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## CHECKLIST OF PLANTS OF THE SHIWWITS PLATEAU PORTION OF LAKE MEAD NATIONAL RECREATION AREA

*Updated July 2003*

### INTRODUCTION

This list contains the species of plants recorded from and collected on the Shivwits Plateau portion of Lake Mead National Recreation Area and Parashant National Monument. The Shivwits Plateau portion of Lake Mead National Recreation Area contains these geographical areas: Whitmore Point, portions of Andrus and Parashant Canyons, Paws Pocket area, Kelly Point, Suicide Point, Twin Point, Burnt Canyon Point, and Mt. Dellenbaugh area. The format for this list is scientific name in italics; common name in bold; life form; abundance, habitat, and/or area where collected. Alien and rare species are so noted. Life forms used are annual, biennial, perennial herb, perennial vine, perennial, shrub, and tree. Abundance is noted as common, occasional, uncommon, or rare. Common means species is often encountered in proper habitat, occasional means that species may be found in proper habitat, uncommon means that species is not often encountered in proper habitat, and rare means that there are only a few occurrences of this species within Lake Mead NRA.

### FERNS AND FERN ALLIES

#### EQUISETACEAE - Horsetail Family

\_\_\_ *Equisetum hyemale* ssp. *affine* **Common scouringrush** Perennial. Rare. Whitmore Canyon.

#### DRYOPTERIDACEAE- Wood fern family

\_\_\_ *Woodsia oregana* **Oregon woodsia** Perennial. Rare. Cliffs, sagebrush, pinyon-juniper, ponderosa pine.

#### PTERIDACEAE- Brake family

\_\_\_ *Cheilanthes feei* **Fee's lipfern** Perennial. Crevices, limestone, sagebrush, pinyon-juniper woodland, ponderosa pine.

\_\_\_ *Cheilanthes parryii* (= *Notholaena parryii*) **Parry's cloakfern** Perennial. Crevices, rocky places, desert shrub.

\_\_\_ *Notholaena sinuata* var. *cochisensis* (= *N. cochisensis*) **Cloakfern** Perennial. Rocky places at lower elevation.

\_\_\_ *Pellaea limitanea* **Border cloakfern** Perennial. Uncommon. Sandstone Canyon.

\_\_\_ *Pellaea truncata* **Spiny cliffbrake** Perennial. Rocky places, pinyon-juniper, ponderosa pine.

### GYMNOSPERMS

#### CUPRESSACEAE- Cypress family

\_\_\_ *Juniperus monosperma* **One seed juniper** Tree. Uncommon. Pinyon-juniper woodland.

\_\_\_ *Juniperus osteosperma* **Utah juniper** Tree. Common. Co-dominant of pinyon-juniper woodland.

#### PINACEAE- Pine family

\_\_\_ *Pinus edulis* **Two-leaf pinyon pine** Tree. Common. Occasional in pinyon-juniper woodland.

\_\_\_ *Pinus monophylla* **One-leaf pinyon pine** Tree. Common. Co-dominant of pinyon-juniper woodland.

\_\_\_ *Pinus ponderosa* **Ponderosa pine** Tree. Common. Dominant of ponderosa pine woodland.

#### EPHEDRACEAE- Ephedra family

\_\_\_ *Ephedra fasciculata* **Mohave ephedra** Shrub. Uncommon.

\_\_\_ *Ephedra nevadensis* **Nevada ephedra** Shrub. Occasional.

\_\_\_ *Ephedra torreyana* **Torrey ephedra** Shrub. Common.

\_\_\_ *Ephedra trifurca* **Longleaf ephedra** Shrub. Uncommon.

\_\_\_ *Ephedra viridis* **Green ephedra** Shrub. Occasional. Blackbrush and pinyon-juniper woodland.

### ANGIOSPERMS

#### DICOTS

Plants of the Shivwits Plateau

### ACERACEAE- Maple family

\_\_\_ *Acer negundo* **Boxelder** Tree. Riparian areas in limestone canyons.

### AMARANTHACEAE- Amaranth family

- \_\_\_ *Amaranthus albus* **Tumble amaranth** Annual. Occasional. ALIEN.  
\_\_\_ *Amaranthus blitoides* **Prostrate pigweed** Annual. Open sites and disturbed areas.  
\_\_\_ *Amaranthus fimbriatus* **Fringed amaranth** Annual. Stream channels, roadsides, disturbed areas.  
\_\_\_ *Amaranthus palmeri* **Palmer amaranth** Annual. Uncommon.  
\_\_\_ *Tidestromia oblongifolia* **Honeysweet** Perennial herb. Creosotebush.

### ANACARDIACEAE- Sumac family; Cashew family

\_\_\_ *Rhus trilobata* **Skunkbush** Shrub. Pinyon-juniper woodland.

### APIACEAE- Carrot family

- \_\_\_ *Cymopterus multinervatus* **Purplenerve spring parsley** Perennial herb. Paws Pocket.  
\_\_\_ *Cymopterus purpurascens* **Widewing spring parsley** Tuberos perennial herb. Sagebrush, pinyon-juniper, ponderosa pine woodland.  
\_\_\_ *Lomatium foeniculaceum* var. *macdougalii* **Lomatium** Tuberos perennial herb. Pinyon-juniper woodlands.  
\_\_\_ *Lomatium nevadense* **Nevada lomatium** Perennial herb.  
\_\_\_ *Yabea microcarpa* **California hedge parsley** Annual. Sandstone Canyon.

### APOCYNACEAE- Dogbane family

- \_\_\_ *Amsonia jonesii* **Jones amsonia** Perennial herb. Occasional.  
\_\_\_ *Amsonia palmeri* **Palmer's amsonia** Perennial herb. Rare.  
\_\_\_ *Amsonia tomentosa* **Woolly amsonia** Perennial herb. Blackbrush, desert shrub.  
\_\_\_ *Apocynum cannabinum* (= *A. sibiricum*) **Siberian dogbane** Perennial herb. Canyons, streambanks, roadsides.

### ASCLEPIADACEAE- Milkweed family

- \_\_\_ *Asclepias asperula* **Spider milkweed** Perennial herb. Desert shrub to ponderosa pine.  
\_\_\_ *Asclepias subverticillata* **Whorled milkweed** Perennial herb. Occasional. Roadsides and disturbed sites.  
\_\_\_ *Matelea producta* **Anglepod** Perennial vine. Rare.  
\_\_\_ *Sarcostemma cynanchoides* **Climbing milkweed** Perennial vine. Rare.

### ASTERACEAE- Sunflower family

- \_\_\_ *Acourtia* (= *Perezia*) *wrightii* **Wrights perezia** Perennial herb. Pinyon-juniper woodland.  
\_\_\_ *Agoseris glauca* **Mountain dandelion** Perennial herb. Gambles oak woodland, meadows.  
\_\_\_ *Ambrosia acanthicarpa* **Sand bursage** Annual. Sandy soils, Whitmore wash.  
\_\_\_ *Ambrosia confertiflora* **Mexican ragweed** Perennial herb. Uncommon.  
\_\_\_ *Ambrosia psilostachya* **Western ragweed** Annual. Wash gravels in Whitmore Canyon.  
\_\_\_ *Artemisia bigelovii* **Flat sagebrush** Shrub. Uncommon, west of Mt. Dellenbaugh fire camp.  
\_\_\_ *Artemisia dracunculoides* **Dragon sagewort** Perennial herb. Uncommon.  
\_\_\_ *Artemisia filifolia* **Sand sagebrush** Shrub. Whitmore canyon.  
\_\_\_ *Artemisia frigida* **Fringed sagebrush** Shrub. Sagebrush, pinyon-juniper, ponderosa pine.  
\_\_\_ *Artemisia ludoviciana* ssp. *albula* **Western mugwort** Perennial herb. Whitmore Canyon.  
\_\_\_ *Artemisia ludoviciana* ssp. *sulcata* **Western mugwort** Perennial herb. Whitmore Canyon.  
\_\_\_ *Artemisia tridentata* **Big sagebrush** Shrub. Common. Sagebrush dominant.  
\_\_\_ *Aster ascendens* **Eatons aster** Perennial herb. Sagebrush association.  
\_\_\_ *Baccharis sergiloides* **Desert baccharis** Shrub. Occasional.  
\_\_\_ *Baileya multiradiata* **Desert marigold** Perennial herb. Roadsides and washes.  
\_\_\_ *Bebbia juncea* var. *aspera* **Sweetbush** Shrub. Common.  
\_\_\_ *Brickellia atractyloides* **Spiny brickellbush** Shrub. Occasional.  
\_\_\_ *Brickellia californica* **California brickellbush** Shrub. Green Spring Canyon.  
\_\_\_ *Brickellia longifolia* **Willowleaf brickellbush** Shrub. Whitmore Canyon, plateau rim.  
\_\_\_ *Brickellia microphylla* **Rough brickellbush** Shrub. Rare.  
\_\_\_ *Chaenactis douglasii* **Douglas pincushion** Annual. Sagebrush.  
\_\_\_ *Chaenactis macrantha* **Mojave pincushion** Annual. Occasional.  
\_\_\_ *Chaenactis stevioides* **Desert pincushion** Annual. Common.  
\_\_\_ *Chaetopappa* (= *Leucelene*) *ericoides* **Rose heath** Perennial herb. Sagebrush in limestone.  
\_\_\_ *Chrysopsis villosa* **Golden aster** Perennial herb. Uncommon. Whitmore Canyon.  
\_\_\_ *Chrysothamnus depressus* **Dwarf rabbitbrush** Shrub. Sagebrush.  
\_\_\_ *Chrysothamnus Greenei* **Greenes rabbitbrush** Shrub. Rare.  
\_\_\_ *Chrysothamnus nauseosus* **Rubber rabbitbrush** Shrub. Washes and meadows, sagebrush.  
\_\_\_ *Chrysothamnus paniculatus* **Mohave rabbitbrush** Shrub. Riparian. Whitmore canyon.  
\_\_\_ *Chrysothamnus vicidiflorus* **Sticky rabbitbrush** Shrub. Whitmore canyon.  
\_\_\_ *Cirsium arizonicum* **Arizona thistle** Biennial. Clay soils in sagebrush.  
\_\_\_ *Cirsium calcareum* (= *C. pulchellum*) **Thistle** Biennial. Uncommon. Twin Point turnoff.  
\_\_\_ *Cirsium neomexicanum* **New Mexico thistle** Biennial. Washes, moist places.

- \_\_\_ *Conyza canadensis* **Horseweed** Annual. Moist disturbed sites.  
 \_\_\_ *Crepis intermedia* **Grays hawkbeard** Perennial herb. Sagebrush and pinyon-juniper.  
 \_\_\_ *Dyssodia acerosa* **Dogweed** Perennial herb. Blackbrush. Whitmore Canyon.  
 \_\_\_ *Encelia farinosa* **Brittlebush** Shrub. Common.  
 \_\_\_ *Encelia frutescens* **Bush encelia** Shrub. Sand, washes. Whitmore Canyon.  
 \_\_\_ *Ericameria laricifolia* (= *Haplopappus laricifolia*) **Turpentine brush** Shrub. Uncommon.  
 \_\_\_ *Ericameria linearifolia* (= *Haplopappus linearifolia*) **Mohave goldenbush** Shrub. Occasional.  
 \_\_\_ *Erigeron divergens* **Spreading fleabane** Perennial herb. Riparian, sagebrush, ponderosa pine.  
 \_\_\_ *Erigeron engelmannii* **Engelmanns daisy** Perennial herb.  
 \_\_\_ *Erigeron flagellaris* Gray **Trailing daisy** Biennial or Perennial herb. Uncommon. Sagebrush and pinyon juniper. Green Spring.  
 \_\_\_ *Erigeron lobatus* **Lobeleaf fleabane** Annual. Uncommon.  
 \_\_\_ *Erigeron pumilus* **Hairy fleabane** Perennial herb. Sagebrush.  
 \_\_\_ *Erigeron utahensis* **Utah fleabane** Perennial herb. Pinyon-juniper.  
 \_\_\_ *Filago californica* **Fluffweed** Annual. Uncommon.  
 \_\_\_ *Gaillardia pinnatifida* **Hopi blanketflower** Perennial herb. Sagebrush, Whitmore Canyon.  
 \_\_\_ *Gutierrezia microcephala* **Matchweed** Shrub. Blackbrush, sagebrush, pinyon-juniper.  
 \_\_\_ *Gutierrezia sarothrae* **Snakeweed** Shrub. Disturbed sites sagebrush, pinyon-juniper.  
 \_\_\_ *Helianthus annuus* **Common sunflower** Annual. Sagebrush, pinyon-juniper woodland, ponderosa pine woodland.  
 \_\_\_ *Helianthus ciliaris* **Blueweed** Perennial herb. Mt. Dellenbaugh fire camp. ALIEN.  
 \_\_\_ *Helioneris multiflora* var. *nevadensis* (= *Viguiera multiflora*) **Showy goldeneye** Perennial herb. Ponderosa pine woodland.  
 \_\_\_ *Heliopsis parvifolia* **Mountain oxeeye** Perennial herb. Rare.  
 \_\_\_ *Hesperodoria salicina* (= *Haplopappus salicina*) **Willow glowweed** Shrub. Rare.  
 \_\_\_ *Hesperodoria scopulorum* (= *Haplopappus scopulorum*) **Spiny goldenbush** Shrub. Uncommon.  
 \_\_\_ *Hymenopappus filifolius* var. *lugens* **Cutleaf** Perennial herb. Ponderosa pine. Mt. Dellenbaugh fire camp.  
 \_\_\_ *Hymenoxys acaulis* **Stemless woollybase** Perennial herb. Pinyon-juniper.  
 \_\_\_ *Hymenoxys cooperi* **Cooper goldflower** Biennial. Pinyon-juniper.  
 \_\_\_ *Iva axillaris* **Poverty weed** Perennial herb. Moist, disturbed places.  
 \_\_\_ *Lactuca serriola* **Prickly lettuce** Annual. ALIEN  
 \_\_\_ *Layia glandulosa* **White layia** Annual. Uncommon.  
 \_\_\_ *Lepidospartum latisquamum* **Nevada broomshrub** Shrub. Rare. Cane Spring  
 \_\_\_ *Machaeranthera canescens* var. *canescens* (= *M. tephrodes*) **Hoary aster** Biennial. Green Spring Canyon.  
 \_\_\_ *Machaeranthera gracilis* (= *Haplopappus gracilis*) **Slender goldenweed** Annual. Pinyon-juniper woodland, ponderosa pine woodland. Whitmore Canyon.  
 \_\_\_ *Machaeranthera pinnatifida* var. *gooddingii* (= *Haplopappus gooddingii*) **Spiny goldenbush** Shrub. Whitmore Canyon.  
 \_\_\_ *Malacothrix coulteri* **Snakeshead** Annual.  
 \_\_\_ *Malacothrix glabrata* **Desert dandelion** Annual. Whitmore Canyon.  
 \_\_\_ *Melampodium leucanthum* **Blackfoot daisy** Perennial herb. Whitmore Canyon.  
 \_\_\_ *Parthenium incanum* **Mariola** Shrub. Rare.  
 \_\_\_ *Pectis papposa* **Chinchweed** Annual. Creosotebush shrub.  
 \_\_\_ *Perityle congesta* (= *Laphamia congesta*) **Compact rockdaisy** Perennial herb. Limestone outcrops.  
 \_\_\_ *Perityle emoryi* **Rockdaisy** Annual. Whitmore Canyon.  
 \_\_\_ *Peucephyllum schottii* **Pygmy cedar** Shrub. Whitmore Canyon.  
 \_\_\_ *Pleurocoronis pluriseta* (= *Hofmeisteria pluriseta*) **Arrowleaf** Shrub. Whitmore Canyon.  
 \_\_\_ *Porophyllum gracile* **Odora** Subshrub. Whitmore Canyon.  
 \_\_\_ *Prenanthes exiguus* (= *Lygodesmia exiguus*) **Prenanthes** Annual. Occasional.  
 \_\_\_ *Psilostrophe sparsiflora* **Greenstem paperflower** Perennial herb. Sagebrush, pinyon-juniper.  
 \_\_\_ *Rafinesquia californica* **California chicory** Annual. Uncommon.  
 \_\_\_ *Rafinesquia neomexicana* **Desert chicory** Annual. Common.  
 \_\_\_ *Sanvitalia abertii* **Aberts sanvitalia** Annual. Sagebrush, ponderosa pine.  
 \_\_\_ *Senecio flaccidus* var. *douglasii* **Douglas groundsel** Shrub. Washes, Whitmore canyon.  
 \_\_\_ *Senecio flaccidus* var. *longilobus* **Groundsel** Perennial herb. Areas of sparse vegetation.  
 \_\_\_ *Senecio flaccidus* var. *monoensis* **Mono groundsel** Shrub. Blackbrush, pinyon-juniper.  
 \_\_\_ *Senecio multilobatus* **Unita groundsel** Perennial herb. Sagebrush, pinyon-juniper.  
 \_\_\_ *Solidago sparsiflora* **Alcove goldenrod** Perennial herb. Pinyon-juniper, sagebrush, ponderosa pine.  
 \_\_\_ *Sonchus asper* ssp. *asper* **Prickly sowthistle** Annual. Mud Spring. ALIEN.  
 \_\_\_ *Stephanomeria exigua* **Annual mitra** Annual. Whitmore Canyon.  
 \_\_\_ *Stephanomeria tenuifolia* **Slender wirelettuce** Perennial herb. Uncommon. Whitmore Canyon.  
 \_\_\_ *Stylocline micropoides* **Desert neststraw** Annual. Paws Pocket.  
 \_\_\_ *Taraxacum officinale* **Dandelion** Perennial herb. Meadow north of Mt. Dellenbaugh fire camp. ALIEN.  
 \_\_\_ *Thelesperma subnudum* **Scapose greenthread** Perennial herb. Ponderosa pine, sagebrush.  
 \_\_\_ *Thymophylla pentachaeta* (= *Dyssodia pentachaeta*) **Scale glandweed** Low shrub. Below 38000 feet.  
 \_\_\_ *Townsendia incana* **Silvery townsendia** Perennial herb. Ponderosa pine, sagebrush.  
 \_\_\_ *Tragopogon dubius* **Goatsbeard, Yellow salsify** Perennial herb. Disturbed sites, ponderosa pine woodland. ALIEN.  
 \_\_\_ *Uropappus lindleyi* (= *Microseris lindleyi*) **Silver stars, Silver puffs** Annual. Whitmore Canyon.  
 \_\_\_ *Verbescina encelioides* var. *exauriculata* **Golden crownbeard** Annual. Occasional. Pinyon-juniper.  
 \_\_\_ *Xanthium strumarium* (= *X. saccharatum*) **Cocklebur** Annual. Paws Pocket.  
 \_\_\_ *Xylorhiza tortifolia* var. *tortifolia* (= *Machaeranthera tortifolia*) **Desert aster** Shrub. Cane Spring.

### **BERBERIDACEAE- Barberry family**

\_\_\_ *Berberis fremontii* **Barberry** Shrub. Mostly in pinyon-juniper woodlands.

### **BORAGINACEAE- Borage family**

- \_\_\_ *Amsinckia menziesii* var. *intermedia* (= *A. intermedia*) **Menzies fiddleneck** Annual. Common.  
\_\_\_ *Amsinckia tessellata* **Rough fiddleneck** Annual. Occasional.  
\_\_\_ *Cryptantha ambigua* **Wilkes fiddleneck** Annual. Occasional.  
\_\_\_ *Cryptantha angustifolia* **Narrowleaf cryptantha** Annual. Common.  
\_\_\_ *Cryptantha barbiger* **Bearded cryptantha** Annual. Occasional.  
\_\_\_ *Cryptantha confertiflora* **Golden cryptantha** Perennial herb. Desert shrub to ponderosa pine.  
\_\_\_ *Cryptantha decipiens* **Beguiling cryptantha** Annual. Occasional.  
\_\_\_ *Cryptantha fendleri* **Fendlers cryptantha** Annual. Occasional.  
\_\_\_ *Cryptantha gracilis* **Slender cryptantha** Annual. Desert shrub to pinyon-juniper, sagebrush.  
\_\_\_ *Cryptantha holoptera* (= *C. inaequata*) **Winged cryptantha** Annual. Occasional.  
\_\_\_ *Cryptantha maritima* **Guadalupe cryptantha** Annual. Occasional.  
\_\_\_ *Cryptantha nevadensis* **Nevada cryptantha** Annual. Occasional.  
\_\_\_ *Cryptantha pterocarya* **Wingnut cryptantha** Annual. Common.  
\_\_\_ *Cryptantha racemosa* **Baja cryptantha** Annual. Creosotebush and Joshua tree.  
\_\_\_ *Cryptantha recurvata* **Recurved cryptantha** Annual. Rare.  
\_\_\_ *Cryptantha utahensis* **Scented cryptantha** Annual. Occasional.  
\_\_\_ *Cryptantha virginensis* **Virgin River cryptantha** Biennial or Perennial herb. Occasional.  
\_\_\_ *Lappula redowskii* (= *L. occidentalis*) **Western stickseed** Annual. Sagebrush to ponderosa pine.  
\_\_\_ *Lithospermum incisum* **Showy stoneseed** Perennial. Sagebrush to ponderosa pine.  
\_\_\_ *Pectocarya heterocarpa* **Unequal combseed** Annual. Occasional.  
\_\_\_ *Pectocarya platycarpa* **Flattened combseed** Annual. Common.  
\_\_\_ *Pectocarya recurvata* **Bent combseed** Annual. Occasional.  
\_\_\_ *Plagiobothrys arizonicus* **Arizona popcornflower** Annual. Occasional.  
\_\_\_ *Plagiobothrys jonesii* **Jones popcornflower** Annual. Occasional.  
\_\_\_ *Plagiobothrys leptocladus* **Hairy popcornflower** Annual.  
\_\_\_ *Tiquilia canescens* **Woody tiquilia** Perennial herb. Occasional.  
\_\_\_ *Tiquilia latior* (= *T. hispidissima*) **Matted tiquilia** Perennial. Sand, desert shrub to pinyon-juniper.

### **BRASSICACEAE- Mustard family**

- \_\_\_ *Arabis gracilipes* **Rockcress** Perennial herb. Pinyon-juniper.  
\_\_\_ *Arabis perennans* **Common rockcress** Perennial herb. Blackbrush, pinyon-juniper.  
\_\_\_ *Capsella bursa-pastoris* **Shephards purse** Annual. Invader of disturbed moist habitats. ALIEN.  
\_\_\_ *Chorispora tenella* **Musk mustard** Annual. Pinyon-juniper. ALIEN.  
\_\_\_ *Descurainia obtusa* **Desert tansymustard** Annual. Green Spring canyon.  
\_\_\_ *Descurainia sophia* **Flixweed** Annual. Widespread on disturbed sites. ALIEN.  
\_\_\_ *Draba cuneifolia* **Wedgeleaf** Annual. Desert shrub to ponderosa pine.  
\_\_\_ *Erysimum capitatum* **Wallflower** Perennial herb. Blackbrush, sagebrush, pinyon-juniper.  
\_\_\_ *Erysimum repandum* **Spreading wallflower** Annual. Disturbed sites, sagebrush, pinyon-juniper woodland. ALIEN.  
\_\_\_ *Guillenia lasiophylla* (= *Thelypodium lasiophylla*, *Caulanthus lasiophyllus*) **California mustard** Annual. Whitmore Canyon.  
\_\_\_ *Lepidium densiflorum* **Densecress** Annual. Green Spring canyon.  
\_\_\_ *Lepidium fremontii* **Desert alyssum** Shrub. Creosotebush, blackbrush.  
\_\_\_ *Lepidium lasiocarpum* var. *lasiocarpum* **Peppergrass** Annual. Dansill Canyon.  
\_\_\_ *Lepidium montanum* var. *glabrum* **Mountain pepperplant** Perennial herb.  
\_\_\_ *Lesquerella arizonica* **Arizona beadpod** Perennial. Occasional. Dansill Canyon.  
\_\_\_ *Lesquerella intermedia* **Watsons bladderpod** Perennial herb. Sagebrush to ponderosa pine.  
\_\_\_ *Sisymbrium ambiguum* **Showy mustard** Perennial herb. Sanup and Shivwits Plateau.  
\_\_\_ *Sisymbrium irio* **London rocket** Annual. Disturbed sites. ALIEN.  
\_\_\_ *Stanleya pinnata* **Princes plume** Perennial. Desert shrub to pinyon-juniper.  
\_\_\_ *Streptanthella longirostris* **Longbeak twistflower** Annual. Whitmore overlook.  
\_\_\_ *Streptanthus cordatus* **Twistflower** Perennial. Sagebrush, pinyon-juniper.  
\_\_\_ *Thelypodium wrightii* **Wrights thelypody** Annual. Green Spring Canyon.  
\_\_\_ *Thysanocarpus curvipes* **Lacepod, Fringepod** Annual. Whitmore Canyon.

### **CACTACEAE- Cactus family**

- \_\_\_ *Echinocereus engelmannii* **Hedgehog cactus** Perennial. Desert shrub, pinyon-juniper.  
\_\_\_ *Echinocereus fasciculatus* **Arizona hedgehog** Perennial. Weathered sandstone, lower Whitmore Canyon.  
\_\_\_ *Echinocereus triglochidiatus* **Claretcup** Perennial. Desert shrub to pinyon-juniper.  
\_\_\_ *Escobaria* (= *Coryphantha*) *vivipara* var. *arizonica* **Arizona pincushion cactus** Perennial. Desert shrub, pinyon-juniper woodland.  
\_\_\_ *Ferocactus cylindraceus* (= *F. acanthodes*) **Barrel cactus** Perennial. Desert shrub, Joshua tree.  
\_\_\_ *Mammillaria tetrancistra* **Fishhook cactus, Pincushion cactus** Perennial. Occasional.  
\_\_\_ *Opuntia acanthocarpa* **Buckhorn cholla** Perennial. Creosotebush, Joshua tree.  
\_\_\_ *Opuntia basilaris* **Beavertail cactus** Perennial. Desert shrub.  
\_\_\_ *Opuntia chlorotica* **Pancake pricklypear** Perennial. Creosotebush, blackbrush.  
\_\_\_ *Opuntia echinocarpa* **Silver cholla** Perennial. Creosotebush, blackbrush.

- \_\_\_ *Opuntia erinacea* **Old man pricklypear** Perennial. Desert shrub.
- \_\_\_ *Opuntia macrorhiza* **Plains pricklypear** Perennial. Desert shrub to ponderosa pine, rd to Twin Pt.
- \_\_\_ *Opuntia phaeacantha* **Berry pricklypear** Perennial. Desert shrub, sagebrush, pinyon-juniper.
- \_\_\_ *Opuntia polyacantha* **Central pricklypear** Perennial. Desert shrub, pinyon-juniper, sagebrush.
- \_\_\_ *Opuntia whipplei* **Whipples cholla** Perennial. Desert shrub to pinyon-juniper.
- \_\_\_ *Pediocactus simpsonii* **Simpsons footcactus** Perennial. Sagebrush, pinyon-juniper.

**CAMPANULACEAE - Bellflower Family**

- \_\_\_ *Nemacladus glanduliferus* **Slender threadplant** Annual. Paws Pocket.

**CAPPARACEAE- Caper Family**

- \_\_\_ *Polanisia dodecandra* ssp. *trachysperma* . **Clammy weed** Annual. Uncommon.

**CAPRIFOLIACEAE- Honeysuckle family**

- \_\_\_ *Symphoricarpos longiflorus* **Fragrant snowberry** Shrub. Desert shrub to ponderosa pine.
- \_\_\_ *Symphoricarpos rotundifolius* var. *parishii* (= *S. parishii*) **Mountain snowberry** Shrub. Ponderosa pine woodland.

**CARYOPHYLLACEAE- Pink family**

- \_\_\_ *Arenaria aberans* **Sandwort** Perennial herb. Oak and ponderosa pine.
- \_\_\_ *Arenaria fendleri* **Fendlers sandwort** Perennial herb. Occasional.
- \_\_\_ *Arenaria macradenia* **Shrubby sandwort** Subshrub. Creosotebush to ponderosa pine.
- \_\_\_ *Silene antirrhina* **Annual catchfly** Annual. Whitmore Canyon.

**CELASTRACEAE- Staff tree family**

- \_\_\_ *Canotia holacantha* **Canotia** Shrub. Rare. Whitmore overlook.
- \_\_\_ *Mortonia utahensis* **Mortonia** Shrub. Creosotebush on limestone.

**CHENOPODIACEAE- Goosefoot family**

- \_\_\_ *Atriplex canescens* **Four-wing saltbush** Shrub. Subsaline soils, Joshua tree to pinyon-juniper.
- \_\_\_ *Chenopodium album* **Lambs quarters; pigweed** Annual. Disturbed habitats. ALIEN.
- \_\_\_ *Chenopodium berlandieri* **Berlandieris pigweed** Annual. Occasional weed in waste places. ALIEN.
- \_\_\_ *Chenopodium botrys* **Jerusalem oak** Annual. Uncommon. ALIEN.
- \_\_\_ *Chenopodium fremontii* **Fremonts goosefoot** Annual. Paws Pocket.
- \_\_\_ *Grayia spinosa* **Hopsage** Shrub. Blackbrush, sagebrush, pinyon-juniper.
- \_\_\_ *Krascheninnikovia lanata* (= *Eurotia lanata* = *Ceratoides lanata*) **Winterfat** Shrub. Whitmore Canyon.
- \_\_\_ *Monolepis nuttalliana* **Povertyweed** Annual. Blackbrush to ponderosa pine.

**CONVOLVULACEAE- Morning glory family**

- \_\_\_ *Convolvulus arvensis* **Bindweed** Herbaceous perennial. Disturbed soils to 2800 m. ALIEN.

**CROSSOSOMATACEAE-Crossosoma Family**

- \_\_\_ *Crossosoma bigelovii* **Ragged rockflower** Shrub. Uncommon. Whitmore Canyon.
- \_\_\_ *Glossopetalon spinescens* **Nevada greasewood** Shrub. Mollies Nipple, Whitmore Canyon.

**ELAEAGNACEAE- Oleaster family**

- \_\_\_ *Shepherdia rotundifolia* **Roundleaf buffaloberry** Shrub. Blackbrush to ponderosa pine.

**ERICACEAE- Heath family**

- \_\_\_ *Arctostaphylos pungens* **Mexican manzanita** Shrub. Pinyon-juniper, live oak.

**EUPHORBIACEAE- Spurge family**

- \_\_\_ *Bernardia myricifolia* (= *B. incana*) **Western bernardia** Shrub. Lower Grand Canyon and Whitmore Point.
- \_\_\_ *Chamaesyce albomarginata* (= *Euphorbia a.*) **Sandmat, Rattlesnake weed** Perennial herb. Creosotebush shrubland to pinyon-juniper woodland.
- \_\_\_ *Chamaesyce fendleri* (= *Euphorbia f.*) **Fendlers spurge** Perennial herb. Creosotebush to ponderosa pine.
- \_\_\_ *Chamaesyce polycarpa* (= *Euphorbia p.*) **Smallseed sandmat** Perennial herb. Creosotebush.
- \_\_\_ *Chamaesyce revoluta* (= *Euphorbia r.*) **Revolute spurge** Annual. Creosotebush, Joshua tree.
- \_\_\_ *Chamaesyce serpyllifolia* (= *Euphorbia s.*) **Thymeleaf spurge** Annual. Uncommon.
- \_\_\_ *Euphorbia brachycera* Engelm. **Shorthorn spurge** Perennial. Occasional.
- \_\_\_ *Euphorbia incisa* **Mojave spurge** Perennial herb. Dry washes at mid to high elevations
- \_\_\_ *Tragia ramosa* **Noseburn** Perennial herb.

**FABACEAE- Legume family**

- \_\_\_ *Alhagi pseudalhagi* **Camelthorn** Shrub. Rare. Whitmore Canyon. ALIEN.
- \_\_\_ *Astragalus amphioxys* var. *amphioxys* **Crescent milkvetch** Perennial herb. Blackbrush, pinyon-juniper woodland.
- \_\_\_ *Astragalus amphioxys* var. *modestus* **Crescent milkvetch** Perennial herb. Rare.
- \_\_\_ *Astragalus calycosus* var. *scaposus* **Scapose milkvetch** Perennial herb. Blackbrush, sagebrush, pinyon-juniper woodland.
- \_\_\_ *Astragalus eremiticus* Sheldon **Hermit milkvetch** Perennial herb. Occasional.

- \_\_\_ *Astragalus humistratus* var. *hosackiae* **Groundcover milkvetch** Perennial herb. Pinyon-juniper woodland, ponderosa pine.  
 \_\_\_ *Astragalus humistratus* var. *humivagans* **Groundcover milkvetch** Perennial herb. Pinyon-juniper woodland, ponderosa pine.  
 \_\_\_ *Astragalus humistratus* var. *tenerrimus* **Groundcover milkvetch** Perennial herb. Uncommon. Mt. Dellenbaugh.  
 \_\_\_ *Astragalus lentiginosus* var. *palans* **Straggling milkvetch** Perennial herb. Blackbrush, pinyon-juniper woodland.  
 \_\_\_ *Astragalus lentiginosus* var. *trumbullensis* **Parashant milkvetch** Perennial herb. Uncommon. Andrus Canyon.  
 \_\_\_ *Astragalus lentiginosus* var. *vitreus* **Glass milkvetch** Perennial herb. Ponderosa pine.  
 \_\_\_ *Astragalus nuttallianus* var. *micranthiformis* **Turkey peas** Annual. Occasional. Andrus Canyon.  
 \_\_\_ *Astragalus oophorus* var. *caulescens* **Pallid egg milkvetch** Perennial herb, sagebrush, pinyon-juniper.  
 \_\_\_ *Astragalus praelongus* var. *praelongus* **Stinking milkvetch** Perennial herb. Dansill Canyon.  
 \_\_\_ *Calliandra humilis* var. *reticulata* **Fairy duster** Perennial herb. Ponderosa pine woodland.  
 \_\_\_ *Cercis occidentalis* **Western redbud** Small tree. Parashant canyon.  
 \_\_\_ *Dalea candida* **Prairieclover** Perennial herb. Sagebrush, ponderosa pine.  
 \_\_\_ *Dalea searlsiae* **Searls prairieclover** Perennial herb. Sagebrush, pinyon-juniper, ponderosa pine.  
 \_\_\_ *Desmanthus cooleyi* **Bundleflower** Perennial herb. Sagebrush, ponderosa pine.  
 \_\_\_ *Lathyrus brachycalyx* ssp. *zionis* **Zion sweetpea** Perennial. Uncommon. Mt. Dellenbaugh.  
 \_\_\_ *Lathyrus eucosmus* **Seemly sweetpea** Perennial herb. Desert shrub, pinyon-juniper.  
 \_\_\_ *Lotus humistratus* **Low trefoil** Annual. Paws Pocket.  
 \_\_\_ *Lotus wrightii* **Wrights trefoil** Perennial herb. Pinyon-juniper, ponderosa pine woodlands.  
 \_\_\_ *Lupinus argenteus* **Silvery lupine** Perennial herb. Green Spring canyon.  
 \_\_\_ *Lupinus caudatus* **Tailcup lupine** Perennial. Occasional. Mt. Dellenbaugh.  
 \_\_\_ *Lupinus concinnus* **Bajada lupine, Elegant lupine** Annual. Paws Pocket.  
 \_\_\_ *Lupinus flavoculatus* **Yelloweye lupine** Annual. Whitmore Canyon.  
 \_\_\_ *Lupinus hillii* **Hills lupine** Perennial herb. Ponderosa pine.  
 \_\_\_ *Lupinus kingii* **Kings lupine** Annual. Ponderosa pine.  
 \_\_\_ *Lupinus polyphyllus* **Showy lupine** Perennial. Uncommon.  
 \_\_\_ *Melilotus officinalis* **Yellow sweetclover** Annual. Roadsides, moist place, disturbed area. ALIEN.  
 \_\_\_ *Peteria thompsonae* **Thompsons peteria** Perennial. Occasional. Cane Spring.  
 \_\_\_ *Psoralidium* (= *Pediomelum*) *tenuiflora* **Thinflower scurfpea** Perennial herb. Pinyon-juniper, ponderosa pine woodland.  
 \_\_\_ *Psoralea fremontii* **Indigobush** Shrub. Creosotebush, blackbrush, pinyon-juniper.  
 \_\_\_ *Robinia neomexicana* **New Mexico locust** Shrub or small tree. Live oak, sagebrush, pinyon-juniper.  
 \_\_\_ *Senna bauhinoides* (= *Cassia bauhinoides*) **Twingleaf senna** Annual. Common. Whitmore Canyon.  
 \_\_\_ *Senna covesii* (= *Cassia covesii*) **Coues cassia** Subshrub. Whitmore overlook.  
 \_\_\_ *Vicia ludoviciana* var. *ludoviciana* (= *V. exigua*) **Deerpea vetch** Annual. Pinyon-juniper.

#### **FAGACEAE- Oak family**

- \_\_\_ *Quercus gambelii* **Gambels oak; scrub oak** Shrub or small tree. Sagebrush to ponderosa pine.  
 \_\_\_ *Quercus turbinella* **Turbinella live oak** Shrub. Pinyon-juniper, mountain shrub.

#### **FOUQUIERIACEAE- Ocotillo family**

- \_\_\_ *Fouquieria splendens* **Ocotillo** Shrub. Whitmore canyon.

#### **GARRYACEAE- Silk tassel family**

- \_\_\_ *Garrya flavescens* **Silk tassel bush** Shrub. Pinyon-juniper, ponderosa pine, mountain shrub.

#### **GENTIANACEAE- Gentian family**

- \_\_\_ *Swertia* (= *Frasera*) *albomarginata* **Desert elkweed** Perennial herb. Sagebrush, pinyon-juniper.

#### **GERANIACEAE- Geranium family**

- \_\_\_ *Erodium cicutarium* **Filaree** Annual. Widespread. ALIEN.  
 \_\_\_ *Erodium texanum* **Texas storksbill** Annual or biennial. Paws Pocket.  
 \_\_\_ *Geranium caespitosum* **James geranium** Perennial herb. Sagebrush, pinyon-juniper, ponderosa pine.  
 \_\_\_ *Geranium richardsonii* **Richardsons geranium** Perennial herb. Pinyon-juniper.

#### **GROSSULARIACEAE- Gooseberry family**

- \_\_\_ *Ribes cereum* **Wax currant, Squaw currant** Shrub. Sagebrush, pinyon-juniper, ponderosa pine.  
 \_\_\_ *Ribes velutinum* **Desert gooseberry** Shrub.

#### **HYDROPHYLLACEAE- Waterleaf family**

- \_\_\_ *Eucrypta micrantha* **Desert eucrypta** Annual. Whitmore Point.  
 \_\_\_ *Phacelia affinis* **Ally phacelia** Annual. Paws Pocket  
 \_\_\_ *Phacelia coerulea* **Blue phacelia** Annual. Rare. Paws Pocket  
 \_\_\_ *Phacelia crenulata* var. *ambigua* (= *P. ambigua*) **Fairy phacelia** Annual. Paws Pocket.  
 \_\_\_ *Phacelia cryptantha* **Cryptanth phacelia** Annual. Sandstone Canyon.  
 \_\_\_ *Phacelia filiformis* **Filiform phacelia** Annual. Uncommon. Whitmore Canyon.  
 \_\_\_ *Phacelia fremontii* **Yellow throats, Fremonts phacelia** Annual. Creosotebush to pinyon-juniper.  
 \_\_\_ *Phacelia glechomaefolia* **Canyon phacelia** Annual. Andrus Point.  
 \_\_\_ *Phacelia ivesiana* **Ives phacelia** Annual. Sand, creosotebush to pinyon-juniper.  
 \_\_\_ *Phacelia palmeri* **Palmers phacelia** Biennial. Gypsum soils, low to mid elevations.

- \_\_\_ *Phacelia pedicellata* **Specter phacelia** Annual. Whitmore Point.  
 \_\_\_ *Phacelia perityloides* var. *jaegeri* **Panamint phacelia** Perennial herb. Colorado River overlook.  
 \_\_\_ *Phacelia petrosa* **Forgotten phacelia** Annual. Uncommon. Andrus Canyon.  
 \_\_\_ *Phacelia rotundifolia* **Roundleaf phacelia** Annual. Whitmore overlook.  
 \_\_\_ *Phacelia vallis-mortae* **Death Valley phacelia** Annual. Whitmore Point.  
 \_\_\_ *Pholistoma auritum* **Desert fiestaflower** Annual. Whitmore overlook.  
 \_\_\_ *Tricardia watsonii* **Three hearts** Perennial herb. Rare. Cane Spring.

#### LAMIACEAE- Mint family

- \_\_\_ *Dracocephalum* (= *Moldavica*) *parviflorum* **Smallflower dragonhead** Annual. Sagebrush, pinyon-juniper woodland, ponderosa pine woodland.  
 \_\_\_ *Hedeoma drummondii* **Mock pennyroyal** Annual or perennial. Uncommon. Andrus Canyon.  
 \_\_\_ *Hedeoma nanum* **Dwarf pennyroyal** Perennial herb. Desert shrub, pinyon-juniper, ponderosa pine..  
 \_\_\_ *Marrubium vulgare* **Horehound** Perennial herb. Disturbed areas, roadsides. ALIEN.  
 \_\_\_ *Salvia dorrii* **Desert sage** Shrub. Paws Pocket.  
 \_\_\_ *Trichostema brachiatum* **Bluecurls** Annual. Rare.

#### LINACEAE- Flax family

- \_\_\_ *Linum aristatum* **Broom flax** Annual. Blackbrush to ponderosa pine.  
 \_\_\_ *Linum lewisii* **Blue flax** Perennial herb. Blackbrush and pinyon-juniper on Sanup and Shivwits.

#### LOASACEAE- Loasa family or Stickleaf family

- \_\_\_ *Mentzelia albicaulis* **Whitestem blazingstar** Annual. Creosotebush to ponderosa pine woodland.  
 \_\_\_ *Mentzelia integra* (= *M. lobata*) **Virgin stickleaf** Perennial. Cane Spring.  
 \_\_\_ *Mentzelia multiflora* **Desert stickleaf** Perennial. Uncommon. Whitmore Point.  
 \_\_\_ *Mentzelia nitens* **Venus blazingstar** Annual. Whitmore Point.  
 \_\_\_ *Mentzelia pumila* **Wyoming stickleaf** Biennial. Sagebrush, pinyon-juniper.  
 \_\_\_ *Petalonyx nitidus* **Shinning sandpaper plant** Perennial. Rare. Whitmore Canyon.

#### MALVACEAE- Mallow family

- \_\_\_ *Abutilon incanum* **Bush mallow, Pelotazo** Shrub. Rare. Whitmore Canyon.  
 \_\_\_ *Abutilon parvulum* **Dwarf mallow** Perennial herb. Rare.  
 \_\_\_ *Eremalche exilis* **White mallow** Annual. Disturbed sites.  
 \_\_\_ *Malva neglecta* **Cheeseweed** Annual or biennial. Disturbed areas. ALIEN.  
 \_\_\_ *Sphaeralcea ambigua* **Desert mallow, Globemallow** Perennial herb. Creosotebush to pinyon-juniper.  
 \_\_\_ *Sphaeralcea coccinea* **Scarlet globemallow** Perennial herb. Uncommon.  
 \_\_\_ *Sphaeralcea grossulariifolia* **Gooseberryleaf globemallow** Perennial herb. Pinyon-juniper, ponderosa pine woodland.  
 \_\_\_ *Sphaeralcea rusbyi* **Cutleaf globemallow** Perennial. Occasional. Dansill Canyon.

#### MARTYNIACEAE – Unicorn Plant Family

- \_\_\_ *Proboscidea parviflora* **Unicorn plant** Annual. Rare. Whitmore Airport area.

#### NYCTAGINACEAE- Four o'clock family

- \_\_\_ *Abronia fragrans* **Fragrant sandverbena** Perennial herb. Whitmore Canyon.  
 \_\_\_ *Allionia incarnata* **Windmills** Annual. Whitmore Canyon.  
 \_\_\_ *Boerhavia spicata* **Torrey spiderling** Annual. Uncommon.  
 \_\_\_ *Mirabilis bigelovii* **Wishbone bush** Perennial herb. Whitmore overlook.  
 \_\_\_ *Mirabilis coccinea* **Red four o'clock** Perennial herb. Occasional in dry rocky sites mid to high elevations.  
 \_\_\_ *Mirabilis linearis* **Linearleaf four o'clock** Perennial herb.  
 \_\_\_ *Mirabilis multiflora* **Giant four o'clock** Perennial herb.

#### OLEACEAE- Olive family

- \_\_\_ *Fraxinus anomala* **Singleleaf ash** Shrub or Tree. Occasional. Whitmore Point.  
 \_\_\_ *Fraxinus cuspidata* var. *macropetala* **Ash** Tree. Pinyon-juniper.  
 \_\_\_ *Fraxinus dipetala* **Foothill ash** Tree. Uncommon. Parashant Canyon.  
 \_\_\_ *Fraxinus velutina* (= *F. pennsylvanica*) **Red ash** Tree. Streams and canyons & areas of limited exposure  
 \_\_\_ *Menodora scabra* **Rough menodora** Perennial herb. Sagebrush, pinyon-juniper.

#### ONAGRACEAE- Evening primrose family

- \_\_\_ *Calylophus hartwegii* **Hartwegs evening primrose** Perennial herb. Sagebrush.  
 \_\_\_ *Calylophus lavandulifolia* **Lavandula evening primrose** Perennial herb. Pinyon-juniper woodland, ponderosa pine woodland.  
 \_\_\_ *Camissonia brevipes* **Sundrop, Suncup** Annual. Andrus Canyon.  
 \_\_\_ *Camissonia chamaenerioides* **Slenderpod camissonia** Annual. Whitmore Canyon.  
 \_\_\_ *Camissonia multijuga* **Manylobe primrose** Annual. Whitmore Point.  
 \_\_\_ *Camissonia scapoidea* **Barestem suncup** Annual. Occasional. Andrus Canyon.  
 \_\_\_ *Camissonia walkeri* **Walkers camissonia** Annual. Blackbrush, pinyon-juniper.  
 \_\_\_ *Epilobium brachycarpum* **Autumn willowherb** Annual. Ponderosa pine.  
 \_\_\_ *Epilobium ciliatum* ssp. *ciliatum* **Northern willowherb** Perennial herb.

- \_\_\_ *Gaura gracilis* **Slender gaura** Perennial herb. Disturbed sites, Ponderosa pine  
 \_\_\_ *Gayophytum ramosissimum* **Branching groundsmoke** Annual. Pinyon-juniper, ponderosa pine.  
 \_\_\_ *Oenothera cavernae* **Munz's evening primrose** Perennial herb. Rare. Whitmore overlook.  
 \_\_\_ *Oenothera flava* **Yellow evening primrose** Perennial herb. Sagebrush, ponderosa pine.  
 \_\_\_ *Oenothera pallida* var. *trichocalyx* **Pale evening primrose** Perennial herb. Sands, near Whitmore and Parashant Canyons.

#### OROBANCHACEAE- Broom rape family

- \_\_\_ *Orobanche fasciculata* **Cluster cancerroot** Perennial. Root parasite on *Artemisia*, sagebrush, pinyon-juniper.

#### PAPAVERACEAE- Poppy family

- \_\_\_ *Corydalis aurea* **Golden corydalis** Annual or biennial. Pinyon-juniper, sagebrush.

#### PHILADELPHACEAE- Mock orange family

- \_\_\_ *Fendlerella utahensis* **Utah fendlerella** Shrub. Blackbrush, sagebrush, pinyon-juniper, ponderosa pine woodland.

#### PLANTAGINACEAE- Plantain family

- \_\_\_ *Plantago ovata* (= *P. insularis*) **Woolly plantain, Island plantain** Annual. Whitmore overlook.  
 \_\_\_ *Plantago patagonica* **Purshes plantain** Annual. Joshua tree to pinyon-juniper.

#### POLEMONIACEAE- Phlox family

- \_\_\_ *Eriastrum diffusum* **Spreading woollystar** Annual. Pinyon-juniper.  
 \_\_\_ *Gilia filiformis* **Threadstem gilia** Annual. Paws Pocket.  
 \_\_\_ *Gilia hutchinsifolia* **Pale gilia** Annual. Whitmore Canyon.  
 \_\_\_ *Gilia leptomeria* **Great basin gilia, Lobeleaf gilia** Annual. Paws Pocket.  
 \_\_\_ *Gilia longiflora* **Longflower gilia** Annual. Sagebrush, pinyon-juniper.  
 \_\_\_ *Gilia micromeria* **Sand gilia** Annual. Whitmore Canyon.  
 \_\_\_ *Gilia multiflora* **Manyflower gilia** Perennial herb. Sagebrush, pinyon-juniper.  
 \_\_\_ *Gilia ophthalmoides* **Eyelike gilia** Annual. Sagebrush, widely distributed.  
 \_\_\_ *Gilia scopulorum* **Rock gilia** Annual. Cane Spring.  
 \_\_\_ *Gilia transmontana* **Transmontane gilia** Annual. Widely distributed.  
 \_\_\_ *Ipomopsis aggregata* **Scarlet gilia, Skyrocket** Perennial herb. Sagebrush, ponderosa pine.  
 \_\_\_ *Ipomopsis polycladon* **Spreading skyrocket** Annual. Whitmore Canyon.  
 \_\_\_ *Langloisia setosissima* **Mojave langloisia, Bristly langloisia** Annual. Paws Pocket.  
 \_\_\_ *Linanthus bigelovii* **Bigelows linanthus** Annual. Paws Pocket.  
 \_\_\_ *Linanthus demissus* **Humble gilia, Low linanthus** Annual. Paws Pocket.  
 \_\_\_ *Linanthus dichotomous* **Evening snow** Annual. Occasional. Whitmore overlook.  
 \_\_\_ *Phlox austromontana* **Desert phlox** Perennial herb. Pinyon-juniper, ponderosa pine.  
 \_\_\_ *Phlox gracilis* **Little polecat** Annual. Rare. Paws Pocket.  
 \_\_\_ *Phlox stansburyi* **Stansburys phlox** Perennial herb. Green Spring canyon.  
 \_\_\_ *Phlox woodhousei* **Woodhouses phlox** Perennial herb. Coniferous forests.

#### POLYGALACEAE- Milkwort family

- \_\_\_ *Polygala subspinosa* **Cushion milkwort** Subshrub. Sagebrush, pinyon-juniper, ponderosa pine.

#### POLYGONACEAE- Buckwheat family

- \_\_\_ *Centrostegia thurberi* **Thurbers spineflower** Annual. Paws Pocket.  
 \_\_\_ *Chorizanthe brevicornu* **Brittle spineflower** Annual. Whitmore Canyon.  
 \_\_\_ *Chorizanthe rigida* **Spiny herb** Annual. Occasional.  
 \_\_\_ *Eriogonum alatum* **Winged buckwheat** Perennial herb. Sagebrush, pinyon-juniper.  
 \_\_\_ *Eriogonum cernuum* **Nodding buckwheat** Annual. Uncommon. Twin Point.  
 \_\_\_ *Eriogonum corymbosum* var. *corymbosum* **Fremonts buckwheat** Shrub. Whitmore overlook.  
 \_\_\_ *Eriogonum deflexum* **Skeleton buckwheat** Annual. Creosote bush to pinyon-juniper.  
 \_\_\_ *Eriogonum fasciculatum* var. *polifolium* **California buckwheat** Shrub. Common. Whitmore Point.  
 \_\_\_ *Eriogonum heermannii* ssp. *sulcatum* **Limestone buckwheat** Shrub. Blackbrush to pinyon-juniper.  
 \_\_\_ *Eriogonum jamesii* **James buckwheat** Perennial herb. Pinyon-juniper, ponderosa pine.  
 \_\_\_ *Eriogonum maculatum* **Spotted buckwheat** Annual. Whitmore Canyon.  
 \_\_\_ *Eriogonum nummulare* **Coin buckwheat** Shrub. Uncommon. Whitmore Point.  
 \_\_\_ *Eriogonum palmerianum* **Palmer's buckwheat** Annual. Andrus Point.  
 \_\_\_ *Eriogonum pharnameoides* **Wirestem buckwheat** Annual. Sagebrush, ponderosa pine.  
 \_\_\_ *Eriogonum pusillum* **Yellow turban** Annual. Whitmore Canyon.  
 \_\_\_ *Eriogonum racemosum* **Redroot buckwheat** Perennial herb. Pinyon-juniper, ponderosa pine.  
 \_\_\_ *Eriogonum reniforme* **Kidneyleaf buckwheat** Annual. Whitmore Canyon.  
 \_\_\_ *Eriogonum simpsonii* **Simpsons buckwheat** Perennial herb. Sagebrush, pinyon-juniper, ponderosa pine.  
 \_\_\_ *Eriogonum umbellatum* **Sulfur buckwheat** Subshrub. Sagebrush, ponderosa pine, pinyon-juniper.  
 \_\_\_ *Eriogonum wrightii* var. *wrightii* **Wrights buckwheat** Shrub. Whitmore Canyon.  
 \_\_\_ *Polygonum aviculare* **Knotweed** Annual. Open sites, widespread. ALIEN.  
 \_\_\_ *Polygonum sawatchense* **Sawatch knotweed** Annual. Sagebrush, ponderosa pine.



- \_\_\_ *Pterostegia drymarioides* **Woodland pterostegia** Annual. Whitmore overlook.  
 \_\_\_ *Rumex crispus* **Curly dock** Perennial herb. Paws Pocket. ALIEN.  
 \_\_\_ *Rumex hymenosepalus* **Wild rhubarb** Perennial herb. Paws Pocket.

**PORTULACACEAE- Purslane family**

- \_\_\_ *Claytonia perfoliata* **Miners lettuce** Annual. Whitmore Point.  
 \_\_\_ *Portulaca oleracea* **Purslane** Annual. Weed, widely distributed. ALIEN.

**PRIMULACEAE- Primrose Family**

- \_\_\_ *Androsace occidentalis* **Western rock jasmine** Annual. Rare. Whitmore Canyon.

**RANUNCULACEAE- Buttercup family**

- \_\_\_ *Anemone tuberosa* **Desert windflower** Perennial herb. Whitmore overlook.  
 \_\_\_ *Aquilegia chrysantha* **Golden columbine** Perennial herb. Moist areas, Green Spring canyon.  
 \_\_\_ *Delphinium nelsonii* **Nelsons larkspur** Tuberos perennial. Blackbrush, pinyon-juniper, ponderosa pine woodland.  
 \_\_\_ *Delphinium scaposum* **Larkspur** Tuberos perennial. Green Spring canyon.  
 \_\_\_ *Myosurus cupulatus* **Arizona mousetail** Annual. Rare. Whitmore Canyon.  
 \_\_\_ *Ranunculus cymbalaria* **Marsh buttercup** Perennial herb. Uncommon.  
 \_\_\_ *Ranunculus sceleratus* **Blister buttercup** Annual.  
 \_\_\_ *Ranunculus testiculatus* **Bur buttercup** Annual weed. ALIEN.  
 \_\_\_ *Thalictrum fendleri* **Fendlers meadowrue** Perennial herb. Sagebrush, ponderosa pine.

**RHAMNACEAE- Buckthorn family**

- \_\_\_ *Ceanothus greggii* **Greggs ceanothus** Shrub. Occasional. Pinyon-juniper, mountain brush.  
 \_\_\_ *Rhamnus betulifolia* **Birchleaf buckthorn** Shrub. Rare. Lone Mountain.

**ROSACEAE- Rose family**

- \_\_\_ *Amelanchier utahensis* **Utah serviceberry** Shrub. Pinyon-juniper, ponderosa pine.  
 \_\_\_ *Cercocarpus montanus* **Alderleaf mountain mahogany** Shrub. Uncommon. Mollies Nipple.  
 \_\_\_ *Chamaebatiaria millefolium* **Fernbush** Shrub. Rare. Sagebrush, mountain brush.  
 \_\_\_ *Coleogyne ramosissima* **Blackbrush** Shrub. Common. Blackbrush, Joshua tree.  
 \_\_\_ *Fallugia paradoxa* **Apache plume** Shrub. Occasional. Blackbrush, sagebrush, pinyon-juniper.  
 \_\_\_ *Holodiscus dumosus* **Mountain spray** Shrub. Uncommon. Mollie Nipple.  
 \_\_\_ *Prunus fasciculata* **Desert almond** Shrub. Paws Pocket.  
 \_\_\_ *Prunus virginiana* **Chokecherry** Shrub. Sagebrush, pinyon-juniper.  
 \_\_\_ *Purshia* (= *Cowania*) *mexicana* var. *stansburyana* **Cliff rose** Shrub. Blackbrush, pinyon-juniper woodland, ponderosa pine woodland.  
 \_\_\_ *Purshia tridentata* var. *glandulosa* (= *Purshia glandulosa*) **Mohave antelopebush** Shrub. Whitmore Canyon.  
 \_\_\_ *Rosa stellata* ssp. *abyssa* **Grand Canyon rose** Shrub. Rare. Twin Point.

**RUBIACEAE- Madder family; Coffee family**

- \_\_\_ *Galium aparine* **Goosegrass** Annual. Rare. Paws Pocket.  
 \_\_\_ *Galium multiflorum* **Shrubby bedstraw** Perennial. Uncommon.  
 \_\_\_ *Galium proliferum* **Slender bedstraw** Annual. Occasional. Paws Pocket.  
 \_\_\_ *Galium stellatum* **Star bedstraw, Crevice bedstraw** Shrub. Whitmore Point.  
 \_\_\_ *Galium wrightii* **Wrights bedstraw** Perennial herb. Riparian, oak, ponderosa pine.

**RUTACEAE- Rue family; Citrus family**

- \_\_\_ *Ptelea trifoliata* ssp. *pallida* **Hoptree** Shrub or small tree. Green Spring canyon.  
 \_\_\_ *Thamnosma montana* **Desert rue** Shrub. Whitmore Point.

**SALICACEAE - Willow Family**

- \_\_\_ *Salix exigua* **Coyote willow, Sandbar willow** Shrub or tree. Mud Spring.

**SANTALACEAE- Sandalwood family**

- \_\_\_ *Comandra umbellata* **Bastard toadflax** Perennial herb. Semiparasitic, blackbrush, oak, pinyon-juniper woodland, ponderosa pine woodland.

**SAXIFRAGACEAE- Saxifrage family**

- \_\_\_ *Fendlera rupicola* **Fendlerbush** Shrub. Blackbrush, pinyon-juniper.  
 \_\_\_ *Heuchera rubescens* var. *rubescens* **Red alumroot** Perennial herb. Pinyon-juniper, ponderosa pine.  
 \_\_\_ *Heuchera rubescens* var. *versicolor* **Hairy alumroot** Perennial herb. Pinyon-juniper, mountain brush.

**SCROPHULARIACEAE- Figwort family**

- \_\_\_ *Antirrhinum filipes* **Twining snapdragon** Annual. Whitmore Point.  
 \_\_\_ *Castilleja angustifolia* (= *C. chromosa*) **Paintbrush** Perennial herb. Creosotebush to pinyon-juniper.  
 \_\_\_ *Castilleja integra* **Showy paintbrush** Perennial. Rare. Mt Dellenbaugh.  
 \_\_\_ *Castilleja linariifolia* **Linearleaf paintbrush** Perennial herb. Sagebrush, pinyon-juniper.

- \_\_\_ *Cordylanthus parviflorus* **Smallflower birdbeak** Annual. Blackbrush, sagebrush, pinyon-juniper.  
 \_\_\_ *Cordylanthus tenuifolius* **Slenderleaf birdbeak** Annual.  
 \_\_\_ *Cordylanthus wrightii* **Wrights birdbeak** Annual. Sagebrush to ponderosa pine.  
 \_\_\_ *Maurandya antirrhiniflora* **Violet twining snapdragon** Perennial herb. Whitmore Point.  
 \_\_\_ *Mimulus bigelovii* **Desert monkeyflower, Bigelows monkeyflower** Annual. Whitmore Canyon.  
 \_\_\_ *Mimulus guttatus* **Monkeyflower** Perennial. Moist sites in many communities.  
 \_\_\_ *Mimulus rubellus* **Reddish monkeyflower** Annual. Paws Pocket.  
 \_\_\_ *Orthocarpus purpureo-albus* **Violet owls clover, Two-toned owls clover** Annual. Sagebrush to ponderosa pine woodland.  
 \_\_\_ *Penstemon barbatus* **Scarlet penstemon** Perennial herb. Sagebrush, ponderosa pine.  
 \_\_\_ *Penstemon distans* **Mt. Trumbull beardtongue** Perennial herb. Rare.  
 \_\_\_ *Penstemon eatonii* **Eatons penstemon** Perennial herb. Blackbrush, Green Spring canyon.  
 \_\_\_ *Penstemon linarioides* **Silers penstemon** Perennial herb. Sagebrush, pinyon-juniper, ponderosa pine.  
 \_\_\_ *Penstemon nudiflorus* **Nakedflower beardtongue** Perennial herb. Ponderosa pine.  
 \_\_\_ *Penstemon ophianthus* **Arizona beardtongue** Perennial. Rare. Mt Dellenbaugh.  
 \_\_\_ *Penstemon pachyphyllus* var. *congestus* **Rockville penstemon** Perennial herb. Pinyon-juniper, ponderosa pine woodland.  
 \_\_\_ *Penstemon palmeri* **Palmers penstemon** Perennial herb. Mountain brush, pinyon-juniper, ponderosa pine woodland.  
 \_\_\_ *Penstemon rostriflorus* (= *P. bridgesii*) **Bridges penstemon** Perennial herb. Green Spring canyon.  
 \_\_\_ *Penstemon thompsoniae* **Thompsons penstemon** Perennial herb. Sagebrush, pinyon-juniper.  
 \_\_\_ *Penstemon utahensis* **Utah penstemon** Perennial herb. Occasional. Andrus Canyon.  
 \_\_\_ *Verbascum thapsus* **Woolly mullein** Biennial. Pinyon-juniper. ALIEN  
 \_\_\_ *Veronica americana* **American brooklime** Perennial. Uncommon.

#### SIMAROUBACEAE- Quassia family; Simarouba family

- \_\_\_ *Castela emoryi* **Crucifixion thorn** Shrub. Blackbrush, Whitmore point.

#### SOLANACEAE- Nightshade family

- \_\_\_ *Lycium andersonii* **Andersons wolfberry** Shrub. Paws Pocket.  
 \_\_\_ *Lycium pallidum* **Pale wolfberry** Shrub. Blackbrush, sagebrush, pinyon-juniper.  
 \_\_\_ *Nicotiana attenuata* **Coyote tobacco** Annual. Ubiquitous, disturbed sites.  
 \_\_\_ *Physalis crassifolia* **Thickleaf groundcherry** Perennial herb. Creosotebush, blackbrush, pinyon-juniper woodland.  
 \_\_\_ *Physalis hederifolia* **Ivyleaf groundcherry** Perennial herb. Sagebrush, pinyon-juniper.  
 \_\_\_ *Solanum triflorum* **Cutleaf nightshade** Annual. Creosotebush, blackbrush, sagebrush, pinyon-juniper.

#### TAMARICACEAE- Tamarisk Family

- \_\_\_ *Tamarix ramosissima* **Saltcedar** Shrub to tree. Mollies Nipple. ALIEN.

#### ULMACEAE - Elm Family

- \_\_\_ *Celtis reticulata* **Netleaf hackberry** Tree. Rare.

#### URTICACEAE- Nettle Family

- \_\_\_ *Parietaria pensylvanica* **Hammerwort** Annual. Paws Pocket.

#### VERBENACEAE- Vervain family

- \_\_\_ *Aloysia wrightii* (= *Lippia wrightii*) **Oreganillo** Shrub. Whitmore canyon.  
 \_\_\_ *Verbena bracteata* **Protrate vervain** Annual or perennial herb. Roadsides, disturbed sites.  
 \_\_\_ *Verbena gooddingii* **Gooddings vervain** Perennial herb. Blackbrush, pinyon-juniper, ponderosa pine.

#### VIOLACEAE- Violet family

- \_\_\_ *Hybanthus verticillatus* **Baby slippers** Shrub. Rare. Whitmore Canyon.  
 \_\_\_ *Viola nuttallii* **Nuttalls violet** Perennial herb. Sagebrush.

#### VISCACEAE- Mistletoe family

- \_\_\_ *Phoradendron juniperinum* **Juniper mistletoe** Perennial. Parasitic on *Juniperus* sp.

#### ZYGOPHYLLACEAE- Caltrop Family, Tree-of-Life Family

- \_\_\_ *Kallstroemia parviflora* **Orange kallstroemia** Annual. Rare. Parashant Canyon.  
 \_\_\_ *Larrea tridentata* **Creosotebush** Shrub. Whitmore Canyon.

#### MONOCOTS

##### CYPERACEAE- Sedge family

- \_\_\_ *Carex obtusata* **Blunt sedge** Perennial. Sagebrush, mountain brush, dry meadow.  
 \_\_\_ *Carex occidentalis* **Western sedge** Perennial. Mountain brush, ponderosa pine.  
 \_\_\_ *Cyperus erythrorhizos* **Redroot flatsedge** Annual. Uncommon.

##### LILIACEAE- Lily family

- \_\_\_ *Agave utahensis* **Utah centuryplant** Shrub. creosotebush, blackbrush, pinyon-juniper.  
 \_\_\_ *Allium acuminatum* **Acuminate onion** Perennial herb. Bulb. Sagebrush, live oak, pinyon-juniper, ponderosa pine.  
 \_\_\_ *Allium bisceptrum* **Palmer's onion** Perennial herb. Bulb. Sagebrush, pinyon-juniper.  
 \_\_\_ *Allium nevadense* **Nevada onion** Perennial herb. Bulb. Blackbrush, pinyon-juniper.  
 \_\_\_ *Androstegium breviflorum* **Funnel lily** Perennial. Paws Pocket.  
 \_\_\_ *Calochortus flexuosus* **Weakstem mariposa** Perennial. Whitmore Point.  
 \_\_\_ *Calochortus nuttallii* **Sego lily** Perennial herb. Bulb. Sagebrush, pinyon-juniper, ponderosa pine.  
 \_\_\_ *Dichelostemma capitatum* ssp. *pauciflorum* (= *D. pulchella*) **Bluedicks** Perennial herb. Whitmore Point.  
 \_\_\_ *Fritillaria atropurpurea* **Leopard lily** Perennial herb. Bulb. Pinyon-juniper, sagebrush.  
 \_\_\_ *Leucocrinum montanum* **Star lily** Perennial herb. Rare. Sagebrush, pinyon-juniper, ponderosa pine.  
 \_\_\_ *Nolina bigelovii* **Beargrass** Shrub. Blackbrush. Whitmore canyon.  
 \_\_\_ *Nolina microcarpa* **Beargrass** Perennial herb. Live oak, pinyon-juniper.  
 \_\_\_ *Yucca angustissima* **Narrowleaf yucca** Shrub. Sand, blackbrush, sagebrush, pinyon-juniper woodland, ponderosa pine woodland.  
 \_\_\_ *Yucca baccata* **Banana yucca** Shrub. Blackbrush, Joshua tree to ponderosa pine.  
 \_\_\_ *Yucca whipplei* **Our lords candle** Shrub. Rare. Whitmore Canyon.

#### **POACEAE- Grass family**

- \_\_\_ *Agropyron cristatum* **Crested wheatgrass** Perennial herb. Disturbed habitats. ALIEN.  
 \_\_\_ *Agrostis viridis* (= *A. semiverticillata*) **Bentgrass** Perennial herb. Moist places, lower elevations.  
 \_\_\_ *Andropogon glomeratus* **Bushy bluestem** Perennial. Uncommon. Whitmore Canyon.  
 \_\_\_ *Aristida arizonica* **Arizona threeawn** Perennial herb. Desert shrub.  
 \_\_\_ *Aristida purpurea* var. *fendleriana* **Purple threeawn** Perennial herb. Creosotebush to ponderosa pine.  
 \_\_\_ *Aristida purpurea* var. *nealleyi* (= *A. p.* var. *glauca*) **Nealley threeawn** Perennial herb. Andrus Canyon.  
 \_\_\_ *Aristida ternipes* var. *hamulosa* **Hook threeawn** Perennial. Uncommon. Andrus Canyon.  
 \_\_\_ *Bothriochloa barbinodis* **Cane bluestem** Perennial. Andrus Canyon.  
 \_\_\_ *Bothriochloa ischaemum* **Yellow bluestem** Perennial. Uncommon. Parashant Canyon.  
 \_\_\_ *Bouteloua aristidoides* **Needle grama** Annual. Parashant Canyon.  
 \_\_\_ *Bouteloua barbata* **Sixweeks grama** Annual. Parashant Canyon.  
 \_\_\_ *Bouteloua curtipendula* **Sideoats grama** Perennial herb. Desert shrub, pinyon-juniper, ponderosa pine.  
 \_\_\_ *Bouteloua eriopoda* **Black grama** Perennial. Whitmore Canyon.  
 \_\_\_ *Bouteloua gracilis* **Blue grama** Perennial herb. Desert shrub to ponderosa pine.  
 \_\_\_ *Bouteloua simplex* **Mat grama** Annual. Sagebrush.  
 \_\_\_ *Bouteloua trifida* **Red grama** Perennial. Whitmore overlook.  
 \_\_\_ *Bromus carinatus* (= *B. marginatus*) **Mountain brome** Perennial herb. Sagebrush to subalpine.  
 \_\_\_ *Bromus madritensis* ssp. *rubens* (= *B. rubens*) **Red brome** Annual. Creosotebush, blackbrush. ALIEN.  
 \_\_\_ *Bromus tectorum* **Cheatgrass, Downy brome** Annual. Saltbush, sagebrush, pinyon-juniper. ALIEN.  
 \_\_\_ *Elymus elymoides* (= *Sitanion hystrix*) **Squirreltail** Perennial. Desert shrub to alpine.  
 \_\_\_ *Elymus smithii* (= *Agropyron smithii*) **Western wheatgrass** Perennial. Desert shrub to pinyon-juniper.  
 \_\_\_ *Elymus trachycaulus* ssp. *trachycaulus* (= *Agropyron trachycaulus*) **Slender wheatgrass** Perennial. Castle Peak.  
 \_\_\_ *Enneapogon desvauxii* **Spike pappusgrass** Perennial. Uncommon. Parashant Canyon.  
 \_\_\_ *Eragrostis cilianensis* **Stinkgrass** Annual. Uncommon. Paws Pocket. ALIEN  
 \_\_\_ *Erioneuron pulchellum* **Fluffgrass** Perennial. Whitmore Airport.  
 \_\_\_ *Hesperostipa comata* (= *Stipa c.*) **Needlegrass** Perennial herb. Desert shrub, sagebrush, pinyon-juniper.  
 \_\_\_ *Muhlenbergia microsperma* **Littleseed muhly** Annual or Perennial. Whitmore overlook.  
 \_\_\_ *Muhlenbergia minutissima* **Annual muhly** Annual. Uncommon. Whitmore Canyon.  
 \_\_\_ *Muhlenbergia porteri* **Bush muhly** Perennial. Parashant Canyon.  
 \_\_\_ *Muhlenbergia racemosa* **Green muhly** Perennial. Rare.  
 \_\_\_ *Muhlenbergia richardsonis* **Mat muhly** Perennial herb. Sagebrush to ponderosa pine.  
 \_\_\_ *Panicum hirticaule* **Rough stalk witchgrass** Perennial. Rare. Whitmore Airport.  
 \_\_\_ *Poa bigelovii* **Bluegrass** Annual. Whitmore overlook.  
 \_\_\_ *Poa fendleriana* **Mutton grass** Perennial. Paws Pocket.  
 \_\_\_ *Poa pratensis* **Kentucky bluegrass** Perennial herb. Moist places, sagebrush to ponderosa pine. ALIEN.  
 \_\_\_ *Pseudoroegneria spicata* (= *Agropyron spicatum*) **Wheatgrass** Perennial herb. Many habitats, high elevation.  
 \_\_\_ *Schismus arabicus* **Arabian grass** Annual. Paws Pocket. ALIEN.  
 \_\_\_ *Schismus barbatus* **Mediterranean grass** Annual. Paws Pocket. ALIEN.  
 \_\_\_ *Scleropogon brevifolius* **Burrograss** Perennial. Rare. Paws Pocket.  
 \_\_\_ *Setaria glauca* (= *S. lutescens*) **Yellow bristlegrass** Annual. Paws Pocket.  
 \_\_\_ *Setaria leucopila* (= *S. macrostachya*) **Bristlegrass** Perennial herb. Protected sites, low to mid elevations.  
 \_\_\_ *Sporobolus contractus* **Spike dropseed** Perennial. Uncommon. Andrus Canyon.  
 \_\_\_ *Sporobolus cryptandrus* **Sand dropseed** Perennial. Parashant Canyon.  
 \_\_\_ *Sporobolus flexuosus* **Mesa dropseed** Perennial. Andrus Canyon.  
 \_\_\_ *Trichachne californica* **Cottontop** Perennial herb. Rocky places, mid elevations.  
 \_\_\_ *Tridens muticus* **Slim tridens** Perennial herb. Creosotebush to pinyon-juniper.  
 \_\_\_ *Vulpia octoflora* (= *Festuca octoflora*) **Sixweeks fescue** Annual. Whitmore Canyon.

#### **POTAMOGETONACEAE- Pondweed Family**

- \_\_\_ *Potamogeton foliosus* Raf. **Leafy pondweed** Perennial. Rare. Parashant. Waring Ranch Pond.

**TYPHACEAE - Cattail Family**

— *Typha domingensis* **Southern cattail** Perennial. Mud spring.