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WATER WISE PLANTS FOR UTAH LANDSCAPES

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Bigtooth Maple (*Acer grandidentatum*)

In order to better market the water wise plants available in many Utah nurseries and garden centers, and to assist consumers in identifying these plants, a program to recognize desirable low water use species has been developed. Representatives from Utah State University Extension, Utah State University Center for Water Efficient Landscaping, the Utah Nursery and Landscape Association, Utah Division of Water Resources, Utah Botanical Center, Jordan Valley Water Conservancy District, Red Butte Gardens, U.S. Bureau of Reclamation, Salt Lake City Corporation, Sandy City, and the Utah Native Plant Society have worked together to organize a water wise list of ornamental trees, shrubs, herbaceous perennials, ornamental grasses, and ground covers. The plants on the list are (1) water conserving, (2) adapted to Utah's arid climate and cold winters, (3) available in the industry, (4) relatively easy to maintain in the landscape and (5) have desirable landscape characteristics which remain desirable under limited water availability. The water wise designation suggests that, on average, the plants only need to be watered approximately once every two weeks after establishment and will still retain their aesthetic characteristics. More specific information on cultural requirements such as growth characteristics, USDA hardiness zones, soil preference, etc., can be found at www.waterwiseplants.utah.gov

DECIDUOUS TREES

Acer grandidentatum	Bigtooth Maple	*Crataegus douglasii*	Black Hawthorne
Acer tataricum	Tatarian Maple	*Fraxinus anomala*	Single-leaf Ash
Acer truncatum	Shantung Maple	*Ginkgo biloba*	Ginkgo
Amelenchier species	Serviceberry	*Gymnocladus dioicus*	Kentucky Coffeetree
Catalpa speciosa	Western Catalpa	*Koelreuteria paniculata*	Golden Raintree
Celtis occidentalis	Common Hackberry	*Maclura pomifera* (select cultivars)	Osage-Orange
Chilopsis linearis	Desert Willow	*Parrotia persica*	Persian Ironwood
Corylus colurna	Turkish Filbert	*Platanus x acerifolia*	London Planetree
Cotinus obovatus	American Smokebush		

Ptelea trifoliata	Hop Tree	*Syringa reticulata*	Tree Lilac
Quercus gambelii	Gambel Oak	*Ulmus parvifolia*	Lacebark/Chinese Elm
Quercus macrocarpa	Bur Oak	*Zelkova serrata*	Zelkova
Robinia neomexicana	New Mexico Locust		
Sophora japonica	Japanese Pagodatree		

EVERGREEN TREES

Abies concolor	White Fir	*Juniperus scopulorum*	Rocky Mountain Juniper
Calocedrus decurrens	Incense-cedar	*Picea abies*	Norway Spruce
Cedrus atlantica glauca	Blue Atlas Cedar	*Picea pungens*	Colorado Spruce
Cedrus libani	Cedar of Lebanon	*Pinus* species	Pine species
Cupressus arizonica	Arizona Cypress	*Pseudotsuga menziesii*	Douglas-fir
Juniperus osteosperma	Utah Juniper		

SHRUBS (Full Sun)

Amelanchier species	Serviceberry	*Juniperus* species	Juniper
Amorpha canescens	Lead plant	*Kolkwitzia amabilis*	Beauty Bush
Amorpha nana	Dwarf Lead Plant	*Mahonia fremontii*	Utah Holly
Artemisia species	Sagebrush	*Peraphyllum ramosissimum*	Squaw Apple
Atriplex confertifolia	Shadscale	*Philadelphus* species	Mock Orange
Buddleia davidii	Butterfly Bush	*Physocarpus* species	Ninebark
Caragana species	Siberian Peashrub	*Pinus mugo*	Mugo Pine
Caryopteris x clandonensis	Blue Mist Spirea	*Potentilla fruticosa*	Potentilla
Ceratoides lanata	Winterfat	*Prunus besseyi*	Western Sand Cherry
Cercocarpus species	Mountain-mahogany	*Prunus x cistena*	Purple-leaf Sand Cherry
Chamaebatiaria millefolium	Fernbush	*Prunus virginiana*	Common Chokecherry
Chrysothamnus nauseosus	Rabbitbrush	*Quercus turbinella*	Shrub Live Oak
Cotinus coggygria	Smokebush	*Rhus* species	Sumac
Cotoneaster species	Cotoneaster	*Rosa woodsii*	Woods Rose
Cowania mexicana	Cliffrose	*Salvia dorrii*	Dorr Sage
Cytisus scoparius	Scotch Broom	*Shepherdia argentea*	Silver Buffaloberry
Ephedra viridis	Green Mormon Tea	*Sorbaria sorbifolia*	False Spirea
Fallugia paradoxa	Apache Plume	*Syringa vulgaris*	Lilac
Forestiera neomexicana	New Mexico Privet	*Viburnum lantana*	Wayfaring Tree
Genista species	Spanish Broom		

SHRUBS (Shade)

Holodiscus dumosus	Mountain Spray	*Symphoricarpos* species	Snowberry
Kerria japonica	Japanese Kerria	*Viburnum rhytidophyllum*	Leather-leaf Viburnum
Mahonia aquifolium	Oregon-grape	*Viburnum x rhytidophylloides*	Blackhaw

PERENNIALS (FULL SUN)

Achillea species	Yarrow	*Aurinia saxatilis*	Basket-of-Gold
Aethionema schistosum	Stonecress	*Baileya multiradiata*	Desert Marigold
Agastache species except *foeniculum*	Hyssop/Agastache		
Allium species	Ornamental Allium		
Amsonia tabernaemontana	Blue Star		
Anacyclus depressus	Mount Atlas Daisy		
Anaphalis margaritacea	Pearly Everlasting		
Antennaria species	Pussy Toes		
Arabis caucasica	Rock Cress		
Armeria maritime	Sea Pinks/Thrift		
Asclepias tuberose	Butterfly Weed		
Aster species	Aster		
Astragalus utahensis	Utah Lady Finger		
Aubrieta deltoidea	Aubrieta		



Hyssop/Agastache (*Agastache cana*)

Ballota pseudodictamnus	Horehound
Berlandiera lyrata	Chocolate Flower
Brodiaea species	Brodiaea
Callirhoe involucrata	Poppy Mallow/Wine Cups
Calylophus species	Sundrops
Catananche caerulea	Cupid's Dart
Centranthus rubber	Jupiter's Beard/Red Valerian
Colchicum autumnale	Autumn Crocus
Coreopsis verticillata	Thread-leaf Coreopsis
Crocus species	Crocus
Delosperma species	Ice Plant
Dianthus x allwoodii, deltoides, gratianopolitanus, and plumaris	Dianthus/Pinks
Diascia integerrima	Twinspurs
Dictamus albus	Gas Plant
Echinops ritro	Globe Thistle
Erigeron species	Fleabane
Eriogonum species	Buckwheat
Erygium amethystinum	Sea Holly
Gaillardia species	Blanket Flower
Gaura lindheimeri	Gaura
Gypsophila paniculata	Baby's Breath
Helenium hoopesii	Helen's Flower/Sneezeweed
Helianthemum nummularium	Sunrose
Hemerocallis x hybrids	Daylilies
Hesperaloe parviflora	Red Yucca
Hymenoxys aucalis	Hymenoxys/Perky Sue
Iberis sempervirens	Candytuft
Iris, Bearded hybrids	Bearded Iris
Kniphofia uvaria	Red Hot Poker
Lavandula angustifolia	Lavender
Leucojum aestivum	Snowflake
Liatris spicata	Liatris/Gayfeather
Limonium latifolium	Sea Lavender
Linum species	Flax
Melampodium leucanthum	Blackfoot Daisy
Mirabilis multiflora	Desert Four O'Clock
Narcissus species	Daffodils/Narcissus
Nepeta x *faassenii*	Catmint
Oenothera macrocarpa, pallida, and *caespitosa*	Evening Primrose
Origanum species	Oregano
Papaver orientale	Oriental Poppy
Penstemon species	Penstemon
Perovskia atriplicifolia	Russian Sage
Phlomis species	Jerusalem Sage
Potentilla species	Cinquefoil
Psilostrophe tagetina	Paper Flower
Pulsatilla vulgaris	Pasque Flower
Ratibida columnifera	Mexican Hat
Salvia species	Sage/Salvia
Santolina species	Santolina/Lavender Cotton
Scabiosa caucasica	Pincushion Flower
Sedum species	Sedum/Stonecrop
Sempervivum tectorum	Hens and Chicks
Sphaeralcea species	Globemallow
Teucrium chamaedrys	Germander
Thymus species	Thyme
Tithonia rotundifolia	Mexican Sunflower
Tulipa species	Tulips
Veronica spicata	Spike Speedwell Veronica
Viguiera multiflora	Showy Goldeneye
Yucca filamentosa	Yucca/Adam's Needle
Zauschneria species	Zauschneria/Hummingbird Flower
Zinnia grandiflora	Desert Zinnia
Zizophora clinopodioides	Blue Mint Bush

PERENNIALS (Shade)

Aquilegia species	Columbine
Bergenia cordifolia	Bergenia
Corydalis lutea	Yellow Corydalis
Epimedium species	Barrenwort/ Epimedium
Geranium endressii, sanguineum, and viscossissimum	Geranium/Cranesbill
Heuchera species	Coral Bells
Smilacina racemosa	False Solomon Seal

ORNAMENTAL GRASSES (Full Sun)

Andropogon gerardii	Big Bluestem
Aristida purpurea	Threeawn Grass
Bouteloua curtipendula	Side Oats Grama Grass
Bouteloua gracilis	Blue Grama Grass
Calamagrostis acutiflora	Feather Reed Grass
Elymus cinereus	Great Basin Wildrye
Erianthus ravennae	Ravenna Grass
Festuca ovina glauca	Blue Fescue
Helictotrichon sempervirens	Blue Oat Grass
Miscanthus sinensis	Maiden Grass
Oryzopsis hymenoides	Indian Rice Grass
Panicum virgatum	Switch Grass
Schizachyrium scoparium	Little Bluestem
Sorghastrum nutans	Indian Grass
Stipa comata	Needle and Thread grass
Stipa tenuissima	Mexican Grass

ORNAMENTAL GRASSES (Shade)

Dechampsia caespitosa	Tufted Hair Grass	*Molina caerulea*	Purple Moor Grass

GROUNDCOVERS

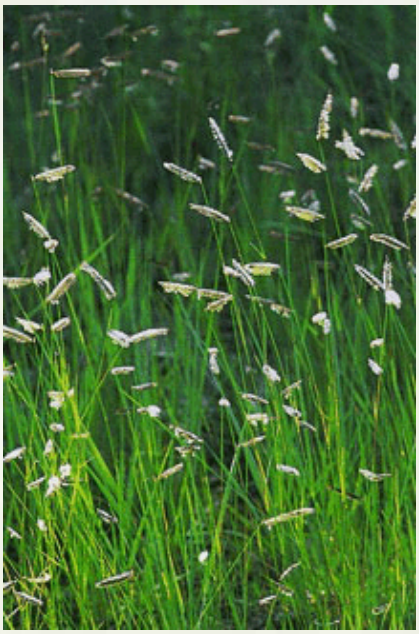
Antennaria species	Pussy Toes	*Mahonia repens*	Creeping Mahonia
Arctostaphylos uva-ursi	Kinnikinnick	*Phlox subulata*	Creeping Phlox
Buchloe dactyloides	Buffalograss	*Sedum* species	Sedum
Cerastium tomentosum	Snow-in-Summer	*Stachys byzantina*	Lamb's Ear
Helianthemum nummularium	Sun Rose	*Teucrium chamaedrys*	Germander
Hypericum calycinum/ reptans	St. Johnswort	*Thymus* species	Thyme
Juniperus horizontalis	Horizontal Juniper	*Veronica liwanensis*	Turkish Veronica
		Veronica rupestris/prostata	Creeping Veronica

VINES

Campsis radicans	Trumpet Vine	*Polygonum aubertii*	Silverlace Vine
Clematis tangutica	Clematis	*Wisteria* species	Wisteria



Desert Marigold (*Baileya multiradiata*)



Blue Grama Grass (*Bouteloua gracilis*)

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