies; not for dry sites
Populus x cultivars	Hybrid Cottonwoods	M-H	Al, Exp, P/D	look for disease-resistant forms
Prunus americana	American Plum	L-M	P/D	suckers to form clumps
Prunus armeniaca cultivars	Apricot selections	L-M	P/D	fruit drop very messy
Prunus avium cultivars	Sweet Cherry selections	M	P/D	need good drainage
Prunus cerasifera cultivars	Purple Plum selections	L-M	P/D	
Prunus cerasus cultivars	Sour Cherry selections	L-M	P/D	
Prunus domestica cultivars	European Plum selections	L-M	P/D	
Prunus maackii	Amur Chokecherry	M ?	Exp	
Prunus padus cultivars	European Bird Cherry selections	L-M	Al, P/D	
Prunus persica cultivars	Nectarine/Peach selections	M	Al, P/D	tend to be short-lived
Prunus sargentii cultivars	Sargent Cherry selections	M ?	Exp	
Prunus serotina cultivars	Flowering Cherry selections	M	P/D	need good drainage
Prunus subhirtella cultivars	Flowering Cherry selections	M	P/D	need good drainage
Prunus virginiana cultivars	Chokecherry selections	L-M	I, P/D	spreads aggressively to form clumps
Ptelea trifoliata	Hop Tree, Wafer Ash	VL-L		slow, small tree/large shrub
Pyrus calleryana cultivars	Flowering Pears	L-M	Al, P/D	look for fireblight-resistant forms
Pyrus communis cultivars	European Fruiting Pear selections	L-M	Al, P/D	use fireblight-resistant forms
Pyrus faurei	Korean Flowering Pear	L-M	Exp, P/D	fireblight-resistant; good fall color
Pyrus pyrifolia cultivars	Oriental Fruiting Pear selections	L-M	Al, Exp, P/D	use fireblight-resistant forms
Pyrus ussuriensis cultivars	Ussurian Pear selections	L-M	Al, Exp, P/D	some have messy fruit
Quercus gambelii	Gambel Oak	VL-L		faster, more tree-like with irrigation
Quercus macrocarpa	Bur Oak	L-M	Exp	faster with regular irrigation
Quercus muhlenbergii	Chinkapin Oak	L-M	Exp	faster with regular irrigation
Quercus robur cultivars	English Oak selections	L-M	Exp, P/D	can be mildew-prone
Quercus shumardii	Shumard Oak	L-M	Exp, Al ?	nice fall color
Quercus x cultivars	Oak-new hybrids	L-M	Exp	Look for hardy, alkaline and drought-tolerant forms
Robinia pseudoacacia cultivars	Black Locust selections	L-M	I, P/D	brittle, easily cracked wood; can spread aggressively
Robinia x ambigua Idahoensis	Idaho Locust	L-M	P/D	brittle, easily cracked wood
Salix amygdaloides	Peachleaf Willow	M-H	Al?, Exp, P/D	native form; may be more drought tolerant than others
Sophora japonica cultivars	Japanese Pagoda Tree selections	L-M	Exp, P/D	messy; can be disease-prone

Sorbus aucuparia cultivars	European Mtn. Ash selections	M-H	Al, P/D, Sh	very disease/pest prone if not well grown
Sorbus x hybrida	Oakleaf Mountain Ash	M-H ?	Exp, P/D	new introduction
Syringa reticulata cultivars	Japanese Tree Lilac selections	L-M	Exp	bloom smells like Privet
Tilia cordata cultivars	Littleleaf Linden selections	M	P/D	young trees sometimes sunscald
Tilia tomentosa cultivars	Silver Linden selections	L-M ?	Exp, P/D	promising new introduction
Ulmus parvifolia cultivars	lacebark Elm selections	VL-L ?	Exp	disease/pest resistant; use only hardy cultivars
Ulmus x hybrids	Hybrid Elm selections	VL-L ?	Exp	new disease/pest resistant forms
Xanthoceras sorbifolia	Yellowhorn	L-M ?	Exp	large shrub/small tree form; may be difficult to transplant
Zeikova serrata cultivars	Japanese Zeikova selections	L-M	Exp	use improved cultivars

Evergreen Trees

Latin Name	Common Name	Water	Cautions	Comments
Abies concolor	White Fir	L-M		best with good drainage, fragrant, soft needles
Abies lasiocarpa arizonica	Corkbark Fir	M-H	Exp, Sh	alpine native
Calocedrus decurrens	Incense Cedar	L-M ?	Exp	absolute hardiness uncertain
Cedrus deodora Kashmir	Kashmir Deodar Cedar	L-M		hardy cultivar, hard to find
Cedrus deodora Shalimar	Shalimar Deodar Cedar	L-M	Exp	hardy cultivar, hard to find
Chamaecyparis obtusa cultivars	Hinoki Cypress selections	M-H	Al, Exp, Sh	wind protection important
Cupressus arizonica,	Blue Pyramid Arizona Cypress	L-M	Exp	seems to be a reliably hardy cultivar
Blue Pyramid				
Juniperus chinensis cultivars	Chinese Juniper selections	L-M	P/D	male forms cause allergy problems for many
Juniperus deppeana	Alligator Juniper	L-M	P/D	male forms cause allergy problems for many
Juniperus monosperma	One-seed Juniper	VL-L	I, P/D	male forms cause allergy problems for many
Juniperus scopulorum forms	Rocky Mtn. Juniper selections	L-M	P/D	male forms cause allergy problems for many
Juniperus utahensis	Utah Juniper	VL-L	P/D	male forms cause allergy problems for many
Juniperus virginiana cultivars	Eastern Red Cedar selections	L-M	P/D	male forms cause allergy problems for many
Picea abies Cupressina	Fastigiata Norway Spruce	M-H	Sh	male forms cause allergy problems for many
Picea engelmannii	Engelmann Spruce	L-M	P/D	
Picea glauca Densata	Black Hills Spruce	L-M ?	Exp, P/D	dense growth habit

<i>Picea omorika</i>	Serbian Spruce	L-M ?	Exp	
<i>Picea pungens</i> cultivars	Colorado Spruce selections	L-M	P/D	needs large growth area
<i>Pinus aristata</i>	Bristlecone Pine	VL-L	P/D	hard to transplant; needs good drainage
<i>Pinus bungeana</i>	Lacebark Pine	L-M ?	Exp, P/D	
<i>Pinus cembra</i> cultivars	Swiss Stone Pine selections	L-M	Al, Exp, P/D	best with good drainage
<i>Pinus contorta latifolia</i>	Lodgepole Pine	L-M	Exp, P/D	
<i>Pinus densiflora</i> cultivars	Japanese Red Pine selections	L-M	Exp, P/D	
<i>Pinus edulis</i>	Pinon Pine	VL-L	P/D	NM state tree
<i>Pinus flexilis</i> cultivars	Limber Pine selections	L-M	P/D	best with good drainage
<i>Pinus leucodermis</i>	Bosnian Pine	L-M	P/D	promising selection for small areas
<i>Pinus mugo</i>	Mugho Pine	L-M	P/D	
<i>Pinus nigra</i>	Austrain Pine	L-M	P/D	
<i>Pinus parviflora</i> Glauca	Japanese White Pine	L-M	Al, Exp, P/D	best with good drainage
<i>Pinus ponderosa</i>	Ponderosa Pine	L-M	P/D	
<i>Pinus strobiformis</i>	Southwest White Pine	L-M	P/D	best with good drainage
<i>Pinus sylvestris</i> cultivars	Scotch Pine selections	L-M	P/D	
<i>Pinus thunbergii</i>	Japanese Black Pine	L-M	P/D	can be injured by severe winters
<i>Platycladus orientalis</i> cultivars	Oriental Arborvitae selections	L-M	P/D	
<i>Pseudotsuga menziesii</i> Glauca	Rocky Mountain Douglas Fir	L-M	P/D	
<i>Sequoiadendron giganteum</i>	Giant Sequoia	M		
<i>Thuja occidentalis</i> cultivars	American Arborvitae selections	M-H	Sh	needs frequent irrigation when young

Deciduous Shrubs

Latin Name	Common Name	Water	Cautions	Comments
<i>Abeliophyllum distichum</i>	White Forsythia	L-M ?	Exp	
<i>Amelanchier alnifolia</i> cultivars	Saskatoon Serviceberry selections	L-M	P/D, Sh	need regular irrigation for good fruit production
<i>Amelanchier utahensis</i>	Utah Serviceberry	VL-L	P/D	
<i>Amorpha canescens</i>	Leadplant	L-M	P/D	
<i>Amorpha fruticosa</i>	False Indigo	L-M	P/D	
<i>Aronia arbutifolia</i> cultivars	Red Chokeberry selections	M-H	P/D, Sh	suckers to form clumps

Aronia melanocarpa cultivars	Black Chokeberry selections	L-M	P/D	suckers to form clumps
Artemisia abrotanum	Southernwood	L-M		may need cut back hard after bad winters
Artemisia cana	Silver Sage	VL-L	I ?	also listed as Seriphidium canum; may spread by seed
Artemisia filifolia	Sand or Threadleaf Sage	VL-L		needs good drainage
Artemisia nova	Black Sage	VL-L		needs good drainage
x canescens	Four Wing Saltbush	VL-L		
Atriplex confertifolia	Shadscale	VL-L		
Berberis korana	Korean Barberry	L-M		suckers to form clumps
Berberis thunbergii cultivars	Japanese Barberry selections	L-M		
Berberis x Emerald Carousel	Emerald Carousel Barberry	L-M	Exp	
Buddleia alternifolia	Fountain Butterfly Bush	L-M		
Buddleia davidii cultivars	Butterfly Bush selections	L-M	P/D	
Buddleia nanhoensis cultivars	Compact Butterfly Bush selections	L-M	P/D	often get larger than expected
Caragana arborescens	Siberian Peashrub	VL-L		
Caragana pygmaea	Pygmy Peashrub	VL-L		
Caryopteris x clandonensis				
cultivars	Blue Mist Spiraea selections	L-M	I	best with good drainage
Ceanothus fendleri	Fendler Ceanothus	L-M		
Ceratoides lanata	Winterfat	VL-L		
Cercocarpus montanus	Mountain Mahogany	VL-L	I, P/D	
Chaenomeles speciosa	Flowering Quince	L-M	Al, P/D	
Chamaebatiaria millefolium	Fernbush	VL-L		
Chrysothamnus nauseosus				
cultivars	Chamisa selections	VL-L	I	reseeds readily
Cornus alba cultivars	Tatarian Dogwood selections	M-H	Al, P/D, Sh	
Cornus mas	Cornelian Cherry	M-H	Al?, Exp	slow growing; large shrub/small tree
Cornus sericea cultivars	Redtwig Dogwood selections	M-H	Al, P/D, Sh	
Corylus avellana Contorta	Harry Lauders Walking Stick	M-H	Al, Exp, Sh	

Cotinus coggygia cultivars	Purple Smokebush selections	L-M	AI	prone to winter die back
Cotoneaster adpressus	Early Cotoneaster	L-M	AI, P/D	
Cotoneaster apiculatus	Cranberry Cotoneaster	L-M	AI, P/D	
Cotoneaster divaricatus	Spreading Cotoneaster	L-M	AI, P/D	
Cotoneaster horizontalis cultivars		Rock Cotoneaster selections L-M		
AI, P/D				
Cotoneaster ignavus	Szechwan Fire Cotoneaster	L-M ?	Exp	
Cotoneaster lucidus	Peking Cotoneaster	L-M	P/D	
Cytisus purgans	Spanish Gold Broom	L-M ?	Exp	
Cytisus scoparius	Lena Scotch Broom	L-M	Exp	new; absolute hardness uncertain
Cytisus scoparius	Moonlight Broom	L-M	Exp	new; absolute hardness uncertain
Deutzia gracilis	Slender Deutzia	M-H		
Elaeagnus commutata	Silverberry	L-M	I, P/D	suckers to form clumps; may spread by seed
Elaeagnus multiflora	Cherry Elaeagnus	L-M	I, P/D	suckers to form clumps; may spread by seed
Elaeagnus umbellata	Autumn Olive	L-M	I, P/D	suckers to form clumps; may spread by seed
Euonymus alata cultivars	Burning Bush selections	L-M	P/D	good fall color
Euonymus europaea	European Spindle Bush	L-M	P/D	
Fallugia paradoxa	Apache Plume	VL-L		
Fargesia murielae cultivars	Fountain Bamboo selections	M-H	Exp, Sh	
Fendlera rupicola	Cliff Fendlerbush	VL-L		
Forsythia cultivars	Forsythia selections	L-M		use hardy forms
Genista tinctoria cultivars	Dyer's Greenweed selections	L-M		best with good drainage
Hibiscus syriacus cultivars	Rose of Sharon selections	L-M		
Hippophae rhamnoides	Sea Buckthorn	L-M	I	suckers to form clumps
Holodiscus dumosus	Rock Spirea	L-M		suckers to form clumps
Hypericum frondosum cultivars	St. John's Wort selections	L-M		
Jamesia americana	Waxflower	M-H	Sh	montane native; needs good drainage
Keria japonica cultivars	Japanese Kerria selections	L-M	Sh	
Kolkwitzia amabilis	Beautybush	L-M		
Ligustrum amurense	Amur Privet	L-M		

Lonicera korolkowii cultivars	Blue Honeysuckle selections	L-M	Exp, P/D	
Lonicera tatarica cultivars	Tatarian Honeysuckle selections	L-M	P/D	
Lonicera x cultivars	Honeysuckle-new hybrids	L-M		look for pest and disease-resistant selections
Malus cultivars	Crabapple-dwarf forms	L-M	P/D	
Perovskia atriplicifolia	Russian Sage	L-M	Exp, I ?	may spread by seed
Philadelphus cultivars	Mockorange selections	L-M		
Phyllostachys aureosulcata	Yellow Groove Bamboo	M-H	Exp, I	aggressive spreader
Physocarpus monogynus	Mountain Ninebark	L-M	Sh	montane native
Physocarpus opulifolius cultivars	Eastern Ninebark selections	L-M		
Potentilla fruticosa cultivars	Potentilla selections	L-M	P/D	montane native
Prunus besseyi	Western Sand Cherry	L-M	P/D	best with good drainage
Prunus glandulosa Rosea	Pink Flowering Almond	L-M	Al, P/D	
Prunus tomentosa	Nanking Cherry	L-M	P/D	
Prunus x cistena	Bush Purple Plum	L-M	P/D	
Rhamnus frangula cultivars	Alder Buckthorn selections	L-M	Exp	
Rhamnus smithii	Smith Buckthorn	L-M	Exp	
Rhus aromatica cultivars	Fragrant Sumac selections	L-M		may sucker somewhat
Rhus glabra cultivars	Rocky Mountain Sumac selections	L-M	I	suckers aggressively
Rhus trilobata	Three-Leaf Sumac	VL-L		good fall color
Rhus typhina cultivars	Staghorn Sumac selections	L-M	I	suckers aggressively, good fall color
Ribes alpinum	Alpine Currant	L-M	P/D, Sh	male forms more rust-resistant
Ribes aureum	Golden Currant	L-M	I, P/D, Sh	suckers; may spread by seed
Ribes hirtellum cultivars	Gooseberry selections	M-H	P/D, Sh	look for rust-resistant forms
Ribes odoratum Crandall	Crandall Golden Currant	L-M	P/D, Sh	rust-resistant, suckers some
Ribes nigrum/silvestre cultivars	Edible Currant selections	M-H	P/D, Sh	look for rust-resistant forms
Robinia neomexicana	New Mexico Locust	L-M	I, P/D	very aggressive spreader; large shrub/small tree
Rosa alba cultivars	Alba Rose selections	L-M	P/D	
Rosa centifolia cultivars	Cabbage Rose selections	L-M	Al, P/D	
Rosa damascena cultivars	Damask Rose selections	L-M	P/D	
Rosa foetida cultivars	Persian Rose selections	VL-L	P/D	may sucker somewhat
Rosa gallica cultivars	French Rose selections	L-M	Al, P/D	may sucker somewhat
Rosa glauca	Redleaf Rose	L-M	P/D	tolerates partial shade well

Rosa hugonis	Father Hugo's Rose	L-M	P/D	
Rosa rubiginosa	Sweetbriar Rose	L-M	P/D	
Rosa rugosa hybrids	Rugosa Rose selections	L-M	AI, P/D	
Rosa spinosissima cultivars	Scotch Rose selections	L-M	P/D	suckers to form clumps
Rosa woodsi	Woods Rose	VL-L	I, P/D, Sh	suckers aggressively; grows well in partial shade
Rosa xanthina	Manchu Rose	L-M	Exp, P/D	
Rosa x cultivars	Hybrid Roses	L-H	AI, P/D	look for hardy, disease-resistant cultivars
Rosa x harrisonii	Harrisons Yellow Rose	L-M	P/D	
Rubus deliciosus	Boulder Raspberry	L-M	Sh	
Rubus idaeus cultivars	Edible Raspberry selections	M-H	I, P/D, Sh	suckers aggressively
Salix caprea	French Pussy Willow	M-H	P/D, Sh	somewhat less disease-prone than Salix discolor
Salix exigua	Coyote Willow	M-H	I, P/D	riparian native
Salix irrorata	Blue Stem Willow	M-H	I, P/D	riparian native
Salix purpurea cultivars	Arctic Willow selections	M-H	P/D	
Sambucus canadensis cultivars	American Elderberry selections	M-H	I, P/D, Sh	sucker aggressively
Sambucus nigra cultivars	European Elderberry selections	M-H	P/D, Sh	
Sambucus pubens	Native Red Elderberry	M-H	P/D, Sh	
Sambucus racemosa cultivars	European Red Elderberry selections	M-H	P/D, Sh	
Shepherdia argentea	Silver Buffaloeberry	VL-L		good in run-off areas; may spread by seed
Sorbaria sorbifolia	False Spiraea	L-M	Exp, P/D	suckers to form clumps
Sorbus scopulina	Western Mountain Ash	M-H ?	Exp, Sh	
Spiraea cultivars	Spiraea selections	L-M	AI, P/D	many species and cultivars to choose from
Symphoricarpos cultivars	Coralberry, Snowberry selections	L-M	P/D, Sh	some sucker aggressively
Syringa cultivars	Lilac selections	L-M	P/D	many cultivars to choose from; some sucker heavily
Viburnum cultivars	Viburnum selections	M-H	P/D, Sh	many species and cultivars to choose from
Weigela floribunda cultivars	Weigela selections	M-H		

Evergreen Shrubs and Cacti

Latin Name	Common Name	Water	Cautions	Comments
Agave parryi	Parry Agave	VL-L		borderline hardy; needs good drainage
Arctostaphylos nevadensis	Pinemat Manzanita	L-M	Exp	
Arctostaphylos patula	Greenleaf Manzanita	L-M	Exp, Sh	hard to transplant
Arctostaphylos pungens	Pointleaf Manzanita	L-M	Exp	needs good drainage; hard to transplant
Arctostaphylos uva-ursi	Kinnickinick	L-M	Sh	best with good drainage
Artemesia tridentata	Big Sage	VL-L		also listed as Seriphidium tridentatum; needs good drainage
Berberis x gladiwynensis	William Penn Barberry	L-M		
William Penn				
Buxus microphylla	Winter Gem Boxwood	L-M	Sh	
Buxus x Sheridan hybrids	Sheridan hybrid Boxwoods	L-M	Exp, Sh	
Cercocarpus intricatus	Littleleaf Mountain Mahogany	VL-L		
Cercocarpus ledifolius	Curlleaf Mountain Mahogany	L-M		
Chamaecyparis obtusa cultivars	Hinoki Cypress-dwarf selections	M-H		
Cotoneaster dammeri Eichholz	Eichholz Cotoneaster	L-M	Exp, Sh P/D	wind protection important
Cowania mexicana	Cliffrose	L-M		needs good drainage; hard to transplant
Daphne cneorum cultivars	Garland Daphne selections	M-H	Exp, P/D, Sh	need good drainage; hard to transplant
Daphne x burkwoodii cultivars	Burkwood Daphne selections	M-H	Exp, P/D, Sh	need good drainage; hard to transplant
Echinocerus species	Hedgehog Cactus selections	VL-L		use hardy forms; hard to clean around
Ephedra viridis	Joint Fir, Mormon Tea	VL-L		
Euonymus fortunei cultivars	Wintercreeper selections	L-M	P/D, Sh	
Euonymus kiautschovicus	Manhattan Euonymus	L-M	P/D	
Manhattan				
Hesperaloe parviflora	Red Yucca	L-M		absolute hardiness uncertain
Ilex x meserveae cultivars	Blue Holly selections	M-H	Sh	
Juniperus chinensis cultivars	Chinese Juniper selections	L-M	P/D	
Juniperus communis cultivars	Common Juniper selections	L-M	P/D, Sh	

Juniperus horizontalis cultivars	Creeping Juniper selections	L-M	P/D	very mite-prone
Juniperus procumbens cultivars	Japanese Garden Juniper selections	M	P/D	
Juniperus sabina cultivars	Savin Juniper selections	VL-L	P/D	
Juniperus scopulorum cultivars	Rocky Mountain Juniper selections	L-M	P/D	
Juniperus x media cultivars	Pfitzer/Sea Green Juniper selections	VL-L	P/D	
Mahonia aquifolium cultivars	Oregon Grape Holly selections	L-M	P/D, Sh	
Mahonia repens	Creeping Mahonia	L-M	P/D, Sh	
Microbiota decussata	Russian Cypress	L-M	Exp, Sh	
Nolina microcarpa	Bear Grass	VL-L		
Opuntia cultivars	Cholla/Prickly Pear Cactus selections	VL-L		hard to clean around
Paxistima canbyi	Mountain Lover	M-H	Exp, Sh	hard to transplant; needs good drainage
Paxistima myrsinites	Oregon Boxwood	M-H	Exp, Sh	hard to transplant; needs good drainage
Picea abies cultivars	Norway Spruce-dwarf forms	M-H	P/D, Sh	
Picea glauca Conica	Dwarf Alberta Spruce	M-H	P/D, Sh	
Picea omorika cultivars	Serbian Spruce-dwarf forms	M?	Exp	
Picea pungens cultivars	Colorado Spruce-dwarf forms	M	P/D	
Picea cembra cultivars	Swiss Stone Pine-dwarf forms	L-M	Al, Exp	best with good drainage
Pinus densiflora cultivars	Japanese Red Pine-dwarf forms	L-M	Exp	
Pinus mugo cultivars	Mugho Pine-dwarf forms	L-M	P/D	
Pinus nigra Hornibrookiana	Dwarf Austrian Pine	L-M	Exp	
Pinus resinosa Morel	Morel Red Pine	L-M	Exp	
Pinus sylvestris cultivars	Scotch Pine-dwarf and creeping forms	L-M	Exp, P/D	
Platycladus orientalis cultivars	Oriental Arborvitae-dwarf forms	L-M		
Purshia tridentata	Antelope Bitterbrush	VL-L		best with good drainage
Pyracantha angustifolia and coccinea cultivars	Hardy Pyracantha selections	L-M	Al, P/D	
Quercus turbinella	Shrub Live Oak	VL-L		
Taxus x media cultivars	Anglojap Yew-dwarf forms	L-M	Sh	best with good drainage, does well in shady areas
Thuja occidentalis cultivars	American Arborvitae-dwarf forms	M-H	Exp, Sh	
Yucca baccata	Datil Yucca	VL-L		
Yucca filamentosa	Adam's Needle	VL-L		
Yucca glauca	Small Soapweed	VL-L		

Vines

Latin Name	Common Name	Water	Cautions	Comments
Actinidia kolomitka	Kolomitka Vine	M-H ?	Exp, P/D	
Akebia quinata	Fiveleaf Akebia	L-M	Exp	
Ampelopsis brevipedunculata	Porcelain Vine	L-M	Exp, P/D	
Campsis radicans cultivars	Trumpet Vine selections	L-M		can sucker aggressively
Campsis x tagliabuana				
Mme. Galen	Madame Galen Trumpetvine	L-M		not as hardy as C. radicans
Celastrus orbiculatus	Oriental Bittersweet	L-M	Exp, Sh	need male & female forms for fruit production
Celastrus scandens	American Bittersweet	L-M	Sh	need male & female forms for fruit production
Clematis ligusticifolia	Western Virgins Bower	M-H	I	may spread by seed
Clematis montana cultivars	Anemone Clematis selections	M-H	Exp	need good drainage; absolute hardiness uncertain
Clematis tangutica	Golden Bell Clematis	L-M	I	spreads by seed
Clematis terniflora	Sweet Autumn Clematis	L-M		formerly C. paniculata
Clematis viticella cultivars	Viticella Clematis selections	L-M		need good drainage
Clematis x cultivars	Clematis-Large flowered hybrids	M-H		critical cultural conditions
Euonymus f. colorata	Purple Wintercreeper	L-M	P/D, Sh	
Hedera helix	English Ivy	L-M	Sh	
Hydrangea a. petiolaris	Climbing Hydrangea	M-H	Exp, P/D, Sh	
Lonicera japonica Halliana	Halls Honeysuckle	L-M		
Lonicera periclymenum cultivars	Woodbine Honeysuckle selections	M-H	P/D, Sh	
Lonicera sempervirens cultivars	Trumpet Honeysuckle selections	L-M	P/D, Sh	
Lonicera x Dropmore Scarlet	Dropmore Scarlet Honeysuckle	L-M	Exp, P/D	
Lonicera x Goldflame	Goldflame Honeysuckle	L-M	P/D	
Lonicera x Mandarin	Mandarin Honeysuckle	L-M ?	Exp	new introduction
Parthenocissus quinquefolia	Virginia Creeper	VL-L	P/D	
Parthenocissus tricuspidata	Boston Ivy	L-M	P/D, Sh	
Polygonum aubertii	Silver Lace Vine	VL-L	I	
Vitis cultivars and hybrids	Grape	L-M	Al-some, P/D	choose hardy forms
Wisteria floribunda cultivars	Japanese Wisteria selections	L-M	Al	
Wisteria sinensis cultivars	Chinese Wisteria selections	L-M	Al	