

Up and Coming Trends in Plant Material

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❖ “Sustainability”: The Big Umbrella

➤ Native Plants are the First Choice!

- Provenance is important. Site-specific seed and cutting collections.
Examples: City of Phoenix Rio Salado and Las Vegas Springs Preserve.
- Tall Pots for restoration projects.
For specifications contact Diana Stuart with the Maricopa County Flood Control. Email: dms@mail.maricopa.gov.
- Imported invasive plants are OUT!
Ex: Pampas grass in California and Shoestring acacias in Tucson.
- Seed-grown vs. harvested specimens preferred:
 - ◆ Yucca rostrata
 - ◆ Yucca decipiens
 - ◆ Nolina nelsoni
 - ◆ Fouquieria splendens
 - ◆ Carnegia gigantea

➤ Green Screens: Using Vines for Shade and Cooling.

- Best performers on the Phoenix Light Rail:
 - ◆ Antigonon leptopus, Queen’s Wreath
 - ◆ Ficus pumila, Creeping Fig (Shady spots)
 - ◆ Parthenocissis x Hacienda Creeper™ (best in some shade)
 - ◆ Podranea rica soleana, Pink Trumpet Vine
 - ◆ Vigna car...., Snail Vine

➤ **Living Walls:**

- **Stay tuned for the TenEyck Team's talk later today! Think very drought tolerant and strong stems.)**
 - ◆ **Eriogonum fasciculatum v. poliofolium, Flattop Buckwheat**
 - ◆ **Viguiera deltoidea, Goldeneye**
 - ◆ **Encelia farinose, Brittle Bush**
 - ◆ **Justicia californica, Chuparosa**
 - ◆ **Dalea species**
 - ◆ **Gasteria species**
 - ◆ **Haworthia species**
 - ◆ **Aloe species**
 - ◆ **Agave species**
 - ◆ **Nolina species**
 - ◆ **Hesperaloe species**
 - ◆ **Yucca species**

➤ **Green Roof Plants: Tip from Michele Shelor of Colwell Shelor. Think SUCCULENT FOLIAGE!**

- ◆ **Asclepias subulata, Desert Milkweed**
- ◆ **Aloe species**
- ◆ **Barrel Cactus**
- ◆ **Bulbines (for shadier spots)**
- ◆ **Euphorbia antisyphallitica, Candelilla**
- ◆ **Euphorbia rigida, Gopher Plant**
- ◆ **Hesperaloe species**
- ◆ **Opuntia ellisiana, Spineless Prickly Pear**
- ◆ **Malephora lutea, Rocky Point Ice Plant**
- ◆ **Marieana sedifolia**
- ◆ **Maytenus phyllanthoides, Mangle Dulce**
- ◆ **Ocotillos**
- ◆ **Pedilanthus macrocarpus, Lady Slipper (best in some shade)**
- ◆ **Portulacaria afra 'Minima', Dwarf Elephant Food**
- ◆ **Simmondsia chinensis 'Vista', Compact Jojoba**
- ◆ **Yucca species**

➤ **Salt Tolerant Plants for Non-potable Water Sources (see attached handout).**

➤ **Reducing Maintenance and Resource Input**

- **Ornamental grasses to use instead of turfgrass**
 - ◆ **Muhlenbergia capillaris Regal Mist®**
 - ◆ **Bouteloua gracilis 'Blond Ambition' PPAF**
- **Evergreen grasslike plant to use instead of ornamental grasses**
 - ◆ **Calibanus hookeri**
 - ◆ **Carex tumulicola, Berkeley Sedge**
 - ◆ **Nolina species**
 - ◆ **Hesperaloe species**
- **More compact plants for reduced pruning**
 - ◆ **Portulacaria afra 'Minima', Dwarf Elephant Food**
 - ◆ **Tecoma x Sierra Apricot® PP# 20246**
 - ◆ **Small trees (Stick around for Mary Irish's talk this afternoon!)**
- **Thornless plants for easier maintenance**
 - ◆ **Caesalpinia cacalaco Smoothie®, Thornless Cascalote**
- **Podless plants for less maintenance**
 - ◆ **Chilopsis linearis Art's Seedless®, Lois Adams™, and Timeless Beauty® PP.**
 - ◆ **Acacia farnesiana Sierra Sweet™, Podless Sweet Acacia**
- **Stronger, healthier root systems**
 - ◆ **Grafting onto sturdy, disease-resistant rootstocks**
 - ◆ **Rootmaker® pots: www.rootmaker.com**

❖ **Just Because They are Prettier!**

- **Chilopsis linearis 'Bubba'**
- **Agave parryi v. truncate 'Gentry' (Tissue cultured clones)**
- **Tecoma x Solar Flare® and Crimson Flare®**
- **Hesperaloe parviflora Brakelights® PP# 21729**

❖ **And the Hottest Trend of All, EDIBLE PLANTS. Stay tuned for Scott Calhoun's talk coming up next!**

