

**Native Plant Propagation Workshop**  
February 2, 2008 Zion National Park Greenhouse  
Instructors: Rick Heflebower, Utah State University  
Margaret Malm, Zion National Park

**Shrubs:**

Utah Serviceberry *Amelanchier utahensis* dense shrub growing 6-8 feet tall with small white flowers in spring

Sand Sagebrush *Artemisia filifolia* fine-leaved sage brush found in sandy areas

Bush encelia *Encelia farinosa* stiff branched shrub with silvery leaves and yellow flowers

Apache Plume *Fallugia paradoxa* upright shrub growing 3-5 feet tall with white rose-like flowers in spring

Utah juniper *Juniperus utahensis* large evergreen shrub/tree adapted to high desert landscapes

Cliffrose *Purshia mexicana* deciduous shrub growing to 4 feet with aromatic yellow flowers in spring

Purple sage *Salvia dorrii* evergreen shrub native to high desert blueish-purple flowers develop in late spring

**Herbs:**

Grey aster *Aster glaucodes* a rhizomatous perennial with lavender flowers forming in mid-summer

Desert Marigold *Baileya multiradiata* 1-2 inch yellow flowers appear on top of grey green foliage, self seeds easily

Silvery lupine *Lupinus argenteus* bluish-lavender flowers borne on stems 2 feet high and 1 foot wide

Tansy-aster *Machaeranthera canescens* a composite with an upright growth habit and deep blue flowers blooming in summer

Desert four O'clock *Mirabilis multiflora* plant has a spreading growth habit to 5 feet and 1 foot high. Deep blue flowers appear in early spring

Hooker Evening primrose *Oenothera elata* plants are up to 3 feet tall with blooms open in evening nearly all summer

Penstemons are some of the showiest flowers in the desert landscape. The blooms come in a variety of colors. They need very little water once established.

Palmer penstemon *Penstemon palmeri*

Thickleaf penstemon *Penstemon pachyphyllus*

Magenta penstemon *Penstemon s.*

**Grasses:**

Purple Three-awn *Aristida purpurea* a perennial bunchgrass with a three pronged seed head that takes on a purple color as it matures

Squirreltail *Elymus elymoides* the seed head on this grass opens when mature resembling a squirrel's tail

Fendler's bluegrass, Mutton grass *Poa fendleriana* seed head is similar to bluegrass

Desert needlegrass *Stipa speciosa* 1-2 foot high bunchgrass with very fine needle-like seed heads