




Welcome to Color Your World Virtual Workshop!

September 15, 2020

We appreciate you joining the virtual class. We will begin our class on time at 6:00pm.

Just Some Reminders:

- All attendees are automatically muted and will not be able to unmute or share video once joined in the class.
- Please place all comments or questions in the Q&A box. We will have personnel reviewing and answering questions as they are received. We will present the questions to the instructor at points within the presentation and at the end.
- Class handout material(s) are in the reminder emails that were sent leading up to this class. The attachment links to the handout documents are toward the bottom of the email.
- If you are having technical difficulties, feel free to email us at: conserve@chandleraz.gov or call 480-782-3689
- This workshop and the conversations in the Q&A chat box will both be recorded.

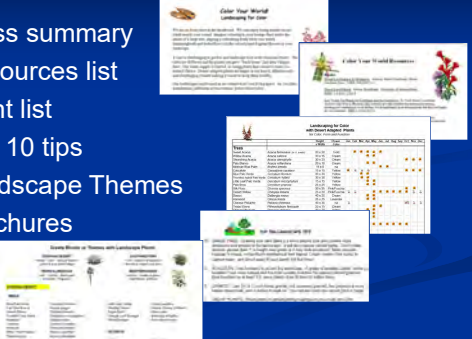
Color Your World!



*Cathy Rymer
Certified Arborist
former Water Conservation Coordinator
City of Chandler*

Class Materials

- Class summary
- Resources list
- Plant list
- Top 10 tips
- Landscape Themes
- Brochures




Class Materials

- Brochures



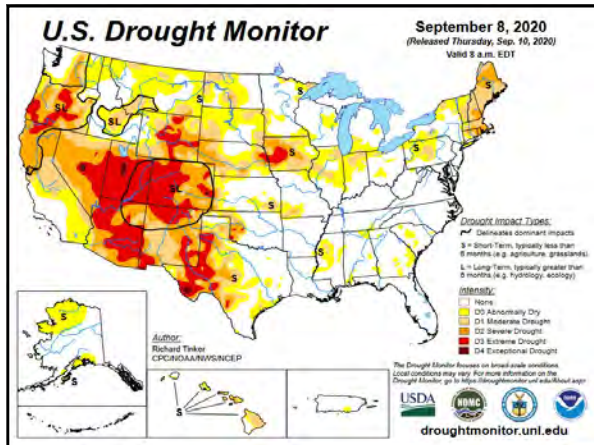
Questions



You'll see this symbol when a question poll is coming up.



Where We Live



Xeriscape

Xeric Landscape



Xeriscape!

Xeros – It's a Dry World



- Xeric environments = deserts
- Xerophytes = desert plants
- Xeros = a dry copy
- Xeriscapes = dry landscapes

Zero Scape





Color Your World!

Think of landscape as an extension of your living space.

It should be appropriate to the architecture of your home, your lifestyle, your region and climate, and your budget.

Color, Form and Texture Create Impact !

- ◆ Use Contrasting and complementing colors.
- ◆ Mass plantings of colors hold interest.
- ◆ Use a variety of textures for visual impact.
- ◆ The forms of plants frame views.

Color, Form and Texture Create Impact !

- ◆ Group plants in your yard like you would arrange furniture in your home.
- ◆ Create layers and microclimates.
- ◆ Accessorize

Warm / Hot Colors



Cool / Relaxing Colors



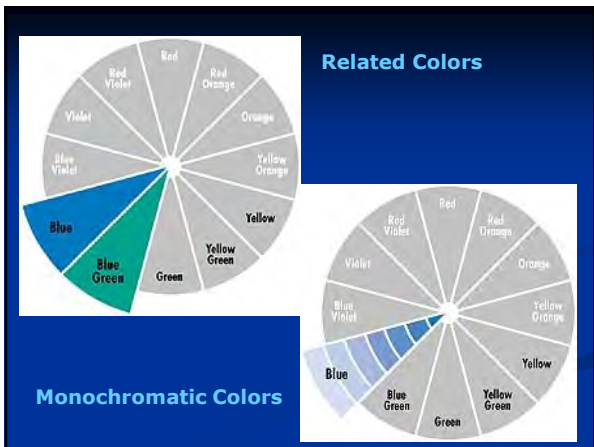
Hot - Warm Colors

- Red is intense & aggressive. Highly visible. Raises metabolism & blood pressure.
- Orange is enthusiastic. Creates sensation of heat. Invigorating.
- Yellow creates warming effect. Attracts attention.



Cool - Calm Colors

- Blue creates calming effect. Denotes tranquility, stability and calmness.
- Purple conveys mystery and magic – even romance and nobility.
- Greens are restful peaceful colors that create a cooling effect.



Pick Your Color
Pick Your Plant

Why Desert Adapted?



- Why Desert Adapted?**
- ◆ Desert-adapted plants need less water
 - ◆ Low water use plants are better adapted = less pest /disease problem = less pesticide
 - ◆ Native plants attract native wildlife
 - ◆ Energy Savings = ~ 30%
 - ◆ Minimal Maintenance



Pollinators



Design Rules

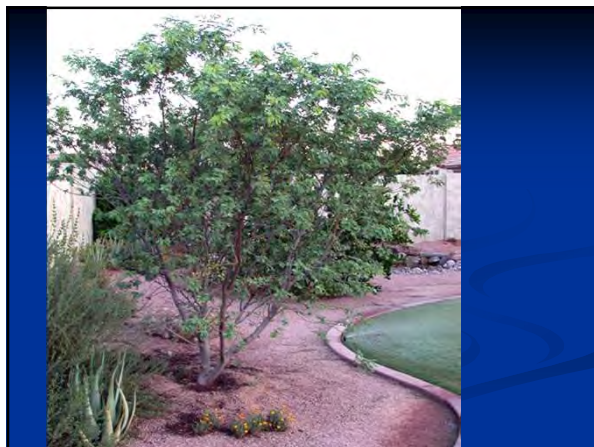
- ◆ #1 Keep it simple
- ◆ #2 Decide on a main theme or goal
- ◆ #3 Use 1 or 2 focal points
- ◆ #4 Have a short plant material list

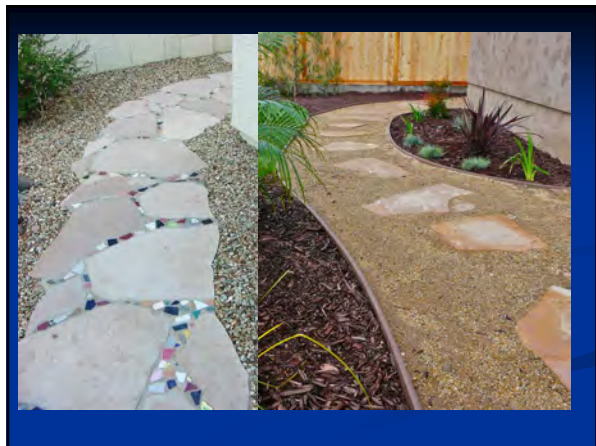


Techniques to consider as you develop your plan.

- Work *with* Mother Nature instead of against her
- Recreate a "natural look"
- Informal landscapes are usually easier and less costly to maintain
- Work with odd numbers of plants (3, 5, 7, etc.)
- Frame views

- Try tucking, massing and layering your plants
- Leave open space so eyes can "rest"
- Some plants are powerful – one may be all that's needed (bold cacti, for example)
- Consider 'cascades', 'spills' and 'drifting' as you plan.





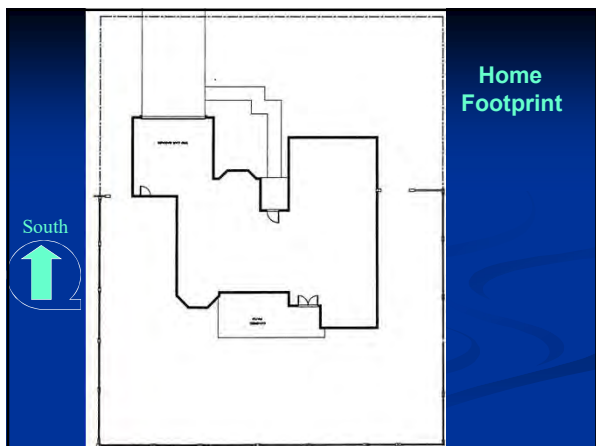
Landscape Design Process

Getting Started:

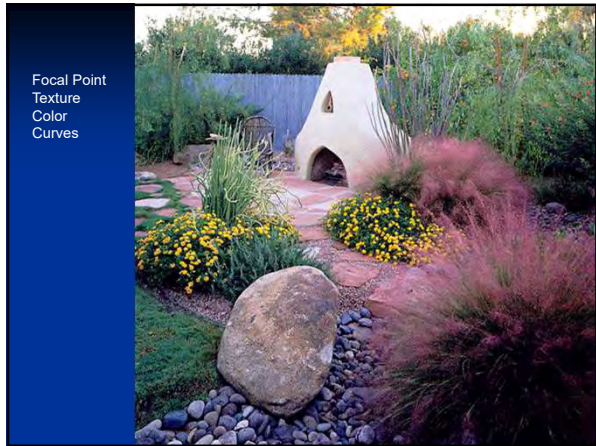
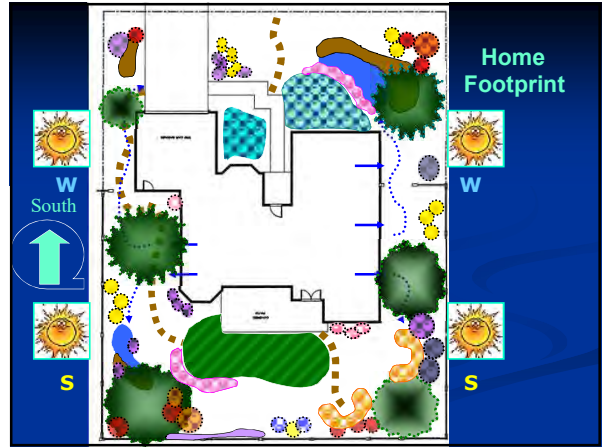
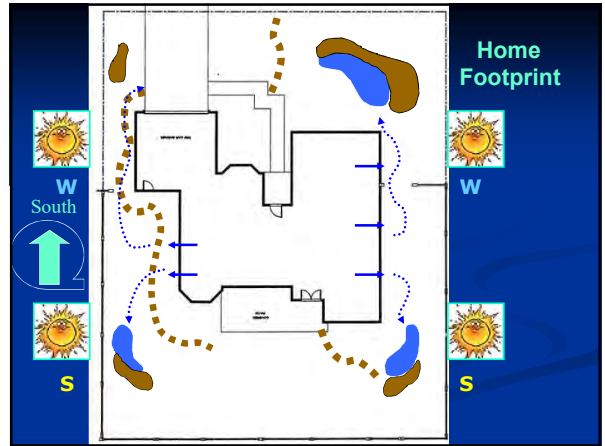
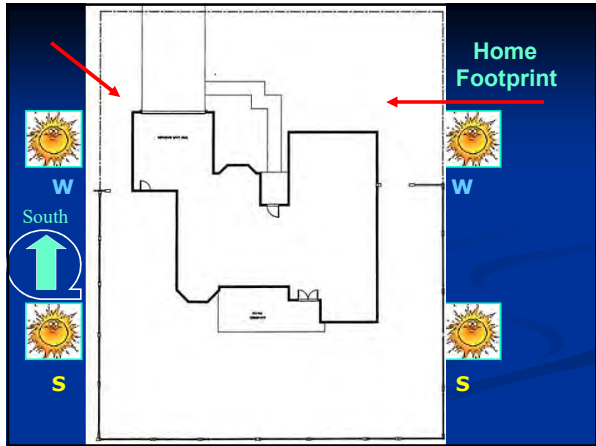
1. Site Analysis (Property Assessment)
2. Needs and wants list
3. Bubble diagram
4. Design outdoor rooms on paper
5. *Select the plants you want to use*
6. Install the irrigation system
7. Install the plants

Site Analysis (Property Assessment)

- ◆ **Your House and Property**
- ◆ **Your Lifestyle**
- ◆ **Your Surroundings**
- ◆ **Sun and Weather**



- Sun Angles
- Wind direction
- People Movement
- Slope/Water Movement
- Views
- Plant Placement



Landscape Design Process

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Pick Your Color

Pick Your Plant

Selecting Plants



Right Plant - Right Place

- ◆ Mature size
- ◆ Deciduous vs. evergreen
- ◆ Light requirements
- ◆ Hardiness
- ◆ Possible problems
- ◆ **Go Native!**

Right Plant, Wrong Location

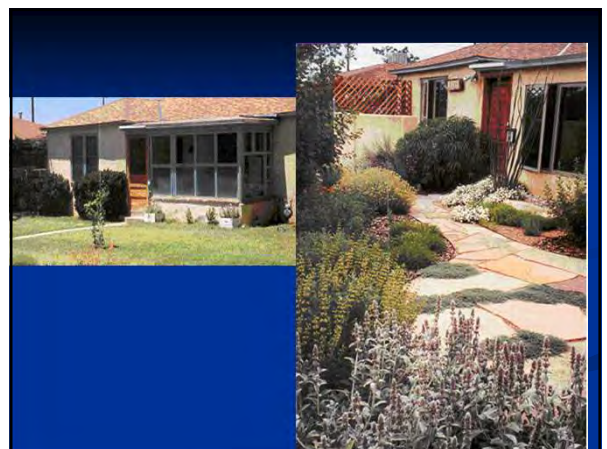
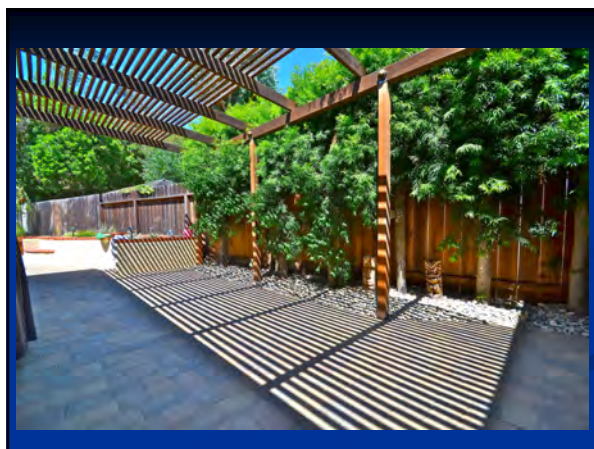
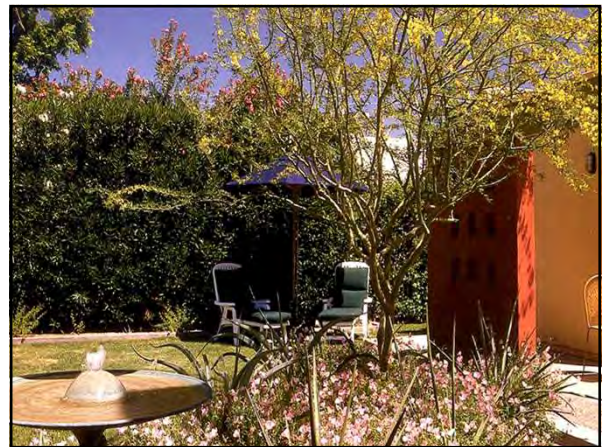
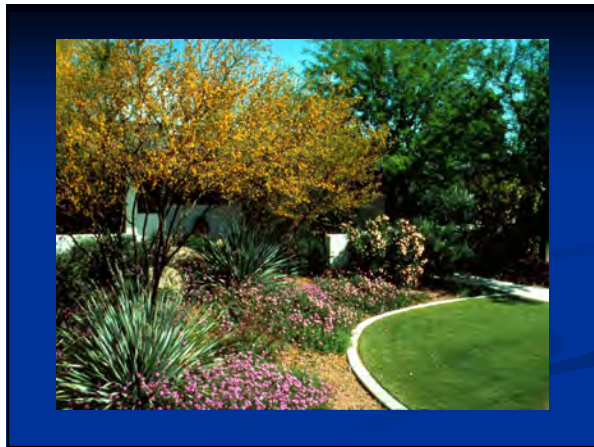


Ouch!



Plants as Design Elements

- As Space Definers
(horizontal and vertical plane)
- For Shade and Shelter
- For Interest and Seasonal Change
- Container Plants







Selecting Appropriate Plants

www.amwua.org

<http://www.chandler.watersavingplants.com>

Selecting Appropriate Plants

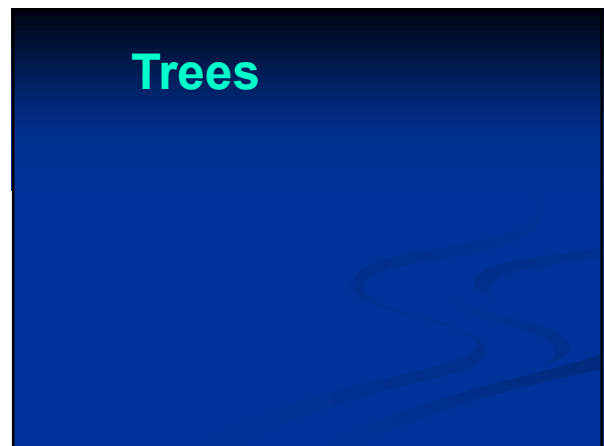
<https://www.chandleraz.gov/water>

<https://www.queencreek.org/waterguide>

Class Materials

Landscaping for Color with Desert Adapted Plants
for Color, Form and Function

		Height ft. Width	Flower Color	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Trees															
Sweet Acacia	Acacia salicifolia (or A. senilis)	20 x 20	Gold												
White Acacia	Acacia salicina	30 x 15	Cream												
Showringy Acacia	Acacia stenophylla	30 x 20	Cream												
Palm Shrub	Acacia millardiana	20 x 10	Cream												
Mexican Blue Palm	Shawia amata	15 x 8	nil												
Corkcuff	Catalpa baccata	15 x 15	Yellow												
Blue Palm Verde	Cercidium floratum	30 x 30	Yellow												
Thornless Hybrid Palm Verde	Cercidium hybrid	30 x 30	Yellow												
Little Leaf Palm Verde	Cercidium microphyllum	15 x 15	Yellow												
Palm Iron	Cercidium praecox	25 x 25	Yellow												
Silk Palm	Chromola serrata	30 x 25	Pink/Red												
Desert Willow	Chrysothamnus	25 x 20	Pink/Purple												
Shrubby	Dialium leucocarpum	40 x 30	Cream												
Ironwood	Olneya tesota	25 x 25	Lavender												
Orange Pistache	Prosopis juliflora	40 x 35	nil												
Pink Ebony	Prosopis juliflora	20 x 15	Cream												
Orange Mesquite	Prosopis juliflora	30 x 30	Yellow												
Honey Mesquite	Prosopis glandulosa	30 x 30	Yellow												
White Mesquite	Prosopis juliflora	25 x 25	Yellow												
Evergreen Elm	Ulmus parvifolia	35 x 35	nil												
Shade Tree	Viburnum chinensis	20 x 20	Purple												
Shrubs															





Caesalpinia cacalaco
Cascalote



Cercidium floridum Blue Palo Verde

Recently reclassified as
Parkinsonia florida



Cercidium microphyllum
Little Leaf Palo Verde

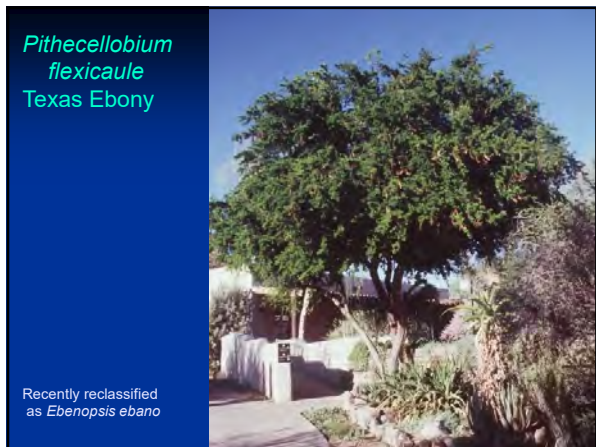
Recently reclassified as
Parkinsonia microphyllum



Cercidium praecox
Palo Brea

Recently reclassified as
Parkinsonia praecox





Prosopis glandulosa Honey Mesquite



Prosopis velutina
Velvet Mesquite



Ulmus parvifolia
Evergreen Elm



Vitex agnus-castus Chaste Tree

End of Part 1


Welcome to Color Your World Virtual Workshop!


Part 2



Color Your World!



Cathy Rymer
 Certified Arborist
 former Water Conservation Coordinator
 City of Chandler

Selecting Appropriate Plants


<https://www.chandleraz.gov/water>

Public Works & Utilities
 Water Conservation

<https://www.queencreek.org/waterguide>

Class Materials


Landscaping for Color with Desert Adapted Plants
 for Color, Form and Function

	Height & Width	Flower Color	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Trees														
Sweet Acacia	20 x 20	Gold												
Willow Azalea	30 x 15	Cream												
Shepherd Acacia	30 x 20	Cream												
Palo Blanco	20 x 10	Cream												
Mexican Blue Palm	15 x 8	na												
Leucadale	15 x 15	Yellow												
Blue Palo Verde	30 x 35	Yellow												
Flourish hybrid Palo Verde	30 x 30	Yellow												
Little Leaf Palo Verde	15 x 15	Yellow												
Pink Olive	25 x 25	Yellow												
Silk Palm	30 x 30	Pink/Fuchsia												
Desert Willow	25 x 20	Pink/Fuchsia												
Shoebill	45 x 35	Cream												
Ironwood	25 x 25	Lavender												
Chinese Pistache	40 x 35	na												
Frisian Elms	20 x 15	Green												
Chelan Mesquite	30 x 20	Yellow												
Honey Mesquite	30 x 30	Yellow												
Yuhuet Mesquite	25 x 25	Yellow												
Emerald Elm	35 x 25	na												
Chapel Tree	20 x 20	Purple												
Shrubs														

Shrubs

Abutilon palmeri Superstition Mallow



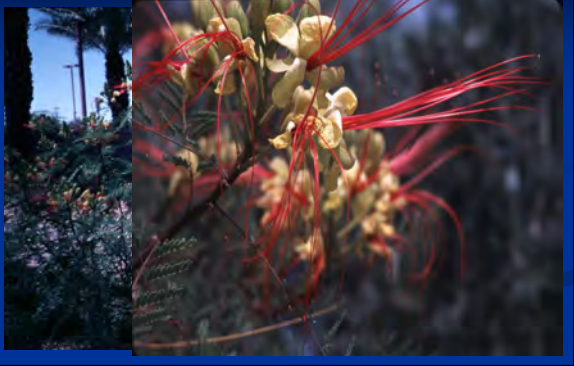

Anisicanthus quadrifidus v. *wrightii*
Flame Honeysuckle



Buddleia marrubifolia Woolly Butterfly Bush



Caesalpinia gilliesii
Desert Bird of Paradise

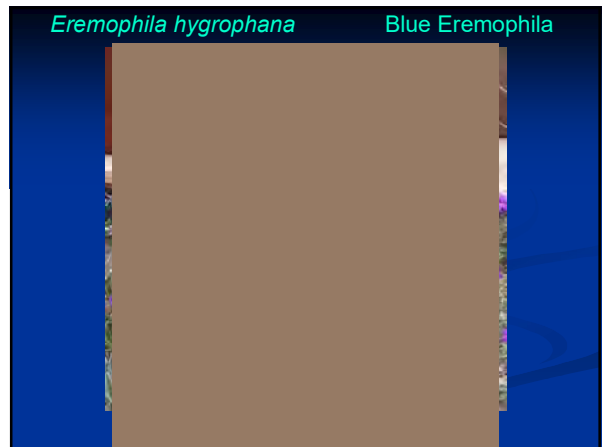
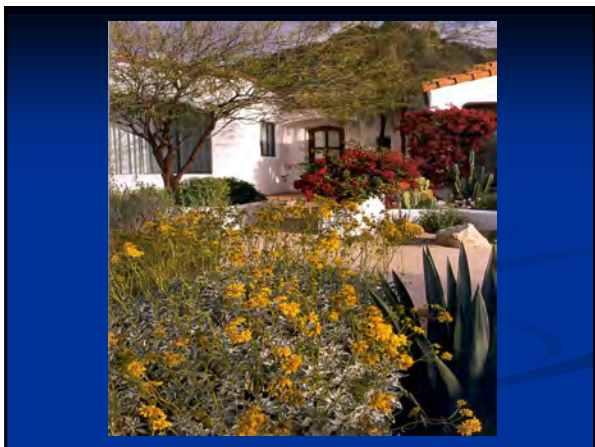


Caesalpinia mexicana Mexican Bird of Paradise



Calliandra californica Baja Fairy Duster





Eremophila maculata v. *brevifolia*
Red Eremophila



Gossypium harknessii
San Marcos Hibiscus



Justicia californica Chuparosa



Justicia spicigera Mexican Honeysuckle



Larrea tridentata Creosote Bush



Leucophyllum sp.
Texas Sage



Ruellia peninsularis
Desert Ruellia



Sophora secundiflora
Texas Mountain Laurel



Tecoma hybrid
Orange Bells

Tecoma Caterpillar



Bt (*Bacillus thuringiensis*)
Pronounced Bee Tee

Integrated Pest Management

IPM



Bt (*Bacillus thuringiensis*)

Groundcovers

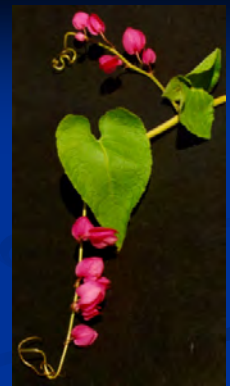




Rosmarinus officinalis 'Prostratus' Prostrate Rosemary



Vines



Antigonon leptopus
Coral Vine



Bougainvillea spectabilis



Hardenbergia violacea
Lilac Vine

Merremia aurea
Yuca Vine



Podranea ricasoliana
Pink Trumpet Vine



Rosa banksiae
Lady Banks Rose



Cacti

Carnegiea gigantea
Saguaro



Mammillaria spp.



Cereus hildmannianus
Hildmann's Cereus

Echinocactus grusonii
Golden Barrel



Echinocereus engelmannii Engelmann's Hedgehog



Lophocereus schottii
Totem Pole



Echinopsis spp.

Opuntia spp. Prickly Pear

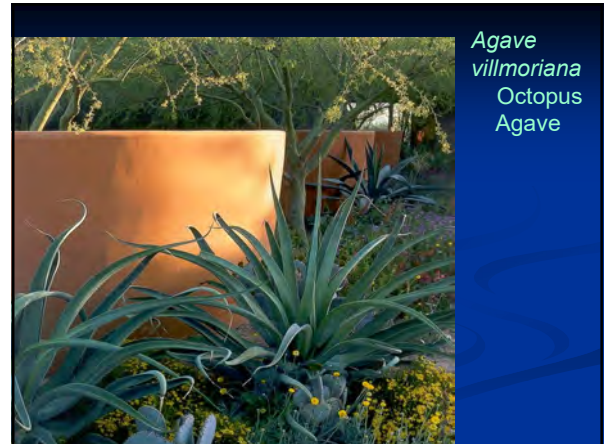


Pachycereus marginatus
Mexican Fencepost

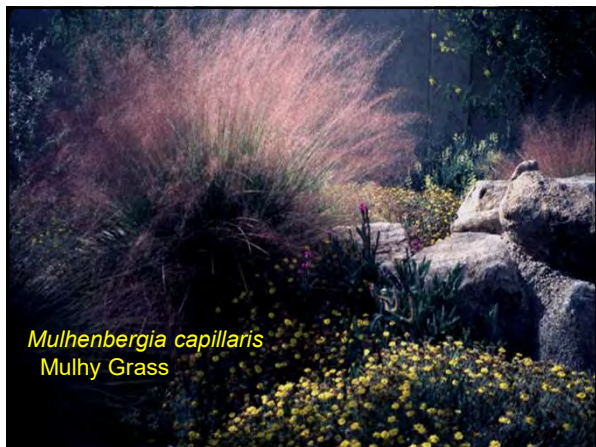


Stenocereus thurberi
Organ Pipe

Succulents & Accents







Perennials

Baileya multiradiata
Desert Marigold



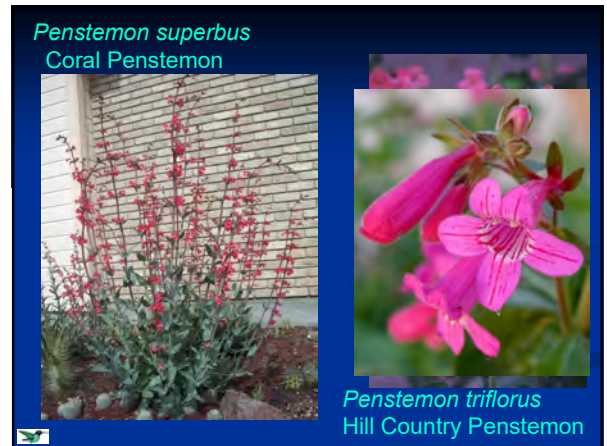
Hymenoxys acaulis Angelita Daisy



Recently reclassified as *Tetranuris acaulis*

Melampodium leucanthum Blackfoot Daisy

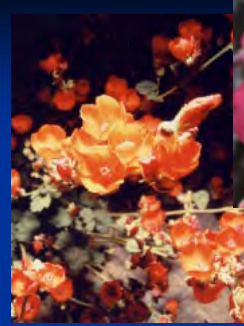




*Salvia
clevelandii*
Chaparral
Sage



Salvia leucantha
Mexican Bush Sage



Sphaeralcea ambigua
Globe Mallow



Zauschneria californica Hummingbird Trumpet



Zephyranthes sp.
Rain Lily



Annuals



Out of the Ordinary



Aqueligia chrysantha
Golden Columbine



Cuphea llavea
Bat Faced Cuphea



Justicia brandegeana
Shrimp Plant

Duranta erecta Sky Flower



Ipomea carnea
Tree Morning Glory
"Dies en la Manana"



Lime Scented
Geranium



Questions???

References

A collage of five book covers. From top left to bottom right: "LOW WATERWISE PLANTS" by Carol A. Durbin; "Landscape's Guide To Drought-Tolerant Plants for the South West"; "Desert Landscaping For Beginners"; "WATER-WISE LANDSCAPING IN Chandler" featuring pink flowers; and "Water Wise Landscaping: Design and Planting for the South West".

WATER-WISE LANDSCAPING IN Chandler

A close-up photograph of several bright pink flowers with yellow centers, set against a blurred background. The image is framed by a dark red border.

www.chandleraz.gov/water

References

<https://www.chandleraz.gov/water>

CHANDLER arizona
Public Works & Utilities
Water Conservation

TOWN OF QUEEN CREEK ARIZONA

<https://www.queencreek.org/waterguide>

Color Your World

A photograph showing the silhouettes of several saguaro cacti against a vibrant sunset sky with shades of orange, red, and purple.

Thank You