

"Perfect Plants for Water Wise Gardens"

Yakima Master Gardeners Spring Symposium 2015

Greg Butler, 03.11.15

Greg who...? A few family photos...

Welcome to Yakima!

Denver's Water Wise Landscape Handbook

Panayoti Kelaidis, Plant Select, Prairie Break

Great Plants for the Great Plains

Plant Sources: Master Gardeners Plant Sale, Arboretum Plant Sale

Local Retailers? Derby Canyon, Plants of the Wild, Desert Jewels

Wholesalers: Iseli, Monrovia, Xera Plants, T and L Nursery

Seattle Nurseries: Swanson's, Sky, Molbak's, Flower World, Minter's, West Seattle Nursery...

Mail Order: High Country Gardens, Bluestone Perennials, Far Reaches Farm, The Desert NW, Cistus, Joy Creek, Forest Farm

How Dry Can You Go?

What Causes Drought? Heat, Wind, Cold

Coping With Drought: Annuals re-seed prolifically; Geophytes, closing stomata, wilting, leaf scorch & drop, twig & branch die-back, death, summer dormancy (*Fouquieria splendens*), double root systems, small leaves, reducing exposed leaf surfaces, silver/hairy leaves, thick/waxy leaves, thorns, photosynthetic bark

Native vs. Exotic

CONIFEROUS TREES

Abies koreanna	Korean Fir
Abies koreanna 'Silberlocke'	Compact Korean Fir
Calocedrus decurrens	Incense Cedar
Juniperus chinensis 'Torulosa'	Hollywood Juniper
Juniperus scopulorum	Rocky Mountain Juniper
J. scopulorum 'Skyrocket'	Skyrocket Juniper
J. scopulorum 'Tolleson's Weeping'	Tolleson's Weeping Juniper
Juniperus virginiana	Eastern Red Cedar
Juniperus virginiana 'Grey Owl'	Grey Owl Juniper
Juniperus virginiana 'Pendula'	Weeping Eastern Red Cedar
Picea abies	Norway Spruce
Picea abies 'Nidiformis'	Bird's Nest Spruce
Picea abies 'Pendula'	Weeping Norway Spruce
Picea omorika	Serbian Spruce
Picea omorika 'Bruns'	Bruns Serbian Spruce
Picea pungens 'Glauca'	Blue Colorado Spruce
Picea schrenkiana	Tian Shan Spruce
Pinus edulis	Colorado Pinyon Pine
Pinus ponderosa	Ponderosa Pine, Yellow Pine
Pinus ponderosa 'Mary Ann Haecock'	Dwarf Ponderosa Pine

Pinus ponderosa 'Dixie'
Pseudotsuga menziesii var. *glauca*
Ginkgo biloba

Dixie Ponderosa Pine
Rocky Mountain Douglas Fir
Ginkgo

DECIDUOUS TREES

Acer circinatum
Acer grandidentatum
Amelanchier alnifolia
A. alnifolia 'Obelisk'
A. alnifolia 'Autumn Brilliance'
Amelanchier utahensis
Celtis reticulata
Cercis occidentalis
Cercis canadensis
C. canadensis 'Forest Pansy'
Fraxinus cuspidata
Heptacodium miconioides
Parrotia persica
Quercus garryana
Sassafras albidum
Xanthoceras sorbifolium
Zelkova serrata

Vine Maple
Big Tooth Maple, Canyon Maple
Western Serviceberry
Obelisk Serviceberry
Autmun Brilliance Serviceberry
Utah Serviceberry
Netleaf Hackberry
Western Redbud
Eastern Redbud
Forest Pansy Redbud
Fragrant Flowering Ash
Seven-Son Flower
Persian Ironwood
Garry Oak
Sassafras
Yellowhorn
Saw Leaf Zelkova

SHRUBS

Arctostaphylos columbiana
Arctostaphylos nevadensis
Arctostaphylos patula
Arctostaphylos hybrids
Caryopteris clandonensis
Cercocarpus intricatus
Cercocarpus ledifolius
Ericameria nauseosa
Ericameria nauseosa var. *nauseosa*
Cornus stolonifera var. *sericea*
C. sericea 'Flaviramea', 'Midwinter Fire'
Cotinus coggygria
Ephedra equisetina
Holodiscus discolor
Mahonia aquifolium
Mahonia repens
Mahonia fremontii
Microbiota decussata
Paxistima mysinites

Hairy Manzanita
Pinemat Manzanita
Greenlea Manzanita
Hybrid Manzanita
Bluebeard
Little-Leaf Mountain Mahogany
Curl-Leaf or Evergreen Mountain Mahogany
Tall Rabbit Brush
Baby Blue Rabbitbrush
Redtwig Dogwood, Red Osier Dogwood
Yellowtwig Dogwood, Midwinter Fire Dogwood
Smoke Bush
Bluestem Joint Fir
Ocean Spray
Oregon Grape, Grape Holly
Creeping Oregon Grape
Desert Holly
Siberian Cypress
Oregon Boxwood

Philadelphus lewisii
Philadelphus lewisii 'Blizzard'
Potentilla fruticosa cultivars
Ribes aureum (odoratum)
Ribes sanguineum
Rosmarinus officinalis 'Arp'
Syringa vulgaris
Vaccinium ovatum

Lewis Mock Orange
Blizzard Mock Orange
Cinquefoil, Potentilla
Golden Currant, Buffalo Currant
Red Flowering Currant
Arp Rosemary
Common Lilac
Evergreen Huckleberry

WOODY LILIES

Hesperaloe parviflora
Yucca filamentosa
Y. filamentosa 'Garland's Gold'

Red Flowering Yucca
Adam's Needle Yucca
Garland's Gold Yucca

GRASSES

Bouteloua gracilis
Helictotrichon sempervirens
Miscanthus sinensis
M. sinensis 'Malepartus'
M. sinensis 'Morning Light'
M. sinensis 'Gold Bar'
Sporobolus heterolepis

Blue Grama
Blue Oat Grass
Maiden Grass, Chinese Silver Grass
Malepartus Maiden Grass
Morning Light Maiden Grass
Gold Bar Maiden Grass
Prairie Dropseed

PERENNIALS/ GROUND COVER

Agastache rupestris 'Apache Sunset'
Agastache cana 'Sinning'
Agastache 'Blue Boa'
Agastache Hybrids
Arctostaphylos uva-ursi
Aster (Eurybia) divaricatus
Bergenia crassifolia
Bergenia cordifolia
Delosperma 'Red Mountain'
Delosperma 'John Profit'
Delosperma 'Fire Spinner'
Delosperma 'Kelaidis'
Diascia integerrima
Digitalis obscura
Epimedium sp.
E. perralderianum
E. x warleyense
E. grandiflorum 'Lilafee'
E. x versicolor 'Sulphureum'

Apache Sunset Agastache
Sinning Texas Hummingbird Mint
Blue Boa Agastache
Agastache
Kinnickinnik, Bearberry
Wood Aster
Pigsqueak
Pigsqueak
Red Mountain Ice Plant
John Profit Ice Plant
Fire Spinner Ice Plant'
Kelaidis Ice Plant
Coral Canyon Twinspur
Sunset Foxglove
Barrenwort, Bishop's Cap

<i>E. pinnatum</i> subsp. <i>colchicum</i>	
<i>E. rubrum</i>	
<i>Geranium macrorrhizum</i>	Big Root Geranium
<i>Geranium x cantabrigiense</i> 'Biokovo'	Biokovo Geranium
<i>Geranium sanguineum</i> 'Vision Violet'	Vision Violet Geranium
<i>Helianthemum nummularium</i>	Sun Rose
<i>Helleborus hybridus</i>	Lenten Rose
<i>Heuchera</i> 'Green Spice'	Green Spice Heuchera
<i>Kniphofia</i> hybrids	Red Hot Poker
<i>Lavandula angustifolia</i>	English Lavender
<i>Lavandula x intermedia</i>	Lavandin
<i>Marrubium rotundifolium</i>	Silver-edged Horehound
<i>Melampodium leucanthum</i>	Blackfoot Daisy
<i>Nepeta racemosa</i> 'Walker's Low'	Walker's Low Catmint
<i>Nepeta x faassenii</i> 'Six Hills Giant'	Six Hills Giant Catmint
<i>Penstemon barbatus</i>	Bearded Penstemon
<i>Penstemon x mexicali</i> 'Pike's Peak'	Pikes Peak Purple Mexican Penstemon
<i>Penstemon x mexicali</i> 'Red Rocks'	Red Rocks Mexican Penstemon
<i>Penstemon pinifolius</i>	Pine-leaf Penstemon
<i>Penstemon grandiflorus</i>	Prarie Jewel Penstemon
<i>Penstemon linarioides</i> var. <i>coloradoensis</i>	Silverton Blue Mat Penstemon
<i>Penstemon mensarum</i>	Grand Mesa Beardtongue
<i>Phlomis cashmeriana</i>	Kashmir Sage
<i>Phlomis russeliana</i>	Jerusalem Sage
<i>Ratibida columnifera</i>	Mexican Hat
<i>Salvia nemerosa</i> 'May Night'	May Night Sage
<i>Salvia nemerosa</i> 'Blue Hill'	Blue Hill Sage
<i>Salvia darcyi</i> 'Pscarl'	Vermillion Bluff Mexican Sage
<i>Salvia daghestanica</i>	Dwarf Silver-leaf Sage
<i>Salvia pachyphylla</i>	Mojave Sage
<i>Sedum</i> 'Autumn Joy'	Autumn Joy Sedum
<i>Zauschneria garrettii</i> 'Orange Carpet'	Orange Carpet California Fuschsia

VINES

<i>Campsis radicans</i> (no longer recommended)	Trumpet Vine
<i>Campsis</i> 'Chastity'	Chastity Trumpet Vine
<i>Wisteria</i> sp.	Wisteria
<i>Vitis</i> sp.	Grapes