FERNS AND ALLIES

LYCOPODIOPHYTA (Club-mosses)

SELAGINELLACEAE

SELAGINELLA MUTICA  D.C.Eaton ex Underw.
[Weatherby, 1944]
Code: N; H; O; TX; CR, SP: LS, QZ, RH; 5800-6900'
Vars. MUTICA and LIMITANEA Weath. occur in the Franklin Mts.

SELAGINELLA XNEOMEXICANA Maxon
[Yarborough & Powell, 2002]
Code: N; H; O; TX; CR, SP; GR, QZ, RH; 4800-7000'

SELAGINELLA PERUVIANA (Milde) Hieronymus
Code: N; H; O; TX, CR, SP; LS, GR, QZ, RH; 4600-7000'

SELAGINELLA RUPINCOLA Underw.
Ledge Spikemoss; Rockloving Spikemoss

Spike-moss Family
Blunt-leaf Spikemoss
New Mexico Spikemoss
Peruvian Spikemoss

Native or Introduced: Substrate:
N Native LS Limestone
I Introduced GR Granite
Life form: QZ Lanoria Quartzite
Th Therophyte RH Rhyolite
G Geophyte
H Hemicryptophyte
Ch Chamaeophytes
Ph Phanerophytes
Elevational range in feet

Degree of Abundance:
D Dominant
VA Very abundant
A Abundant
F Frequent
O Occasional
R Rare
VR Very Rare

State:
NM New Mexico
TX Texas

Ownership:
BLM Bureau of Land Management
CR Castner Range
MR McGregor Range
SP Franklin Mountain State Park
Note: Selaginella wrightii Hieronymus is reported in the region but I have not seen with the kind of diagnostic leaf tips described in the literature.

**POLYPODIOPHYTA (Ferns)**

### ADIANTACEAE

**ASPLENIUM RESILIENS** Kunze  
Black-stemmed spleenwort  
Code: N; H; VR; TX; SP; LS; 5600’  
Note: This species has been seen only one time growing within a limestone crevice near Anthony’s Nose. *(Worthington 19745 UTEP)*

### DRYOPTERIDACEAE

**WOODSIA NEOMEXICANA** Windham  
New Mexico cliff-fern  
[Yarborough & Powell, 2002]  
Code: N; H; R; TX; SP; RH; 6700’  
Woodsia Neomexicana Windham X ???  
Code: N; H; R; TX; SP; RH; 6700’

### PTERIDACEAE

**ARGYROCHOSMA LIMITANEA** (Maxon) Windham ssp. MEXICANA (Maxon) Windham  
Southwestern False-cloakfern  
[Yarborough & Powell, 2002]  
Code: N; H; R; NM, TX; SP, BLM; LS; RH; 4600-6300’  
Ssp. LIMITANEA  
Code: N; H; R; NM; MR; LS; 4500’

**ARGYROCHOSMA MICROPHYLLA** (Mett. ex Kuhn) Windham  
Little-leaf Cliffbreak  
[Yarborough & Powell, 2002]  
Code: N; H; R; NM, TX; SP, BLM; LS; 4800-5300’

**ASTROLEPIS COCHISENSIS** (Goodding) Benham & Windham  
Jimmyfern  
[Yarborough & Powell, 2002]  
Code: N; H; F; NM, TX; SP, BLM; MR; LS, RH; 4300-6900’  
Note: Subspecies *cochisensis* and *chihuahensis* occur in the Franklin Mts. but are only distinguishable by spore number, spore size and chromosome count.

**ASTROLEPIS INTEGERRIMA** (Hook.) Benham & Windham  
Southwestern Cloakfern  
Code: N; H; O; TX, NM; SP, BLM, MR; LS; 4300-5200’

**ASTROLEPIS SINUATA** (Lag. ex Swallen) Benham & Windham  
Wavy Cloakfern  
Code: N; H; O; TX, NM; SP, MR; LS, RH; 4500-5500’  
Note: Subspecies SINUATA occurs in the Franklin Mountains.

**BOMMERIA HISPIDA** (Mett. ex Kuhn) Underwood  
Hairy Bommeria, Dancing Bommeria  
[Haufler, 1979]  
Code: N; H; O; TX; SP, CR; RH; 5100-6700’

**CHEILANTHER EATONII** Baker in Hook. & Baker  
Eaton’s Lipfern
GYMNOSPERMS

CONIFEROPHYTA (Conifers)

CUPRESSACEAE  
JUNIPERUS COAHUILENSIS (Martinez) Gausen ex R. P. Adams var. ARIZONICA
R. P. Adams
[Juniperus erythrocarpa Cory var. coahuilensis Martinez]
[Crawford, 1974; Adams, 1993]
Code: N; P; O; TX, NM; CR, SP; BLM; LS, RH; 4900-5700’
Note: The relict oak-juniper woodland studied by Crawford (1974) sustained significant damage from a fire.

PINACEAE  
PINUS HALEPENSIS Mill.
Code: I; P; VR; TX; SP; 4800’
Note: What is believed to be Aleppo Pine has been planted near the ruins of the tin mine.

GNETOPHYTA (Gnetophytes)
ANGIOSPERMS (Flowering Plants)

MAGNOLIOPHYTA (Flowering Plants)
MAGNOLIOPSIDA (Dicots)

ACANTHACEAE
CARLOWRIGHTIA LINEARIFOLIA (Torrey) Gray
[Among authors, pro parte] Heath Wrightwort
Code: N; P; R; TX; CR, SP; GR, RH; 4300-6000’

STENANDRIUM BARBATUM Torrey & Gray
Early Shaggytuft
Code: N; H; F; TX, NM; BLM, SP; LS; 4300-6700’

AIZOACEAE
TRIANTHEMA PORTULACASTRUM L.
Desert Horse-purslane
Code: N; CH; O; TX; LS, 4100-4300’

AMARANTHACEAE
ACANTHOCHITON WRIGHTII Torrey
[Among authors, pro parte] Greenstripe
Code: N; CH; VR; TX; LS; 4200’
Note: This species is abundant in areas of deep quartzose sand in the Hueco Bolson.
One collection from the Franklin Mountains is from a scrape off of Stanton Street
(Worthington 6817 UTEP)

AMARANTHUS BLITOIDEUS S. Watson
Prostrate Pigweed; Mat Amaranth
[Among authors, pro parte]
Code: I; CH; R; TX; ST; RH; 5400’
Note: Our only collection from the Franklin Mountains is from West Cottonwood
Springs Canyon along the graded road (Worthington 5418 UTEP).

AMARANTHUS FIMBRIATUS (Torrey) Brntham ex S. Watson
Fringed Pigweed
Code: N; CH; VR; NM; MR; LS; 4300’

AMARANTHUS PALMERI S. Watson
Palmer’s Amaranth; Pigweed; Careless Weed
Code: N; CH; F; TX, NM; CR, SP, BLIS, MR; LS, GR, RH; 4000-4900’

AMARANTHUS TORREYI (Gray) Benth. ex S. Watson
Torrey’s Pigweed
[Among authors, pro parte]
Code: N; CH; F; TX, NM; SP, CR, BLM; LS, GR, RH; 4050-6850’

FROELICHIA ARIZONICA Thornber ex Standley
Arizona Snakecotton
Code: N; H; O; TX, NM; SP, CR, MR; LS, GR, RH; 4200-5700’

FROELICHIA FLORIDANA (Nuttall) Moquin-Tandon var. CAMPESTRIS
Plains Snakecotton
(Small) Fernald
[Reed, 1969]
Code: N; TH; R; TH; TX
Note: The Franklin Mts. record is from Spring Canyon, 29 Jul 1946, Berkman & McCart et al. Spring Canyon may refer to West Cottonwood Spring or Indian Spring. This species likely occurs on granitic soils on Castner Range.

**GOMPHRENRA CAESPITOSA** Torrey  
**Tufted Globe-amaranth**  
[Reed, 1969]  
Code: N; G; VR; TX; SP  
Note: The only collection of the plant is from Cottonwood Springs, 12 May 1959, Correll & Johnston 21822)

**GUILLEMINEA DENS (Humboldt & Bonpland ex Willedenow) Moq. var.**  
**AGGREGATA** Uline & Gray  
**Small Matweed**  
[Brayulina densa (Willdenow) Small]  
Code: N; G; R; TX; CR; GR; 4400’  
Note: This species is locally common near the mouth of Indian Springs Canyon (Worthington 22397 UTEP).

**TIDESTROMIA LANUGINOSA** (Nuttall) Standley  
**Espanta Vaquero; Wooly Honeysweet**  
[Reed, 1969]  
Code: N; TH; VR; TX  
Note: This species is often abundant in sandy basin habitats but is seldom seen in the roughland habitats. Correll collected the species in the Franklin Mts. on 30 Oct. 1962 (Correll 26522)

**TIDESTROMIA SUFFRUTICOSA** (Torrey) Standley  
**Shrubby Honeysweet**  
Code: N, G; O; TX; LS; 4450-4700’  
Note: Several other species are expected to occur within the Franklin Mountains. These include *Amaranthus fimbriatus* (Torrey) Bentham ex S. Watson which is known from andesite substrates in the Three Sisters Hills and *Alternanthera caracasana* Kunth which grows in watered lawns in El Paso.

**ANACARDIACAE**  
**Sumac Family**

**RHUS MICROPHYLLA** Engelm. ex Gray  
**Littleleaf Sumac**  
[Barkley, 1937]  
Code: N; P; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-5250’

**RHUS TRILOBATA** Nuttall  
**Skunkbush Sumac; Fragrant Sumac**  
Code: N; P; O; TX, NM; SP, CR, BLM; GR, LS, RH; 4800-6850’  
Note: Varieties *trilobata* and *pilosissima* Engelm. occur in the Franklin Mts.

**RHUS VIRENS** Lindheimer ex Gray  
**Wooton’s Sumac; Evergreen Sumac**  
[Turner, 1996; Powell, 1988]  
Code: N; P; O; TX, NM; SP, CR, BLM; GR, LS; 4600-6900’  
Note: Varieties *virens* and *choriophylla* (Wooton & Standley) L. Benson occur in the Franklin Mts. The pubescence character that separates the two is variable even on the same shrub.

**APIACEAE (UMBELLIFERAE)**  
**Parsley Family; Carrot Family**

**ALETES FILIFOLIUS** Mathias, Constance & Theobald  
**Transpecos Indian Parsley**  
Code: N; CH; R; TX; SP; LS; 5900’

**DAUCUS PUSILLUS** Michaux  
**Southwestern Wild Carrot**  
Code: N; TH; O; TX; SP, CR; GR, RH; 4400-5700’

**SPERMOLEPIS ECHINATA** (Nuttall ex A. DC.) Heller  
**Bristly Scaleseed**  
Code: N; TH; O; TX; CR; GR; 4300-4600’

**APOCYNACEAE**  
**Dogbane Family**

**AMSONIA LONGIFLORA** Torrey var. LONGIFLORA  
**Trumpet Bluestar**  
Code: N; CH; VR; TX  
Note: This species is known only from the west side of the Franklin Mts. near the intersection of Mesa Hills with Stanton street in upper arroyos dissected in limestone
alluvium (Murray 47 UTEP).

HAPLOPHYTON CROOKSII (L. Benson) L. Benson
Code: N; CH; O; TX; SP; CR; GR; LS; 4500-4800'
Cockroach Plant

TELOSIPHONIA BRACHYSIPHON (Torrey) Henrickson
[Macrocephalon brachysiphon (Torrey) Gray]
[Henrickson, 1996]
Code: N; CH; VR; TX; SP; GR; 4800'
Note: The only stand of this species known from Texas is on an outcrop of granite 1.1 air miles NE from the top of Anthony’s Nose (Worthington 25068 UTEP et al.)

ASCLEPIADACEAE

Milkweed Family

ASCLEPIAS ASPERULA (Decaisne) Woodson ssp. ASPERULA
Code: N; CH; R; TX, NM; BLM; LS; 4100-4300'
Spider Milkweed

ASCLEPIAS MACROTIS Torrey
Code: N; CH; VR; TX; SP; LS; 4700'
Note: The only collection of this species is from 1.8 mi. N of the top of Anthony’s Nose on a limestone outcrop in upper Hitt Canyon (Worthington 2875 UTEP)

MATELEA PRODUCTA (Torrey) Woodson
Texas Milkvine
Code: N; CH; R; TX, NM; SP, MR; LS; RH; 5000-6000'

SARCOSTEMMA CYNANCHOIDES Decaisne ssp. CYNANCHOIDES
Code: N; CH; R; TX, NM; SP, MR; LS; 4300-4660'
ssp. HARTWEGII (Vail) R. Holm
Code: N; CH; F; TX; CR; GR; 4100-4300'
Note: Two species not yet collected within the Franklin Mts. that are likely part of the flora are Asclepias oenotheroides Cham. & Schlect. and Sarcostemma crispum Bentham.

ASTERACEAE (COMPOSITAE)

Sunflower Family

ACOURTIA NANA (Gray) Reveal & King
[Perizia nana Gray]
Code: N; CH; O; TX, NM; SP, BLM, MR; LS; RH; 4200-5500'
Desert Holly

ACOURTIA WRIGHTII (Gray) Reveal & King
[Perizia wrightii Gray]
Code: N; CH; O; TX, NM; SP, CR, MR; GR, LS; RH; 4500-5500'
Fluff-root; Brownfoot; Pink Perizia

AGERATINA BELLAFRANCA (Gray) King & Robinson
[Fragrant Snakeroot; Shrubby Boneset
Eupatorium herbaceum (Gray) Greene]
Code: N; CH; VR; TX; SP; LS; 5500'
Note: The only locality we have is from 0.3 air mi. NE from the top of Anthony’s Nose (Worthington 25165 UTEP).

AGERATINA WRIGHTII (Gray) King & Robinson
[Wright’s Snakeroot
Eupatorium wrightii (Gray)]
Code: N; CH; O; TX, NM; SP; BLM; LS; 4400-4640'
Note: This is a species that is common on sand but is occasionally encountered on scrapes.
AMBROSIA CONFERTIFLORA A. DC.  Weak-leaf Ragweed; Field Ragweed  
Code: N; CH; O; TX; SP; CR; RH; 4850-5000’

APHANOSTEPHUS RAMOSISSIMUS A..DC. var. HUMILIS (Benth.)  Low Fainter crown  
Turner & Birdsong  
Code: N; TH; F; TX; NM; SP; CR; BLM; GR; LS; 4200-4850’

ARTEMISIA DRACUNCULUS L.  Tarragon; Dragon Wormwood

[Artemisia glauca Pallas ex Willdenow]  
Code: N; CH; O; TX; SP; CR; QZ; RH; 4900-6200’

ARTEMISIA LUDOVICIANA Nuttal  Wormwood; White Sagebrush  
Note: Subspecific determinations have not been made on UTEP collections.

BACCHARIS BRACHYPHYLLA Gray  Shortleaf Seep Willow; Shortleaf Baccharis  
Code: N; PH; F; TX; CR; GR; 4200-4600’

BACCHARIS PTERONIOIDES A.DC.  Yerba-de-pasmo  
Code: N; P; R; TX; SP; CR; LS; QZ; 4800-6000’

BACCHARIS SALICINA Torrey & Gray  Great Plains Seep Willow  
Code: N; PH; VR; NM; BLM; LS; 4400’

BACCHARIS SAROTHROIDES Gray  Broom Seep Willow; Rosinbush; Desertbroom  
[Worthington, 1990]  
Code: I; PH; F; TX; SP; LS; 4800’  
Note: This introduced southwestern shrub is now firmly established on the west slopes of the Franklin Mts. within El Paso in limestone canyons.

BAHIA ABSINTHIFOLIA Bentham var. DEALBATA Gray  Hairy-seed Bahia  
[Ellison, 1964]  
Code: N; CH; A; TX, NM; SP; CR; BLM, MR; GR; LS; RH; 4200-6300’

BAHIA PEDATA Gray  Blunt-scale Bahia  
[Ellison, 1964]  
Code: N; CH; O; TX; CR; HR; 4300’

BAILEYA MULTIRADIATA Harvey & Gray  Desert Marigold  
Code: N; TH; F; TX, NM; SP; CR; BLM, MR; GR; LS; 4200-5000’

BEBBIA JUNCEA (Bentham) Greene var. ASPERA Greene  Sweetbush; Rush Bebbia  
Code: N; CH; O; TX; CR; GR; RH; 4200-5000’  
Note: The distribution of this species in Texas is limited to the area along Trans-Mountain Road on the east side of the Franklin Mts.

BRICKELLIA BACCHARIDEA Gray  Resin-leaf Brickellbush  
Code: N; CH; F; TX, NM; SP; CR; BLM, MR; LS; GR; RH; 4100-5500’

BRICKELLIA CALIFORNICA (Torrey & Gray) Gray  California Brickellbush  
Code: N; CH; A; TX; SP; CR; GR; LS, QZ; RH; 4100-7000’

BRICKELLIA COULTERI Gray  Coulter’s Brickellbush  
Code: N; CH; R; TX; SP; CR; RH; GR; 4500-4800’

BRICKELLIA EUPATORIOIDE S (L.) Shinners var. CHLOROLEPIS (Woot. & Standl.) Turner  False Boneset; Southwest Kuhnia  
[Kuhnia chlorolepis Woot. & Standl.]  
Code: N; CH; O; TX; SP; CR; GR; RH; 4800-6300’

BRICKELLIA LACINIATA Gray  Cut-leaf Brickellbush; Splitleaf Brickellbush  
Code: N; CH; A; TX; NM; SP; CR; BLM, MR; LS; GR; 4300-5300’

BRICKELLIA PARVULA Gray  Mt. Davis Brickellbush  
Code: N; CH; O; TX, SP; CR; GR; QZ; 5200-7000’

BRICKELLIA VENOSA (Woot. & Standl.) Robinson  Veiny Brickellbush  
Code: N; CH; R; TX; CR; GR, QZ; 4700-5200’

CALYCOSEIRIS WRIGHTII Gray  Wright’s Tackstem; White Cup-fruit  
Code: N; TH; F; TX, NM; CR; BLM; GR; LS; 4200-4700’

CENTAUREA MELITENSIS L.  Malta Starthistle  
Code: I; TH; F; TX; SP; 4250-5500’

CHAETOPAPPA ERICOIDES (Torrey) Nesom  Sand Aster, Heath Aster; Rose Heath  
[Shinnners, 1946]  
Code: N; CH; O; TX; SP; CR; MR; GR; LS; RH; 4200-5500’
CHRYSACTINA MEXICANA Gray
   Code: N; CH; F; TX; SP; LS, RH; 4700-6000’
   Note: This species occurs in limestone slopes in the Vinton Canyon area.

CIRSIUM OCHROCENTRUM Gray ssp. OCHROCENTRUM
   Code: N; CH; O; TX; SP, CR; GR, LS, RH; 4900-5700’
   Yellow-spine Thistle

CIRSIUM UNDULATUM (Nuttall) Sprengel
   Code: N; CH; O; TX; SP, CR; RH; 5100-5700’
   Wavy-leaf Thistle

CONYZA CANADENSIS (L.) Cronquist var. GLABRATA (Gray)
   Code: I; TH; O; TX; ST, CR; LS; 4300-5300’
   Western Horseweed

CIRSIUM OCHROCENTRUM Gray ssp. OCHROCENTRUM
   Code: N; CH; O; TX; SP, CR; GR, LS, RH; 4800-7150’
   Yellow-spine Thistle

CIRSIUM UNDULATUM (Nuttall) Sprengel
   Code: N; CH; O; TX; SP, CR; RH; 4900-5700’
   Wavy-leaf Thistle

CONYZA CANADENSIS (L.) Cronquist var. GLABRATA (Gray)
   Code: I; TH; O; TX; ST, CR; LS; 4300-5300’
   Western Horseweed

CIRSIUM OCHROCENTRUM Gray ssp. OCHROCENTRUM
   Code: N; CH; O; TX; SP, CR; GR, LS, RH; 4800-7150’
   Yellow-spine Thistle

CIRSIUM UNDULATUM (Nuttall) Sprengel
   Code: N; CH; O; TX; SP, CR; RH; 5100-5700’
   Wavy-leaf Thistle

CONYZA CANADENSIS (L.) Cronquist var. GLABRATA (Gray)
   Code: I; TH; O; TX; ST, CR; LS; 4300-5300’
   Western Horseweed

ERIGERON COLOMEXICANUS A. Nelson
   Code: N; CH; O; TX; SP, CR; LS, QZ; RH; 4500-7000’
   Running Fleabane Daisy

ERIGERON DIVERGENS Torrey & Gray
   Code: N; TH/CH; F; TX; SP, CR; GR; 4300-5200’
   Spreading Fleabane Daisy

ERIGERON MODESTUS Gray
   Code: N; CH; O; TX, NM; SP, BLM; LS; 4300-5300’
   Plains Fleabane Daisy

ERIGERON DIVERGENS Torrey & Gray
   Code: N; TH/CH; F; TX; SP, CR; GR; 4300-5200’
   Spreading Fleabane Daisy

ERIGERON MODESTUS Gray
   Code: N; CH; O; TX, NM; SP, BLM; LS; 4300-5300’
   Plains Fleabane Daisy

FILAGO CALIFORNICA Nuttall
   Code: N; TH; R; TX; CR; GR; 4400’
   California Cotton-rose

FLOURENSIA CERNUA A.DC.
   Code: N; PH; F; TX, NM; SP, BLM, MR; LS, RH; 4200-6000’
   Tarbush; American Tarwort

GAILLARDIA PINNATIFIDA Torrey
   Code: N; TH; O; TX; SP; LS; 4600-5300’
   Red-dome Blanket-flower

GUTIERREZIA MICROCEPHALA (A.DC.) Gray
   Code: N; H; F; TX; SP, CR; GR, RH; 4500-7000’
   Thread-leaf Snakeweed

GUTIERREZIA SAROTHRAE (Pursh) Britton & Rusby
   Code: N; H; A; TX, NM; SP, CR, BLM, MR; LS, GR, RH; 4200-5500’
   Broom Snakeweed

GUTIERREZIA SPHAEROCEPHALA Gray
   Code: N; CH; O; TX, NM; SP, BLM; LS; 4400-5000’
   Round-head Snakeweed

GYMNOSPERMA GLUTINOSUM (Sprengel) Lessing
   Code: N; H; O; TX; SP; LS, RH; 4800-6700’
   Gumhead

GYMNOSPERMA GLUTINOSUM (Sprengel) Lessing
   Code: N; H; O; TX; SP; LS, RH; 4800-6700’
   Gumhead

HEDOSYNE AMBROSIIFOLIA (Gray) Strother
   Code: N; H; A; TX, NM; SP, CR, BLM, MR; GR, RH, LS; 4200-5500’
   Ragged Marsh-elder

HETEROSPERMA PINNATUM Cavanilles
   Code: N; TH; O; TX, NM; SP, BLM; LS; 4400-5000’
   Wingpetal

HETEROTHECA FULCRATA (Greene) Shinners
   Code: N; TH; O; TX; SP, CR; QR, RH; 6200-7000’
   Camphorweed
var. ARIZONICA Semple          Arizona Camphorweed
var. SENILIS (Woot. & Standl.) Semple           Green Camphorweed
[Semple, 1996]
Code: N; H; F; TX; SP; LS, RH; 5400-5700’
Note: Semple (1996) cites specimens of both varieties from the Franklin Mts.
HETEROTHECA VILLOSA (Pursh) Shinners           Hairy Golden-aster
Code: N; H; F; TX, SP, CR; GR, LS, RH; 4350-5700’
Note: Semple (1996) maps var. NANA (Gray) Semple as occurring in the county.
HETEROTHECA VISCIDA (Gray) Harms              Cliff Golden-aster
Code: N; H; R; TX; SP, CR; GR, LS, QZ; 5000-5800’
HYMENOTHRIX WISLIZENI Gray                  Trans-Pecos Thimblehead
[Turner, 1962]
Code: N; H; O; TX, CR; GR; 4300’
Note: This species is common in the Franklin Mts. on granitic soil near the Wilderness Park Museum
HYMENOXY'S ODORATA A. P. de Candolle          Western Bitterweed, Poison Rubberweed
[Cockerell, 1904]
Code: N; TH; R; NM; BLM; LS; 4400’
HYMENOXY'S VASEYI (Gray) Cockerell           Vasey’s Rubberweed
[Biermer, 2001]
Code: N; H; R; TX, SP, CR; LS, QZ; 5600-5900’
ISOCOMA PLURIFLORA (Torr. & Gray) Greene         Southern Jimmyweed
[Isocoma wrightii (Gray) Wooton & Standley]
Code: N; H; F; TX; LS; 4300’
LACTUA SERRIOLA L.                             Prickly Lettuce
[Lactuca scariola L.]
Code: I; TH; O; TX, SP, CR; GR, LS, RH; 4300-5700’
LEUCIVA DEALBATA (Gray) Rydberg                 Wooly Marsh-elder
[Iva dealbata Gray]
Code: N; H; R; NM; BLM; LS; 4400’
MACHAERANTHERA CANESCENS (Pursh) Gray var. GLABRA Gray       Smooth Sand-daisy, Hoary Tansyaster
[Machaeranthera linearis Greene]
[Turner, B. L. 1987]
Code: N; TH; O; TX; SP; 4700’
MACHAERANTHERA GRACILIS (Nuttall) Shinners       Slender Spine-aster
Code: N; TH; R; TX; CR; GR; 4800’
MACHAERANTHERA PINNATIFIDA (Hooker) Shinners var.
CHIHUAHUANA Turner & Hartman        Lacy Spine-aster
Code: N; H; F; TX, NM; SP, BLM; LS; 4200-5400’
MACHAERANTHERA TANACETIFOLIA (H.B.K.) Nees     Tahoka-daisy, Tansyleaf Tansyaster
[Macabeanthera linearis Greene]
Code: N; H; O; TX; LS; 4300-5000’
MALACOTHRIX FENDLERI Gray              Fendler’s Desert-dandelion
Code: N; TH; VR; TX, NM; CR, BLM; GR; 4200-4400’
MALACOTHRIX STEBBINSII Davis & Raven   Stebbins’s Desert-dandelion
[Worthington, 1996, reported as Malacothrix sonorae Davis & Raven; Spellenberg, 2005]
Code: N; TH; VR; TX; CR; QZ; 5000’
MELAMPodium LEUCANTHUM Torrey & Gray       Plains Blackfoot-daisy
Code: N; H; A; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-7000’
PARTHENIUM INCANUM H.B.K.          Mariola
[Rollins, 1950; Weedin & Powell, 1980]
Code: N; PH; A; TX, NM; SP, CR, BLM, MR; LS, RH, GR; 4200-6700’
PECTIS ANGUSTIFOLIA Torrey var. ANGUSTIFOLIA           Lemonweed, Limoncillo
Code: N; TH; R; TX, NM; CR, MR; LS, GR; LS, GR; 4300-4600’
PECTIS CYLINDRICA (Fernald) Rydberg        Sonoran Chinchweed
Code: N; TH; R; NM; BLM; LS; 4400’
Note: Our only record is from a small ponding area in Anthony Gap.

**PECTIS PAPPOSA** Harvey & Gray var, **GRANDIS** Keil
Dissected Chinchweed

- Code: N; TH; O; TX, NM; SP, BLM, MR; LS, GR; 4200-7000’

**POROPHYLLUM GRACILE** Bentham
Slender Poreleaf

[Johnson, 1969]

- Code: N; H; R; TX; SP, CR; GR; 4200-4800’

**POROPHYLLUM SCOPARIUM** Gray
Trans-Pecos Poreleaf

[Johnson, 1969]

- Code: N; H; C; TX, NM; SP, CR, BLM; LS, GR; 4300-5100’

**PRENANTHELLA EXIGUA** (Gray) Rydberg
Brightwhite

[Tomb, 1972]

Note: This species has been recently located on andesite slopes near the junction of Westwind with Belvidere on the middle bajada and west side of the Franklin Mts. It is not known where Charles Wright collected the species other than his statement of “stony hills above El Paso.”

**PSEUDOGNAPHALIUM CANESCENS** (A. DC.) W. A. Weber
Wright’s Rabbit-tobacco

-[*Gnaphalium canescens* A. DC.; *Gnaphaliumwrightii* Gray]

- Code: N; H; F; TX; SP, CR; GR, RH; 4800-5500’

**PSEUDOGNAPHALIUM LUTEOALBUM** (L.) Hilliard & Burtt
Jersey Rabbit-tobacco

[Nesom, 2001]

- Code: I; TH; VR; TX; CR; GR; 4900’

Note: This species has only been collected one time in the Franklin Mts. In a seep area 0.4 mi. NW from Indian Spring (Worthington 24696 UTEP)

**PSILOSTROPHE TAGETINA** (Nuttall) Greene
Wooly Paper-flower

[Heiser, 1944; Brown, 1978]

- Code: N; H; O; TX, NM; SP, CR, BLM; LS, RH; 4200-5400’

**RAFINESQUIA NEOMEXICANA** Gray
Desert Chicory; New Mexico Plumeseed

- Code: N; TH; O; TX, NM; SP, CR, BLM; LS, GR, RH; 4300-4800’

**RATIBIDA COLUMNIFERA** (Nuttall) Wooton & Standley
Mexican-hat

- Code: N; TH; R; NM; BLM; LS; 4400’

**SANVITALIA ABERTII** Gray
Abert’s Dome; Abert’s Creeping Zinnia

- Code: N; TH; C; TX, NM; SP, C, BLM; GR, LS; 4500-5900’

**SENECIO FLACCIDUS** Less var. **FLACCIDUS**
Thread-leaf Groundsel

-[*Senecio douglasii* A. DC. var. *longilobus* (Bentham) L. Benson]

- Code: N; TH; C; TX, NM; SP, CR, BLM; GR, LS, RH; 4200-7000’

**SENECIO RIDDELLII** Torrey & Gray
Riddell’s Groundsel; Riddell’s Ragwort

-[*Senecio spartioides* Torrey & Gray var. *riddellii* (Torrey & Gray) Greenman]

- Code: N; CH; VR; TX; SP; 4700’

Note: This is a species of deep quartzose sand but was found one time at the State Park entrance off Trans-Mountain Road.

Note: The adventive *Senecio vulgaris* L. is now widely established in housing developments in the city so is now likely a part of the flora.

**SILYBUM MARIANUM** (L.) Gaertner
Blessed Milk-thistle

- Code: I; TH; VR; NM; BLM; LS; 4500’

Note: This species was found in the Anthony Gap area after a seeding effort along O’Hara Road and likely no longer persists.

**SONCHUS ASPER** (L.) Hill
Spiny-leaf Sow-thistle

- Code: I; TH; O; TX; SP; 4300-4700’

**SONCHUS OLERACEUS** L.
Common Sow-thistle

- Code: I; TH; F; TX; LS; 4300’

**STEPHANOMERIA EXIGUA** Nuttall
Twiggy Wire-lettuce; Small Wire-lettuce

[Gottlieb, 1972]

- Code: N; TH; R; TX, CR; GR; 4000-4300’

**STEPHANOMERIA PAUCIFLORA** (Torrey) A. Nel.
Few-flowered Wire-lettuce; Desert Straw

- Code: N; H; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-5700’
STEPHANOMERIA TENUIFOLIA (Raf.) Hall
[Narrowleaf Wirelettuce

[Stephanomeria wrightii Gray]

Note: A record at TEX-LL collected by D. Correll on the east slope of the Franklin Mts. confirms that this species is a part of the flora.

SYMPHYOTRICHUM DIVARICATUM (Nuttall) Nesom
[Law Aster; New Mexico Aster

[Aster subulatus Michaux var. ligulatus Shinners]

Code: N; TH; VR; TX; CR; RH; 5700’

TETRANEURIS SCAPOSA (A.DC.) Greene
[Naked Rubberweed; Stemmy Four-nerve Daisy

[Hymenoxys scaposa (A.DC.) Parker]

Code: N; H; O; TX; SP; LS; 5100-6900’

Note: Specimens from the Franklin Mts. appear referable to var. scaposa.

THELESPERMA LONGIPES Gray
[Long-stalk Greenthread

Code: N; H; R; TX, NM; SP, BLM, MR; LS; 4200-6900’

THELESPERMA MEGAPOTAMICUM (Sprengle) Kuntze
[Navajo-tea; Hopi-tea

Code: N; H; O; TX; CR; GR; 4200-4300’

THYMOPHYLLA ACEROSA (A.DC.) Strother
[Prickle-leaf Dogweed

[Dyssodia acerosa A.DC.]

Code: N; CH; A; TX, NM; SP, BLM, MR; LS; 4200-5200’

THYMOPHYLLA PENTACHAETA (A.DC.) Small
[Parralena

[Dyssodia pentachaeta (A.DC.) Robinson]

Code: N; CH; A; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-5500’

TRAGOPOGON DUBIUS Scopoli
[Yellow Salsify; Goats Beard

Code: I; H; VR; TX; SP; 5400’

TRIXIS CALIFORNICA Kellogg
[California Threefold

[Anderson, 1972]

Code: N; CH; F; TX, NM; SP, CR, MR; GR, RH; LS; 4300-4900’

UROPAPPUS LINDLEYI (A.DC.) Nuttall
[Silverpuffs

[Microseris linearifolia (Nutt.) Sch-Bip.; Microseris lindleyi (A.DC.) Gray]

Code: N; TH; O; TX; CR; GR; 4400-4800’

VERBESINA ENCELIOIDES (Cav.) Bentham & Hooker f.
[Golden Crownbeard; Cowpen Daisy

ex Gray

Code: N; TH; F; TX, NM; SP, BLM, MR; LS; 4200-5000’

VIGUIERA DENTATA (Cav.) Sprengel
[Toothed Goldeneye

Code: N; TH; O; TX; SP, CR; GR; LS, RH; 4600-6400’

VIGUIERA LONGIFOLIA (Robinson & Greenman) Blake var. ANNUA
[Annual Goldeneye

(m. e. Jones) Welsh

[Heliomeris longifolia (Robins. & Greenm.) Cockerell var. annua (M. E. Jones) Yates]

Code: N; TH; O; TX; SP, CR; GR, LS, RH; 4400-5500’

VIGUIERA MULTIFLORA (Nuttall) Blake
[Showy Goldeneye

[Heliomeris multiflora Nutt.]

Code: N; TH; R; TX; SP; RH; 7000’

VIGUIERA STENOLOBA Blake
[Resinbush; Skeleton Goldeneye

[Blake, 1918]

Code: N; PH; A; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-5400’

XANTHIUM STRUMARIUM L.
[Rough Cocklebur

Code: N; TH; R; TX; 4300’

ZINNIA ACEROSA (A.DC) Gray
[Desert Zinnia; Spinyleaf Zinnia

Code: N; H; F; TX, NM; SP, BLM; 4300-4900’

ZINNIA GRANDIFLORA Nuttall
[Plains Zinnia; Rocky Mountain Zinnia

Code: N; H; R; TX; SP, CR; GR, RH; 4300-6400’

BIGNONIACEAE

Catalpa Family

CHILOPSIS LINEARIS (Cav.) Sweet ssp. LINEARIS
[Desert-willow

Code: N; PH; F; TX; SP, CR; GR, LS; 4200-5300’

TECOMA STANS (L.) Jussieu ex HBK var. ANGUSTATA Rehder
[Yellow Trumpet-bush

Code: N; CH; O; TX; SP, CR; GR, LS, RH; 4300-6000’
BORAGINACEAE

CRYPTANTHA ANGUSTIFOLIA (Torrey) Greene
Code: N; TH; R; TX; CR; GR; 4100-4500'

CRYPTANTHA BARBIGERA (Gray) Greene
Code: N; TH; O; TX; CR; GR; 4400-4800'

CRYPTANTHA CINEREA (Greene) Cronquist
var. CINEREA
[Cryptantha jamesii (Torrey) Payson]
Code: N; H; R; TX; CR; QZ; 5000-6400'

CRYPTANTHA CRASSISEPALA (Torrey & Gray) Greene
var. ELANCHANTHA I. M. Johnston
[Johnston, 1959]
Code: N; TH; A; TX, NM; SP, CR, BLM; GR, LS; 4000-5000'

CRYPTANTHA MEXICANA (Brandegee) I. M. Johnston
Code: N; H; O; TX, NM; CR, BLM, MR; LS; 4300-4900'

CRYPTANTHA MICRANTHA (Torrey) I. M. Johnston
Code: N; TH; R; TX; CR; GR; 4400'

CRYPTANTHA OBLATA (M. E. Jones) Payson
[Payson, 1927]
Code: N; H; O; TX, NM; SP, BLM, MR; LS; 4300-5000'

CRYPTANTHA PAYSONII (Maecbridge) I. M. Johnston
Code: N; H; VR; TX; SP; 4900'
Note: We have just one collection from the mouth of Coronado Thunderbird Canyon that was identified by L. C. Higgins.

CRYPTANTHA PTEROCARYA (Torrey) Greene var.
CYCLOPTERA (Greene) Macbride
Code: N; TH; F; TX, NM; SP, CR, BLM; GR, LS; RH; 4300-5200'

HELIOTROPIUM GREGGII Torrey
Fragrant Heliotrope

LITHOSPERMUM INCISUM Lehmann
Fringed Gromwell; Narrowleaf Stoneseed
Code: N; H; O; TX; SP; LS; 4700-5200'

LITHOSPERMUM MIRABLE Small
Code: N; H; VR; TX; SP; LS; 4900-5700'
Note: Collection duplicates sent to TEX-LL are now annotated as this taxon.

LITHOSPERMUM MULTIFLORUM Torrey ex Gray
Purple Gromwell; Manyflowered Stoneseed
Code: N; H; R; TX; SP, CR; GR; 5000-6000'

PECTOCARYA HETEROCARPA I. M. Johnston
Chuckwalla Combseed
Code: N; TH; R; TX; CR; GR; 4100'

PECTOCARYA PLATYCARPA (Munz & I. M. Johnston)
Broad-fruit Combseed
Munz & I. M. Johnston
Code: N; TH; R; TX; CR; GR; 4100-4200'
Note: The only representatives of the genus Pectocarya in Texas are the above taxa; they are only found in the environs of the Wilderness Park Museum.

TIQUILIA CANESCENS (A.DC.) A. Richardson var. CANESCENS
[Wooly Crinklemat
Code: N; H; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4300-5400'

TIQUILIA GOSSYPINA (Wooton & Standley) A. Richardson
[Texas Crinklemat
Code: N; H; F; TX, NM; SP, BLM, MR; LS; 4200-4600'

TIQUILIA GREGGII (Torrey) A. Richardson
[Plumed Crinklemat
Code: N; H; F; TX, NM; SP, BLM, MR; LS; 4200-4600']
TIQUILIA HISPIDISSIMA (Torrey) A. Richardson  
Hairy Crinklemat  
[Coltenia hispidissima (Torrey) Gray]  
Code: N; H; VR; NM; BLM; LS; 4250'  
Note: This species has been collected one time south of O’Hara Road on a limestone substrate that appeared to have gypsum in it.

BRASSICACEAE (CRUCIFERAE) Mustard Family

ARABIS PERENNANS S. Watson  
Perennial Rock-cress  
Code: N; H; R; TX; SP; CR; GR; RH; 4600-5500'

BRASSICA TOURNEFORTII Gouan  
Asian Mustard  
Code: I; TH; F; TX; SP; 5000'  
Note: This recently introduced mustard is now frequent in El Paso in the spring.

CAPSELLA BURSA-PASTORIS (L.) Medikus  
Shepherd’s Purse  
Code: I; TH; R; TX; 4350'  
Note: This introduced species is frequent in watered parks and lawns in the city.

DESCURAINIA PINNATA (Walter) Britton  
Western Tansy-mustard [Detling, 1939]  
Code: N; TH; A; TX, NM; SP, CR, BLM; GR, LS, RH; 4200-5000'  
Note: A number of subspecies are recognized but not attempt has been made to sort them out.

DESCURAINIA SOPHIA (L.) Webb ex Prantl  
Flixweed  
Code: I; TH; O; TX, NM; SP, BLM; LS, RH; 4300-5200'

DIMORPHOCARPA WISLIZENI (Engelmann) Rollins  
Desert Spectacle-pod [Dithyrea wislizeni Engelmann]  
Code: N; TH; F; TX; SP; CR; GR; LS, 4100-5000'

DIPLOTAXIS TENUIFOLIA (L.) A.DC.  
Perennial Wallrocket  
Code: I; HE; VR; TX; 4300'

DRABA CUNEIFOLIA Nuttall ex Torrey & Gray var. CUNEIFOLIA  
Wedgeleaf Whitlow-grass  
Code: N; TH; A; TX, NM; SP, CR, BLM; GR, LS, RH; 4300-6100'

DRYOPETALON RUNCINATUM Gray  
Rock-mustard  
Code: N; TH; O; TX, SP; CR; GR, RH; 4500-5000'

ERUCA VESICARIA (L.) Cavinilles ssp. SATIVA (Miller) Thellung  
Garden Rocket [Eruca sativa Miller]  
Code: I; TH; O; TX, SP; 5000'

ERYSIMUM CAPITATUM (Douglas ex Hooker) Greene  
Plains Wallflower [Weedin & Powell, 1980]  
Code: N; TH; F; TX; SP; CR; GR; RH; 4500-5600'

HALIMOLOBOS DIFFUSUS (Gray) O. E. Schulz  
Fissurewort  
Code: N; H; R; TX; CR; GR, QZ; 5000-5300'

LEPIDIUM ALYSSOIDES Gray  
Mesa Pepperweed  
Code: N; H; A; TX; SP, CR; LS, RH; 5800-6900'  
Note: Varieties have not been determined.

LEPIDIUM LASIOCARPUM Nuttall var. WRIGHTII (Gray) C. L. Hitchc.  
Wright’s Pepperweed [Hitchcock, 1936]  
Code: N; TH; F; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-5000'

LEPIDIUM VIRGINICUM L. var. MEDIUM (Greene) C. L. Hitchc.  
Poor-man’s Pepperweed  
Code: N; TH; F; TX; SP; CR; GR; RH; 4200-5000'

MATTHIOLA LONGIPETALA (Ventenat) A.DC.  
Night-scented Stock [Matthiola bicornis A.DC.]  
Code: I; TH; R; TX, LS; 4200'  
Note: This species shows up in wet springs near the intersection of Westwind with Thunderbird and along Alabama on the east side of the mountains.

NERISYRENIA CAMPORUM (Gray) Greene  
Bicolored Fan-mustard; Mesa Greggia [Bacon, 1978]
PENNELLIA MICRANTHA (Gray) Nieuwland Mountain Thelypody
Code: N; TH; VR; TX; SP; QZ; 6300’
Note: Known from a single collection high on North Franklin Mountain.

PHYSARIA FENDLERI (Gray) O’Kane & Al-Shehbaz Fendler’s Bladderpod
[Lesquerella fendleri (Gray) S. Watson]
Code: N; H; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-5400’

PHYSARIA GORDONII (Gray) O’Kane & Al-Shehbaz Gordon’s Bladderpod
[Lesquerella gordonii (Gray) S. Watson]
Code: H; TH; R; TX; SP; 4600’

PHYSARIA PURPUREA (Gray) O’Kane & Al-Shehbaz Purple Bladderpod
[Payson, 1921]
[Lesquerella purpurea (Gray) S. Watson]
Code: N; H; F; TX, NM; SP, CR; GR, LS, RH; 4200-7000’

SCHOENOCRAME LINEARIFOLIA (Gray) Rollins Slim-leaf Plains-mustard
[Sisymbrium linearifolium (Gray) Payson]
[Rollins, 1982]
Code: N; H; F; TX; SP; LS, RH; 4300-7100’

SINAPIS ARvensis L. Corn-mustard
[Brassica kaber (A.DC.) L. C. Wheeler]
Code: I; TH; VR; TX, 4300’
Note: One collection from near apartments where tenants feed birds suggests it simply germinated from bird seed.

SISYMBRIUM IRIO L. London Rocket
Code: I; TH; A; T, NM; SP, CR, BLM; GR, LS, RH; 4300-5400’

STREPTANTHUS CARINATUS Wright ex Gray Arizona Jewel-flower
ssp. ARIZONICUS (S. Watson) Kruckeberg, Rodman & Worthington
[Kruckeberg, Rodman & Worthington, 1982]
Code: N; TH; F; TX, NM; SP, BLM; LS; 4300-5300’
ssp. CARINATUS Lyre-leaf Jewel-flower
Code: N; TH; F; TX, NM; SP, CR; BLM; GR, LS, RH; 4200-6100’
Note: Hybridization between the two subspecies occurs in the general area of O’Hara Road.

THELYPODIOPSIS PURPUSII (Brandegee) Rollins Purpus’s Tumble-mustard
Code: N; TH; VR; TX; SP; LS; 5700’

CACTACEAE Cactus Family

CORYPHANTHA MACROMERIS (Engelmann) Lemaire Nipple Beehive-cactus
Code: N; CH; F; TX; SP; LS, RH; 4300-5500’

CYLINDROPUNTIA IMBRICATA (Haworth) F. M. Knuth Cane Cholla
[Opuntia imbricata (Haworth) A_DC.]
Code: N; CH; O; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-7000’

CYLINROPUNTIA LEPTOCAULIS (A.DC.) F. M. Knuth Desert Christmas Cactus
[Opuntia leptocaulis A.DC.]
Code: N; CH; F; TX, NM; SP, CR, BLM, MR; LS; 4200-4800’

ECHINOCACTUS HORIZONTHALONIUS Lemaire Eagle-claw Cactus; Devil’shead
Code: N; CH; F; TX, NM; SP, BLM, MR; LS; 4200-4800’

ECHINOCEREUS COCCINEUS Engelmann var ROSEI Scarlet Hedgehog Cactus
W. T. Marshall
[Echinocereus triglochidiatus Engelmann var. melanacanthus (Engelmann) L. Benson]
Code: N; CH; F; TX; NM; SP, BLM, MR; LS, RH; 4200-7000’

ECHINOCEREUS DASYACANTHUS Engelmann Texas Rainbow Cactus
[Echinocereus pectinatus (Schidweiler) Engelmann var. neomexicana (Coulter) L. Benson]
ECHINOCEREUS FENDLERI (Engelmann) Rumpler var. FENDLERI
Code: N; CH; R; TX; CR; GR; 4300'

ECHINOCEREUS STRAMINEUS (Engelmann) Rumpler var. STRAMINEUS
[Ecchinocereus enneacanthus Engelmann var. stramineus (Engelmann) L. Benson]
[Moore, 1967]
Code: N; CH; R; TX, NM; BLM, MR; LS; 4200-4450'

ECHINOCEREUS VIRIDIFLORUS Engelmann Western Green-flowered Hedgehog Cactus
var. CHLORANTHUS (Engelmann) Backeb.
[Weedin et al., 1989]
Code: N; CH; R; TX; SP, CR; GR, LS; 4300-4900'

ECHINOMASTUS INTERTEXTUS (Engelmann) Britt. & Rose Early Bloomer; Pineapple Cactus
var. DASYACANTHUS (Engelmann) Backeb.
[Neolloydia intertexta (Engelm.) L. Benson var. dasyacantha (Engelm.) L. Benson]
[Pinkava et al., 1985]
Code: N; CH; F; TX, NM; SP, CR, BLM; GR, LS; 4300-4900'

EPITHELANTHA MICROMERIS (Engelmann) Weber ex Britt. & Rose Ping-pong-ball Cactus
Code: N; CH; R; TX; SP; LS; 4900-5500'

ESCOBARIA SNEEDII Britton & Rose var. SNEEDII Sneed’s Pincushion Cactus
[Coryphantha sneedii (Britt. & Rose) Berger var. sneedii]
[Champie, 1960; Pinkava et al., 1985; Weedin et al., 1985]
Code: N; CH; A; TX, NM; SP, BLM, MR; L, RH; 4200-5500'

ESCOBARIA TUBERCULOSA (Engelmann) Britt. & Rose White Foxtail-cactus; Cob Cactus
var. TUBERCULOSA
[Coryphantha strobiliformis (Poselger) Scheere ex Bodeker]
Code: N; CH; A; TX, NM; SP, BLM, MR; L, RH; 4200-5500'

ESCOBARIA VIVIPARA (Nuttall) F. Buxbaum var. NEOMEXICANA New Mexico Spinystar
(Engelmann) F. Buxbaum
[Coryphantha vivipara (Nutt.) Britt. & Rose var. neomexicana (Engelm.) Backeb.]
Code: N; CH; R; TX; SP; 4400'

FEROCACTUS WISLIZENI (Engelmann) Britton & Rose Fish-hook Barrel-cactus
Code: N; CH; F; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-5400'

GRUSONIA GRAHAMII (Engelmann) H. Robinson Graham’s Club-cholla
[Opuntia schottii Engelmann var. grahamii (Engelmann) L. D. Benson]
Code: N; CH; R; TX; LS; 4150'

MAMMILLARIA GRAHAMII Engelmann Graham’s Nipple-cactus
Code: N; CH; F; TX, CR; GR, LS; 4400-4800'

MAMMILLARIA LASIACANTHA Engelmann Lacy-spine Nipple-cactus
Code: N; CH; R; TX; SP; LS; 4900'

MAMMILLARIA MEIACANTHA Engelmann Nipple-cactus
[Mammillaria heyderi Muehlen. var. meiacantha (Engelm.) L. Benson]
Code: N; CH; R; TX; SP; LS; 4900'

MAMMILLARIA WRIGHTII Engelmann var. WRIGHTII Wright’s Nipple-cactus
[Zimmerman & Zimmerman, 1977; Powell & Weedin, 2004]
Code: N; CH; VR; TX
Note: Known from a collection made in 1909 from the Franklin Mts. It has not been located since.

OPUNTIA CAMANCHICA Engelman & Bigelow Camanche Prickly-pear
[Opuntia phaeacantha Engelmann var. major Engelmann, in part, sensu Benson]
[Pinkava et al., 1985]
OPUNTIA ENGELMANNII Salm-Dyck ex Engalmann var. \textit{Engalmannii} \\
\[\textit{Opuntia phaeacantha} \text{Engalmann var. \textit{discata}} \text{(Griffiths) Benson}\]
\[\textit{Opuntia engelmannii}\]
Code: N; CH; F; TX, NM; CR, BLM, MR; LS; 4200-4400’
var. LINGUIFORMIS (Griffiths) Parfitt & Pinkava
Note: This cultivar variety has escaped in a number of upper arroyo systems in the Franklin Mts.

OPUNTIA MACROCENTRA Engelmann
\[\textit{Opuntia violacea} \text{Engelmann}\]
Code: N; CH; F; TX, NM; CR, BLM, MR; GR, LS; 4200-4800’

PENIOCEREUS GREGGII (Engelmann) Britton & Rose
\[\textit{Ancistrocactus uncinatus} \text{(Galeotti) L. Benson var. \textit{wrightii}} \text{(Engelm.) L. Benson}\]
Code: N; CH; F; TX; SP; LS; 4800-5000’

CAMPANULACEAE                      Bellflower Family

TRIODANIS PERFOLIATA (L.) Nieuwland          Venus’s-looking-glass
Code: N; TH; R; TX; CR; GR, RH; 4500-5500’
Note: Our collections are not determined to variety but most likely it is variety \textit{perfoliata}.

CAPPARACEAE [CAPPARIDACEAE]                Caper Family

POLANISIA DODECANDRA (L.) A.DC.                Red-whiskers Clammyweed
\[\textit{Polanisia uniglandulosa} \text{Cav.}\]
Code: N; TH; F; TX; GR; 4200-5000’
Note: The taxonomy of these plants still seems confused to this writer. Turner et al. (2003) map only \textit{Polanisia uniglandulosa} treated as a species in Trans-Pecos Texas.

CAPRIFOLIACEAE                  Honeysuckle Family

SYMPHORICARPOS ROTUNDIFOLIUS Gray                Round-leaf Snowberry
Code: N; PH; R; TX; SP, CR; QZ, LS; 5500-6300’

CARYOPHYLLACEAE                    Pink Family

CERASTIUM AXILLARE Correll             Trans-Pecos Chickweed
Code: N; TH; F; TX; SP; CR; GR, QZ, RH; 4400-7000’

PARONYCHIA JAMESII Torrey & Gray                 James’s Nailwort
\[\text{Core, 1941}\]
Code: N; HE; F; TX; SP; CR; GR, LS, RH; 4600-7000’

SILENE ANTI RRHINA L.                  Sleepy Catchfly
Code: N; TH; F; TX; SP; CR; GR, LS; 4200-5100’

SILENE LACINIIATA Cav. var. GREGGII (Gray) C. L. Hitchcock   Cardinal Catchfly
\[\text{Corell, 1966}\]
Code: N; HE; VR; TX; SP; LS; 6000-6300’
Note: This species persists only at the base of the cliffs below Anthony’s Nose.

SILENE PLANKII C. L. Hitchcock & Macguire    Plank’s Catchfly
\[\text{Corell, 1966}\]
Code: N; HE; R; TX; SP; CR; QZ, RH; 6200-7000’
CELASTRACEAE  

MORTONIA SCABRELLA Gray  
Code: N; PH; F; TX; SP; LS; 5000-5400’  
Note: the species is locally frequent only on the upper slopes at the west end of Mckelligon Canyon.

CHENOPODIACEAE  

ATRIPLEX ACANTHOCARPA (Torrey) S. Watson  
ssp. ACANTHOCARPA  
[Henrickson, 1988]  
Code: N; CH; F; TX; LS; 4100’
Note: This species occurs along the east end of Scenic Drive.

ATRIPLEX CANESCENS (Pursh) Nuttall  
Code: N; PG; A; TX, NM; SP, CR, BLM; GR; LS; 4200-4700’

ATRIPLEX ELEGANS (Moquin-Tandon) D. Dietrich  
Code: N; TH; R; TX; LS; 4300’

ATRIPLEX SEMIBACCATA R. Brown  
Code: I; HE; R; TX; LS; 4400’

ATRIPLEX WRIGHTII S. Watson  
Code: N; HE; R; TX; 4400’
Note: Found on one occasion in the median of Trans-Mountain Road.

CHENOPODIUM ATROVIRENS Rydberg  
Code: N; TH; R; TX; CR; GR; 4700’

CHENOPODIUM FREMONTII S. Watson  
Code: N; TH; F; TX, SP; CR; GR; RH; 4800-5400’

CHENOPODIUM INCANUM (S. Watson) Heller  
Code: N; TH; R; TX; SP; LS; 4800’

CHENOPODIUM NEOMEXICANUM Standley  
Code: N; TH; VR; TX; SP; LS, RH; 7000’

KOCHIA SCOPARIA (L.) Roth  
Code: I; TH; O; TX, NM; SP, BLM; LS, RH; 4400-7000’

KRASCHENINNIKOVIA LANATA (Pursh) Meeuse & Smits  
[Eurotia lanata (Pursh) Moquin-Tandon]  
Code: N; HE; F; TX; SP; LS; 4300-5700’

SALSOLA TRAGUS L.  
[Salsole kalli L.]  
Code: N; TH; A; TX; CR; GR; LS; 4100-7000’

CONVOLVULACEAE  

ATRIPLEX ACANTHOCARPA (Torrey) S. Watson  
ssp. ACANTHOCARPA  
[Henrickson, 1988]  
Code: N; CH; F; TX; LS; 4100’

CONVOLVULUS ARvensis L.  
Code: I; HE; R; TX, NM; SP, BLM; LS; 4300-4400’

CONVOLVULUS EQUITANS Bentham  
Code: N; HE; F; TX; SP; CR; GR; RH; 4400-5700’

DICHONDRA ARGENTEA Humboldt & Bonpland ex Willdenow  
Code: N; HE; R; TX; SP; CR; GR; RH; 4700-5500’

EVOLVULUS ALSINOIDES L. var. ANGUSTIFOLIUS Torrey  
Code: N; HE; F; TX; SP; CR; GR; RH; 4800-5500’

EVOLVULUS SERICEUS Swartz var. SERICEUS  
Code: N; HE; R; TX; CR; QZ; 5900’
IPOMOEA BARBATISEPALA Gray                      Canyon Morning Glory
Code: N; TH; F; TX; CR; GR; 4500-4900’
IPOMOEA CARDIOPHYLLA Gray       Dutchman’s-pipe Morning Glory
Code: N; TH; O; TX, NM; SP, BLM; LS, RH; 4400-5700’
IPOMOEA COSTELLATA Torrey       Crested Morning Glory
Code: N; TH; O; TX; SP, CR; QZ; 6500’
IPOMOEA CRISTULATA H. Hall               Trans-Pecos Morning Glory
[Ipomoea coccinea auct. non L.]
Code: N; TH; F; TX, NM; SP, CR, MR; LS, QZ; 4500-6200’
IPOMOEA NIL (L.) Roth
Code: N; TH; F; TX; CR; GR, LS; 4800-4900’

CRASSULACEAE                       Stonecrop Family

SEDUM COCKERELLII Britton                Cockerell’s Stonecrop
Code: N; HE; VR; TX; CR; QZ; 6600’
SEDUM WRIGHTII Gray ssp. PRISCUM R. T. Clausen            Wright’s Stonecrop
[Uhl, 1972]
Code: N; HE; O; TX; SP, CR; LS, QZ, RH; 6000-6300’

CROSSOSOMATAECEAE                   Crossosoma Family

GLOSSOPETALON SPINESCENS Gray                  Spiny Greasebush
[Forsellesia spinescens (Gray) Greene]
[Ensign, 1943]
Code: N; PH; F; TX; SP; LS, RH; 4500-6900’

CUCURBITACEAE                             Gourd Family

APODANTHERA UNDULATA Gray                            Melon-loco
Code: N; GE; F; TX, NM; CR, BLM, MR; RH, GR, LS; 4200-4800’
CUCURBITA FOETIDISSIMA Humboldt, Bonpland & Kunth          Buffalo Gourd
Code: N; GE; O; TX; SP, CR; GR, RH; 4900-5200’
IBERVILLEA TENUISECTA (Gray) Small                  Deer-apples; Slimlobe Globeberry
Code: N; GE; O; TX; SP, CR, GR, LS; RH; 4200-4900’
SICYOS GLABER Wooton                        Smooth Bur-cucumber
Code: N; GE; VR; TX, CR; QZ; 6600’
Note: Turner et al. (2003) consider this taxon as a synonym of Sicyos microphyllus.  
The species has only been seen one time 0.5 mi. N of the top of North Franklin Mtn.  
at the quartzite outcrops.

CUSCUTACEAE                               Dodder Family

CUSCUTA APPLANATA Engelmann                Gila River Dodder
[Yuncker, 1921]
Code: N; TH; O; TX; LS; 4500-4700’
CUSCUTA SQUAMATA Engelm.                   Scaleflower Dodder
[Yuncker, 1921]
Note: Yuncker (1921) reports five collections of this species from “El Paso.”

ELAEAGNACEAE                               Olive Family

ELAEAGNUS ANGUSTIFOLIA L.                    Russian Olive
Code: I; PH; VR; TX; LS; 4300’
Note: A single tree was found growing near an overflow outlet of a water tank on
the west side of the Franklin Mts. I believe it has been extirpated.

**EUPHORBIACEAE**

<table>
<thead>
<tr>
<th>Species</th>
<th>Common Name</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ACALYPHA NEOMEXICANA</strong> Muell. Arg.</td>
<td>New Mexico Copperleaf</td>
</tr>
<tr>
<td>Code: N; TH; F; TX, NM; CR, MR; GR, LS; 4300-4700’</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE ARIZONICA</strong> (Engelmann) Arthur</td>
<td>Arizona Spurge</td>
</tr>
<tr>
<td><em>Euphorbia arizonica</em> Engelmann</td>
<td></td>
</tr>
<tr>
<td>[Wheeler, 1941]</td>
<td></td>
</tr>
<tr>
<td>Code: N; HE; U; TX; CR; GR; 4600’</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE CHAETOCALYX</strong> (Boiss.) Wooton &amp; Standley</td>
<td>Bristlecup Sandmat</td>
</tr>
<tr>
<td><em>Euphorbia arizonica</em> Engelmann</td>
<td></td>
</tr>
<tr>
<td>[Wheeler, 1889]</td>
<td></td>
</tr>
<tr>
<td>Code: N; HE; F; TX; SP; CR; GR, LS; 4600-5400’</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE GLYPTOSPERMA</strong> (Engelmann) Small</td>
<td>Rib-seed Spurge</td>
</tr>
<tr>
<td><em>Euphorbia glyptosperma</em> Engelmann</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; O; TX; SP</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE HYSSOPIFOLIA</strong> (L.) Small</td>
<td>Hyssop-leaf Spurge</td>
</tr>
<tr>
<td><em>Euphorbia hyssopifolia</em> L.</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; F; TX, SP; CR, GR, LS, RH; 4800-5000’</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE MICROMERA</strong> (Boiss. ex Engel.) Woot. &amp; Stand.</td>
<td>Desert Spurge</td>
</tr>
<tr>
<td><em>Euphorbia micromera</em> Boiss. ex Engel.</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; O; TX; SP; LS; 4300-4600’</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE PROSTRATA</strong> (Ait.) Small</td>
<td>Prostrate Spurge</td>
</tr>
<tr>
<td><em>Euphorbia prostrate</em> Ait.</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; R; NM; MR; LS; 4300’</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE REVOLUTA</strong> (Engel.) Small</td>
<td>Curl-leaf Spurge</td>
</tr>
<tr>
<td><em>Euphorbia revoluta</em> Engel.</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; O; TX, NM, SP, BLM, MR; LS; 4200-4300’</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE SERPYLLIFOLIA</strong> (Persoon) Small</td>
<td>Thyme-leaf Spurge</td>
</tr>
<tr>
<td><em>Euphorbia serpyllifolia</em> Persoon</td>
<td></td>
</tr>
<tr>
<td>[Wheeler, 1941]</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; O; TX, NM; SP; CR, BLM, MR; GR, LS, RH; 4200-7000’</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE SERRULA</strong> (Engel.) Woot. &amp; Standl.</td>
<td>Saw-tooth Spurge</td>
</tr>
<tr>
<td><em>Euphorbia serrula</em> Engel.</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; O; TX, NM; SP, BLM, MR; LS; 4200-5100’</td>
<td></td>
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<tr>
<td><strong>CHAMAESYCE SETILOBA</strong> (Engelmann ex Torrey) Millspaugh ex Parish</td>
<td>Shaggy Spurge</td>
</tr>
<tr>
<td><em>Euphorbia setiologa</em> Engelmann ex Torrey</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; O; TX; LS; 4100-4300’</td>
<td></td>
</tr>
<tr>
<td><strong>CHAMAESYCE STICTOSPORUM</strong> (Engelmann) Small</td>
<td>Slim-seed Spurge</td>
</tr>
<tr>
<td><em>Euphorbia stictospora</em> Engelmann</td>
<td></td>
</tr>
<tr>
<td>[Wheeler, 1941]</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; O; NM; BLM; LS; 4200-4400’</td>
<td></td>
</tr>
<tr>
<td><strong>CROTON DIOICUS</strong> Cavanilles</td>
<td>Grassland Croton</td>
</tr>
<tr>
<td><em>Croton dioicus</em></td>
<td></td>
</tr>
<tr>
<td>[Ferguson, 1901]</td>
<td></td>
</tr>
<tr>
<td>Code: N; HE; R; TX; LS; 4300’</td>
<td></td>
</tr>
<tr>
<td><strong>CROTON LINDHEIMERIANUS</strong> Scheele var. THARPII M. C. Johnston</td>
<td>Lindheimer’s Croton</td>
</tr>
<tr>
<td><em>Croton lindheimerianus</em> Scheele var. THARPII M. C. Johnston</td>
<td>Lindheimer’s Croton</td>
</tr>
<tr>
<td>Code: N; TH; O; TX, NM; BLM; LS; 4000-4600’</td>
<td></td>
</tr>
<tr>
<td><strong>CROTON POTTITI</strong> (Klotzsch) Muell. Arg.</td>
<td>Leatherweed</td>
</tr>
<tr>
<td><em>Croton potitii</em></td>
<td></td>
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<tr>
<td>Code: N; TH; F; TX, NM; SP, CR, BLM, MR; LS; 4200-5400’</td>
<td></td>
</tr>
<tr>
<td><strong>DITAXIS NEOMEXICANA</strong> (Muell. Arg.) Heller</td>
<td>New Mexico Silverbush</td>
</tr>
<tr>
<td><em>Argythamnia neomexicana</em> Muell. Arg.</td>
<td></td>
</tr>
<tr>
<td>Code: N; HE; O; TX; SP; CR; LS; RH; 4200-5000’</td>
<td></td>
</tr>
<tr>
<td><strong>EUPHORBIA BRACHYCERA</strong> Engelmann</td>
<td>Horned Spurge</td>
</tr>
<tr>
<td><em>Euphorbia brachytera</em> Engelmann</td>
<td></td>
</tr>
<tr>
<td>[Wheeler, 1941]</td>
<td></td>
</tr>
<tr>
<td>Code: N; TH; O; NM; BLM; LS; 4200-4400’</td>
<td></td>
</tr>
</tbody>
</table>
EUPHORBIA CYANTOPHORA Murray  Fire-on-the-mountain; Painted Euphorbia  
Code: N; TH; O; TX; SP; CR; GR, QZ, RH; 4800-7000'

EUPHORBIA DENTATA Michaux  Toothed Spurge  
Code: N; TH; R; TX; CR; RH; 5700’  
Note: These plants may best be assigned to Euphorbia davidii Subils.

EUPHORBIA EXSTIPULATA Engelmann  Square-seed Spurge  
Code: N; TH; O; TX; SP, CR; LS; 4100-6700’

PHYLANTHUS POLYGONOIDES Nuttall ex Sprengel  Smartweed Leaf-flower  
Code: N; HE; O; TX; SP, CR; GR, LS; 4700-4900’

TRAGIA AMBLYODONTA (Muell. Arg.) Pax & K. Hoffman  Dogtooth Noseburn  
[Miller & Webster, 1967]  
Code: N; HE; R; TX; LS; 4100’  
Note: Known from a Warnock collection from along Scenic Drive.

TRAGIA RAMOSA Torrey  Branched Noseburn  
Code: N; HE; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4400-5700’

FABACEAE (LEGUMINOSAE)  Legume Family

ACACIA ANGUSTRISSIMA (Miller) Kuntze var. CHISOSIANA Isely  Prairie Acacia  
Code: N; HE; O; TX; SP; CR; GR, RH; 4200-5800’

ACACIA CONSTRUCTA Bentham  Western White-thorn Acacia  
Code: N; PH; O; TX; SP, CR; LS, RH; 4200-6900’

ACACIA GREGGII Gray var. GREGGII  Catclaw Acacia  
Code: N; PH; R; TX; SP, CR; GR; LS; 4500’  
Note: This species has only been found in Hitt Canyon.

ACACIA NEOVERNICOSA Isely  Eastern White-thorn Acacia; Viscid Acacia  
Code: N; PH; O; TX; SP; LS; 4200-5000’

ASTRAGALUS ALLOCHROUS Gray var. PLAYANUS (M. E. Jones) Isely  Wooton’s Milkvetch  
[Astragalus wootonii Sheldon]  
Code: N; TH; O; TX; CR; GR; LS; 4100-4300’

ASTRAGALUS EMORYANUS (Rydberg) Corey  Red-stemmed Peavine; Emory’s Milkvetch  
Note: A collection was made by Warnock (7674 TEX-LL) in 1948 in McKelligon Canyon on limestone soil at 4200 ft.

ASTRAGALUS MOLLISSIMUS Torrey var. BIGELOVII (Gray) Barneby  Bigelow’s Wooly Locoweed  
[ASTRAGALUS BIGELOVII]  
(Note: A single collection is available from along the graded rode up the north wall of West Cottonwood Spring Canyon.

ASTRAGALUS NUTTALLIANUS A. DC. var. AUSTRINUS (Small) Barneby  Nuttall’s Milkvetch; Turkey-peas  
[Astragalus australis (Small) Schulz var. australis]  
Code: N; TH; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-4700’

CAESALPINIA GILLIESII (Hooker) Wallich ex D. Dietrich  Bird-of-paradise Bush  
Code: N; HE, R; TX; SP; 4700’

DALEA FORMOSA Torrey [Spellenberg, 1981]  Feather-plume  
Code: N; CH; F; TX, NM; SP, BLM, MR; GR, LS, RH; 4200-6900’

DALEA NANA Torrey ex Gray  Dwarf Prairie-clover  
Code: N; HE; O; TX; SP; LS; 4600-5000’

DALEA POGONATHERA Gray  Bearded Prairie-clover  
Code: N; HE; F; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-5400’

DALEA WRIGHTII Gray  Wright’s Prairie-clover  
Code: N; HE; R; TX, NM; SP, CR, BLM; GR, LS; 4300-4800’

DESMANTHUS GLANDULOSUS (b. l. Turner) Luckow  Glandular Bundleflower
DESMODIUM NEOMEXICANUM Gray  
New Mexico Tick-trefoil
Code: N; HE; R; TX; CR; GR, LS; 4300-4600'

GALACTIA WRIGHTII Gray var. WRIGHTII  
Wright’s Milk-pea
Code: N; HE; F; TX; CR; GR; RH; 4200-5100'

HOFFMANNSEGGIA GLAUCA (Ortega) Eifert  
Waxy Rush-pea
[Simpson, 1999]
Code: N; HE; O; TX, NM; SP, CR, BLM, MR; GR, LS; 4100-4500'

LOTUS HUMISTRATUS Greene  
Foothill Trefoil; Foothill Deervetch
Code: N; HE; R; TX; CR; GR, LS; 4300-6400'

LOTUS PLEBEIUS (Brandegee) Barneby  
New Mexico Trefoil
[Lotus oroboides (HBK) Ottley]
[Ottley, 1944]
Code: N; HE; R; TX; CR; GR; 4300-5100'

LUPINUS CONCINNUS Agradh  
Annual Lupine
Code: N; HE; F; TX; CR; SP; 4200-4500'

MEDICAGO POLYMORPHA L.  
Toothed Medick
Code: I; HE; R; TX; CR; GR; 4900'

MEDICAGO SATIVA L.  
Alfalfa
Code: I; HE; O; TX; CR; GR; 4800-5100'
Note: Alfalfa is occasionally seen growing on the roadside of Trans-Mountain Road.

MELILOMUS ALBUS Medikus  
White Sweet-clover
Code: I; HE; R; TX; SP; 5100'

MELILOMUS INDICUS (L.) Allioni  
Indian Sweet-clover; Annual Yellow Sweetclover
Code: I; HE; R; TX; CR; GR; 4900'

MIMOSA ACULEATICARPA Ortega var. BIUNCIFERA  
Wait-a-minute-bush
(Bentham) Barneby
[Mimoso biuncifera Bentham]
Code: N; PH; F; TX; SP; CR; GR; LS, RH; 4300-5700'

PARKINSONIA ACULEATA L.  
Mexican Palo-verde; Jerusalem Thorn
Code: I; HE; O; TX; CR; 4200-4900'
Note: Trees are established in many places around the base of the Franklin Mts.

PETERIA SCOPARIA Gray  
Rush Peteria
[Lavin & Sousa, 1995]
Code: N; HE; VR; TX; SP; LS; 4700'

PHASEOLUS ACUTIFOLIUS Gray  
Tepary Bean
Code: N; HE; R; TX; CR; GR, LS; 4800-5700'

PHASEOLUS ANGUSTISSIMUS Gray  
Narrow-leaf Bean
Code: N; HE; R; TX; LS; 4200-4300'

PHASEOLUS FILIFORMIS Bentham  
Slimjim Bean
[Phaseolus wrightii Gray]
Code: N; HE; O; TX; SP; CR; GR, LS; 4800-5600'

PROSOPIS GLANDULOSA Torrey  
Honey Mesquite
Code: N; PH; A; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-5600'

RHYNCHOSIA SENNA Gillies ex Hooker var. TEXANA  
Texas Snout-bean
(Torrey & Gray) M. C. Johnston
Code: N; HE; R; TX; CR; 4900'

ROBINIA NEOMEXICANA Gray  
New Mexico Locust
Code: N; PH; R; TX; SP; RH; 5600-6300'
Note: This species survives only in the upper parts of West Cottonwood Spring Canyon.

SENNA BAUHINIOIDES (Gray) Irwin & Barneby  
Two-leaf Senna
[Cassia bauhinioides Gray]
Code: N; HE; F; TX, NM; CR, BLM, MR; LS, GR; 4100-5000'

SENNA LINDHEIMERIANA (Scheele) Irwin & Barneby  
Lindheimer’s Senna
SOPHORA SECUNDIFLORA (Ortega) Lagasca ex A.DC.  Mescal Bean
Code: N; CH; VR; TX; SP; LS; 5000’
Note: The only surviving trees are on the side of the mountain in the upper southeast part of Avispa Canyon.

VICIA LUDOVICIANA Nuttall ex Torrey & Gray ssp. LUDOVICIANA  Slim Vetch
[Vicia exigua Nuttall]
Code: N; TH; O; TX; SP, CR; GR, LS, RH; 4200-5000’

FAGACEAE  Oak Family
QUERCUS ARIZONICA Sargent  Arizona Oak; Arizona White Oak
Code: N; PH; R; TX;SP, CR; RH; 5200-6000’

QUERCUS GAMBEII Nuttall  Gambel’s Oak
Code: N; PH; VR; TX; SP, CR; QZ, LS; 6000-6600’
Note: Only a few trees survive in the Franklin Mts. about 0.5 mi. NE from the top of North Franklin Mountain and immediately below Anthony’s Nose.

QUERCUS PUNGENS Leibman  Sandpaper Oak; Pungent Oak
[Rydberg, 1901]
Code: N; PH; F; TX, NM; SP, BLM, MR; LS; 4500-6350’

QUERCUS TOUMEYI Sargent  Toumey’s Oak
Code: N; PH; VR; TX; CR; QZ; 6600’
Note: We have one collection determined by C. H. Muller to be this species from 0.5 air mi. NE of the top of North Franklin Mountain.

QUERCUS TURBINELLA Greene  Desert Scrub Oak; Sonoran Scrub Oak
Code: N; PH; F; TX, SP, CR: GR, LS, RH; 4800-7000’

FOUQUIERIACEAE  Ocotillo Family
FOUQUIERIA SPLENDENS Engelmann  Ocotillo
[Nash, 1903 (1956)]
Code: N; PH; F; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-5400’

FUMARIACEAE  Fumatory Family
CORYDALIS AUREA Willdenow var. AUREA  Golden-smoke; Scrambled-eggs
Code: N; TH; O; TX; SP, CR; GR, LS, QZ, RH; 4600-5100’

GARRYACEAE  Silktassel Family
GARRYA OVATA Bentham ssp. GOLDMANII (Wooten & Standley) Dahling  Goldman’s Silktassel
Code: N; PH; R; TX; SP; LS; 5800-6400’

GARRYA WRIGHTII Torrey  Wright’s Silktassel
Code: N; PH; F; TX, NM; SP, CR; BLM; GR, LS, RH; 4800-7150’

GENTIANACEAE  Gentian Family
CENTAURIUM ARIZONICUM (Gray) Heller  Arizona Centaury
Code: N; TH; R; TX; SP, CR; GR; 4900-5000’
Note: This species has only been seen at Mundy’s Spring and at a spring in Indian Spring Canyon.

CENTAURIUM NUDICAULE (Engelmann) B. L. Robinson  Santa Catalina Centaury
Code: N; TH; VR; NM; BLM; LS; 4600’
Note: This species has only been collected from some ephemeral seeps on the
east side of the Franklin Mts. just north of Hitt Canyon.

**GERANIACEAE**

**Geranium Family**

**ERODIUM CICUTARIUM (L.) L’Heretier ex Aiton**
Filaree, Red-stem Storkbill
Code: I; TH; F; TX; CR; LS; 4200-4700’

**ERODIUM TEXANUM Gray**
Texas Filaree
Code: N; TH; O; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-4700’

**HYDRANGEACEAE**

**Hydrangea Family**

**FENDLERA FALCATA Thornber**
Cliff Fendler-bush
[Turner, 2001]
[Fendlera rupicola Gray var. falcata (Thornber) Rehder]
Code: N; PH; O; TX; SP, CR; LS, RH; 4900-7000’

**FENDLERA WRIGHTII (Engelmann & Gray) Heller**
Wright’s Fendler-bush
[Fendlera rupicola Gray var. wrightii Gray]
Code: N; PH; R; TX; SP; LS; 5400’

**PHIALDELPHUS MEARNSII W. H. Evans ex Rydberg**
Mearns’s Mock-orange
Code: N; PH; R; TX; SP; 4800-6400’

**PHIALDELPHUS MICROPHYLLUS  Gray**
Little-leaf Mock-orange
Code: N; PH; VR; TX; SP; 6000-6300’

**HYDROPHYLLACEAE**

**Waterleaf Family**

**EUCRYPTA MICRANTHA (Torrey) Heller**
Dainty Hideseed; Violet Ellisia
[Constance, 1938]
Code: N; TH; O; TX, NM; CR, BLM; LS; 4600-4900’

**NAMA DICHOTOMUM (Ruiz & Pavon) Choisy**
Wishbone Fiddleleaf
Code: N; TH; O; TX; SP; LS, RH; 5900-6700’

**NAMA HISPIDUM Gray**
Purple Roll-leaf; Sandbells; Bristly Nama; Rough Nama
Code: N; TH; O; TX; SP, CR; GR; 4200-4700’

**NAMA XYLOPODUM (Woot. & Standley) C. L. Hitch.**
Yellow-seed Fiddleleaf
Code: N; HE; VR; TX; SP; LS; 6000-6300’

**PHACELIA COERULEA Greene**
Sky-blue Scorpion-weed
[Voss, 1937]
Code: N; TH; O; TX, NM; SP, CR, BLM; GR, LS; 4200-4800’

**PHACELIA INTEGRIFOLIA Torrey var. INTEGRIFOLIA**
Gypsum Scorpion-weed
[Voss, 1927]
Code: N; TH; O; TX; SP, CR; GR, LS, RH; 4200-5200’

**PHACELIA INTERMEDIA Wooton**
Rock Scorpion-weed
Code: N; HE; F; TX; SP, CR; GR, LS, RH; 5500-6900’

**KOEBERLINEACEAE**

**Crucifixion-thorn; Crown-of-thorns**

**KOEBERLINEA SPINOSA Zuccarini var. SPINOSA**
Code: N; PH; R; TX, NM; CR, BLM; GR, LS; 4800’

**KRAMERIACEAE**

**Ratany Family**

**KRAMERIA ERECTA Willdenow ex Schultes**
Range Ratany
Krameria glandulosa  
Rose & Painter  
Code: N; CH; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-4800’

KRAMERIA GRAYI Rose & Painter  
White Ratany  
Code: N; CH; O; TX, NM; SP, BLM; LS, RH; 4250-5000’

KRAMERIA LANCEOLATA Torrey  
Trailing Ratany  
Code: N; HE; O; TX; SP, CR; GR, RH; 4350-5700’

LAMIACEAE (LABIATAE)  
Mint Family

AGASTACHE CANA (Hooker) Wooton & Standley  
Mosquito-plant  
[Lint & Epling, 1945; Sanders, 1987]  
Code: N; HE; VR; TX; 5700-6300’

HEDEOMA DRUMMONDI Benth  
Drummond’s False-pennyroyal  
Code: N; TH; VR; TX; SP; GR; 4800’

HEDEOMA NANA (Torrey) Briquet  
Dwarf False-pennyroyal  
Code: N; HE; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4500-5400’

LAMIIUM AMPLEXICAULE L.  
Henbit  
Code: I; TH; VR; TX; CR; 4300’

MARRUBIUM VULGARE L.  
Horehound  
Code: I; HE; R; TX; SP; RH; 4500-5600’

SALVIA HENRYI Gray  
Crimson Sage; Henry Sage  
Code: N; HE; O; TX, NM; SP, BLM; LS, RH; 4800-6400’

SALVIA Lycioides Gray  
Canyon Sage  
Code: N; HE; R; TX; SP; LS; 5500’

SALVIA PINGUIFOLIA (Fernald) Wooton & Standley  
Rocky Sage; Rock Sage  
Code: N; PH; F; TX; SP, CR; GR, LS, QZ, RH; 4200-6400’

SALVIA REFLEXA Hornemann  
Lanceleaf Sage  
Code: N; TH; VR; TX; SP; RH; 5850’

SALVIA SUMMA A. Nelson  
Great Sage  
Code: N; HE; R; TX; SP; LS, RH; 5400-6300’

Note: This species persists only on a few high elevation cliff faces.

STACHYS COCCINEA Jacquin  
Scarlet Hedge-nettle; Texas Betony  
Code: N; HE; VR; TX; SP; LS; 6000-6300’

Note: This species has been seen only one time growing at the base of cliffs on the north side of Anthony’s Nose.

LINACEAE  
Flax Family

LINUM LEWISII Pursh  
Prairie Flax; Blue Flax  
Code: N; HE; VR; TX; SP; RH; 5600’

Note: This species has been seen only one time on the crest of the mountain near Trans-mountain Road.

LINUM VERNALE (Wooton) Small  
Chihuahuan Flax; Spring Flax  
[Wooton, 1898]  
Code: N; HE; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-6700’

LOASACEAE  
Stickleaf Family

CEVALLIA SINUATA Lagasca  
Stinging Serpent; Shirley’s Nettle  
Code: N; HE; F; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-4900’

MENTZELIA ALBICAULIS Douglas ex Hooker  
White-stem Blazingstar  
Code: N; TH; F; TX; CR; 4200-4400’

MENTZELIA ASPERULA Wooton & Standley  
Organ Mountain Blazingstar  
Code: N; TH; R; TX; CR; 4800’

MENTZELIA MULTIFLORA (Nuttall) Gray  
Adonis Blazingstar
LYTHRACEAE

LYTHRUM CALIFORNICUM Torrey & Gray
California Loosestrife
Code: N; HE; VR; TX; SP; RH; 5000-5600’
Note: This species requires water and is known only from West Cottonwood and Mundy’s Springs.

MALPIGHIACEAE

JANUSIA GRACILIS Gray
Propeller-plant; Slender Janusia
Code: N; HE; O; TX; SP, CR, BLM, MR; GR, LS, RH; 4800-4900’

MALVACEAE

ABUTILON FRUTICOSUM Guillemin & Perrottet
Texas Indian-mallow
Code: N; PH; VR; TX; SP; LS
Note: The species has been collected on time in the Franklin Mts. by Warnock (7347 TEX-LL) in McKelligon Canyon in 1947.

ABUTILON MALACUM S. Watson
Yellow Indian-mallow
Code: N; HE; O; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4000-4800’

ABUTILON PARVULUM Gray
Dwarf Indian-mallow; Littleleaf Abutilon
Code: N; HE; O; TX, NM; SP, CR, MR; GR, LS; 4200-5100’

HERISSANTIA CRISPA (L.) Brizicky
Bladder-mallow
[Bogenhardia crispa (L.) Kearney]
Code: N; HE; O; TX; CR; GR; 4200-5300’

HIBISCUS DENUDATUS Bentham
Paleface Rosemallow; Paleface
[Fryxell, 1980]
Code: N; HE; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4000-5100’

MALVA PARVIFLORA L.
Small-flowered Cheeseweed; Cheeseweed Mallow
Code: I; HE; R; TX; 4100-4350’

RHYNCHOSIDA PHYSOCALYX (Gray) Fryxell
Buff-petal; Spear-leaf Sida
[Sida physocalyx Gray]
[Fryxell, 1978]
Code: N; HE; O; TX, NM; CR, BLM, MR; GR, LS; 4450-4800’

SIDA ABUTIFOLIA Miller
Spreading Fan-petal
[Sida filicaulis Torrey & Gray]
Code: N; HE; O; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4250-5500’

SPHAERALCEA ANGSTIFOLIA (Cav.) G. Don
Copper Globemallow
[La Duke, 1981]
Code: N; HE; O; TX, CR; GR; 4000-4200’

SPHAERALCEA COCCINEA (Nuttall) Rydberg
Scarlet Globemallow
Code: N; HE; R; TX, NM; SP, BLM, MR; LS; 4200-5700’

SPHAERALCEA DIGITATA (Greene) Rydberg
Juniper Globemallow
Code: N; HE; R; TX; LS; 4100-4500’

SPHAERALCEA FENDELI Gray
Fendler’s Globemallow
[Weedin & Powell, 1980; La Duke, 1981]
Code: N; HE; F; TX; S; CR; GR, RH; 5500-7100’

SPHAERALCEA INCANA Torrey ex Gray
Soft Globemallow
Code: N; HE; O; TX; SP; RH; 4200-5600’

MOLLUGINACEAE

Mentzelia Oligosperma Nuttall ex Simes
Chicken-thief
Code: N; HE; R; TX; SP, CR; GR, LS, QZ, RH; 4800-6100’

LYTHRACEAE

Loosestrife Family

LYTHRUM CALIFORNICUM Torrey & Gray
California Loosestrife
Code: N; HE; VR; TX; SP; RH; 5000-5600’

MALPIGHIACEAE

Malpighia Family

JANUSIA GRACILIS Gray
Propeller-plant; Slender Janusia
Code: N; HE; O; TX; SP, CR, BLM, MR; GR, LS, RH; 4800-4900’

MALVACEAE

Mallow Family

ABUTILON FRUTICOSUM Guillemin & Perrottet
Texas Indian-mallow
Code: N; PH; VR; TX; SP; LS
Note: The species has been collected on time in the Franklin Mts. by Warnock (7347 TEX-LL) in McKelligon Canyon in 1947.

ABUTILON MALACUM S. Watson
Yellow Indian-mallow
Code: N; HE; O; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4000-4800’

ABUTILON PARVULUM Gray
Dwarf Indian-mallow; Littleleaf Abutilon
Code: N; HE; O; TX, NM; SP, CR, MR; GR, LS; 4200-5100’

HERISSANTIA CRISPA (L.) Brizicky
Bladder-mallow
[Bogenhardia crispa (L.) Kearney]
Code: N; HE; O; TX; CR; GR; 4200-5300’

HIBISCUS DENUDATUS Bentham
Paleface Rosemallow; Paleface
[Fryxell, 1980]
Code: N; HE; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4000-5100’

MALVA PARVIFLORA L.
Small-flowered Cheeseweed; Cheeseweed Mallow
Code: I; HE; R; TX; 4100-4350’

RHYNCHOSIDA PHYSOCALYX (Gray) Fryxell
Buff-petal; Spear-leaf Sida
[Sida physocalyx Gray]
[Fryxell, 1978]
Code: N; HE; O; TX, NM; CR, BLM, MR; GR, LS; 4450-4800’

SIDA ABUTIFOLIA Miller
Spreading Fan-petal
[Sida filicaulis Torrey & Gray]
Code: N; HE; O; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4250-5500’

SPHAERALCEA ANGSTIFOLIA (Cav.) G. Don
Copper Globemallow
[La Duke, 1981]
Code: N; HE; O; TX, CR; GR; 4000-4200’

SPHAERALCEA COCCINEA (Nuttall) Rydberg
Scarlet Globemallow
Code: N; HE; R; TX, NM; SP, BLM, MR; LS; 4200-5700’

SPHAERALCEA DIGITATA (Greene) Rydberg
Juniper Globemallow
Code: N; HE; R; TX; LS; 4100-4500’

SPHAERALCEA FENDELI Gray
Fendler’s Globemallow
[Weedin & Powell, 1980; La Duke, 1981]
Code: N; HE; F; TX; S; CR; GR, RH; 5500-7100’

SPHAERALCEA INCANA Torrey ex Gray
Soft Globemallow
Code: N; HE; O; TX; SP; RH; 4200-5600’

MOLLUGINACEAE

Carpetweed Family
MOLLUGO CERVIANA (L.) Seringe  
Thread-stem Carpetweed  
Code: I; TH; R; TX; CR; GR, 4400’

MORACEAE  
Mulberry Family

MORUS ALBA L.  
White Mulberry  
Code: I; PH; VR; TX; SP; 4700’  
Note: Some of these were planted near the old tin mine ruins. It is not known if they still persist.

MORUS MICROPHYLLA Buckley  
Texas Mulberry  
Code: N; PH; O; TX; SP, CR; GR; 4800-5600’

NYCTAGINACEAE  
Four O’Clock Family

ACLEISANTHES CHENOPODIOIDES (Gray) R. A. Levin  
Goosefoot Moonpod  
[Amnochodon chenopodioides (Gray) Standley]  
[Standley, 1909]  
Code: N; HE; F; TX; SP, CR; GR; 4200-4900’

ALLIONIA CHOISYI Standley  
Annual Windmills  
Code: N; TH; R; TX; LS; 4100’

ALLIONIA INCARNATA L. var. INCARNATA  
Trailing Windmills  
[Standley, 1909]  
Code: N; HE; F; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-4900’

BOERHAVIA COCCINAEA Miller  
Scarlet Spiderling  
[Standley, 1909]  
Code: N; HE; O; TX; CR; GR, LS, RH; 4300-5700’

BOERHAVIA GRACILLIMA Heimerl  
Bush Spiderling  
[Standley, 1909]  
Code: N; HE; R; TX, NM; BLM, MR; LS; 4300-4800’

BOERHAVIA INTERMEDIA M. E. Jones  
Five-wing Spiderling  
Code: N; TH; F; TX, NM; CR, BLM, MR; GR, LS; 4100-4900’

BOERHAVIA WRIGHTII Gray  
Wright’s Spiderling  
Code: N; TH; R; TX, NM; SP, BLM, MR; 4200-4800’

CYPHOMERIS GYPSOPHILOIDES (Martius & Galeottii) Standley  
Delicate Darling  
[Standley, 1909]  
Code: N; HE; O; TX, NM; SP, BLM, MR; LS; 4200-5100’

MIRABILIS ALBIDA (Walter) Heimerl  
White Four-o’clock  
[Mirabilis oblongifolia (Gray) Small]  
Code: N; HE; O; TX; SP, CR; QZ, RH; 6200’

MIRABILIS COMATA (Small) Standley  
Hairy-tuft Four-o’clock  
[Turner, 1993]  
Code: N; HE; VR; TX  
Note: This species was collected one time in the Franklin Mts. by Worthington (8472 TEX-LL). It was identified and reported in the literature by Turner (1993).

MIRABILIS LINEARIS (Pursh) Heimerl  
Ribbon Four-o’clock  
[Mirabilis diffusa Heller]  
[Standley, 1909]  
Code: N; HE; O; TX, NM; SP, CR, BLM; GR, LS, RH; 4400-6600

MIRABILIS MULTIFLORA (Torrey) Gray var. MULTIFLORA  
Colorado Four-o’clock  
Code: N; HE; R; TX; SP, CR; GR, LS, RH; 5300-6750’

MIRABILIS OXYBAPHOIDES (Gray) Gray  
Spreading Four-o’clock  
Code: N; HE; O; TX; SP, CR; LS, QZ, RH; 5500-7000’
OLEACEAE                     Olive Family

FRAXINUS VELUTINA Torrey                Velvet Ash
  Code: N; PH; VR; TX; SP, CR; GR, QZ, RH; 5500-6600’

MENODORA LONGIFLORA Gray              Showy Menodora
  Code: N; HE; VR; TX; SP; GR; 4800’
  Note: One stand is known from a granite outcrop in a canyon bottom
        northeast from the top of Anthony’s Nose.

MENODORA SCABRA Gray                  Rough Menodora
  [Turner, 1991]
  Code: N; HE; F; TX, NM; SP, CR, BLM, MR; LS, RH; 4200-5700’

ONAGRACEAE                     Evening Primrose Family

CALYLOPHUS HARTWEGII (Bentham) Raven
  ssp. PUBESCENS (Gray) Towner & Raven
    Hartweg’s Sanddrops
  Code: N; HE; VR; TX; SP; LS; 4650’
  Note: One collection is available from near the old Tin Mine.

CAMISSONIA CHAMAENERIOIDES (Gray) Raven
  [Munz, 1928]
    Fireweed Suncup
    Code: N; TH; F; TX, NM; SP, CR, BLM; GR, LS; 4300-4900’

GAURA COCCINEA Nuttall ex Pursh
  Scarlet Bee-blossom
  Code: N; HE; O; TX; SP, CR; RH; 4400-5600’

GAURA MOLLIS James
  Velvet-weed
  [Gaura parviflora Douglas ex Hooker]
  Code: N; TH; R; TX; SP; 4700’

OENOTHERA ALBICAULIS Pursh
  White-stem Evening-primrose
  Code: N; TH; O; TX, NM; SP, C; BLM; GR, LS; 4200-5000’

OENOTHERA BRACHYCARPA Gray
  Shortfruit Evening-primrose
  [Munz, 1930]
  Code: N; HE; O; TX, NM; SP, C, BLM, MR; GR, LS; 4100-4800’

OENOTHERA PRIMIVARIS Gray
  Early Evening-primrose; Desert Evening-primrose
  [Munz, 1931]
  Code: N; TH; F; TX, NM; SP, CR, BLM; GR, LS; 4300-4750’

OROBANCHACEAE                     Broomrape Family

OROBANCHE COOPERI (Gray) Heller ssp. COOPERI
  Desert Broomrape
  [Orobanche ludoviciana Nuttall var. cooperi (Gray) G. Beck]
  [Munz, 1930]
  Code: N; GE; O; TX, NM; SP, CR, BLM; GR, LS, RH; 4250-6300’

OROBANCHE FASCICULATA Nuttall
  Clustered Broomrape
  Code: N; GE; R; TX, BM; SP, CR, BLM; GR; 4350-5400’

OXALIDACEAE                     Wood Sorrel Family

OXALIS DRUMMONDII Gray
  Drummond’s Wood-sorrel
  [Oxalis amplifolia auct. non (Trel.) Kunth]
  Code: N; GE; R; TX; SP; LS, RH; 5600-6300’

PAPAVERACEAE                     Poppy Family

ARGEMONE POLYANTHEMOS (Fedde) G. Ownbey
  White Prickly-poppy
  Code: N; HE; F; TX; SP, CR; GR, RH; 4100-6000’
  Note: Turner et al. (2003) show Argemone chisensis G. Ownbey in El Paso
County as well as the above. I think only one species occurs in the Franklin Mts. which keys to *polyanthemos* but I am not satisfied with the current taxonomy of this genus.

**ESCHSCHOLTZIA CALIFORNICA** Chamisso ssp. MEXICANA Mexican Poppy (Greene) C. Clark

*Eschscholtzia mexicana* Greene

Code: N; TH; F; TX, NM; SP, CR, BLM; GR, LS; 4100-4500’

**PEDALIACEAE** Sesame Family

**PROBOSCIDEA PARVIFLORA** (Wooton) Wooton & Standley Wooton’s Devil’s-claw

Code: N; TH; O; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-4900’

**PLANTAGINACEAE** Plantain Family

**PLANTAGO HOOKERIANA** Fisch. & C. A. Mey California Plantain

[Poe, 1928]

Note: Early collections by Rose (11696, US) and Jones (3707, RSA-POM, RM) place the species in El Paso and likely the Franklin Mts. bajada.

**PLANTAGO PATAGONICA** Jacquin Wooly Plantain

*[Plantago purshii]* Roemer & Schultes

[Poe, 1928]

Code: N; TH; F; TX, NM; SP, C, BLM; GR, LS, RH; 4200-7000’

**PLANTAGO RHODOSPERMA** Decaisne Red-seed Plantain

Code: N; TH; VR; TX; CR; GR; 4900’

Noted: Collected only one time at a seep NE of Indian Spring.

**POLEMONIACEAE** Phlox Family

**ERIASTRUM DIFFUSUM** (Gray) Mason Miniature Woollystar; Spreading Eriastrum

[Shinners, 1963]

Code: N; TH; F; TX; CR; 4200-4400’

**GILIA FLAVOCINCTA** A. Nelson var. AUSTRALIS (A. & V. Grant) Yellow-throat Gilia Day & V. Grant

Code: N; TH; F; TX, NM; SP, CR; BLM; GR, LS; 4200-4800’

(?) **GILIA MEXICANA** A. & V. Grant El Paso Gilia

[Shinners, 1963]

Code: N; TH; VR; TX; LS

Note: This species has been reported from the Franklin Mts. based on Warnock collections (7664, 10308). I have expended considerable effort trying to locate it. I have also become familiar with the species in New Mexico. I doubt that it is a part of the Franklin Mts. flora.

**GILIASTRUM ACEROSUM** (Gray) Rydberg Spiny Blue-bowls

*[Gilia rigidula]* Bentham ssp. *acerosa* (Gray) Wherry

Code: N; HE; VR; TX; SP; LS; 5700’

Note: This species has been collected one time NE of Anthony’s Nose.

**IPOMOPSIS LONGIFLORA** (Torrey) V. E. Grant ssp. BLUE TRUMPETS NEOMEXICANA Wilken

Code: N; TH; F; TX; SP; CR; GR, LS; 4100-4300’

**IPOMOPSIS POLYCLADON** (Torrey) V. Grant Sprawling Skyrocket

Code: N; TH; F; TX, NM; SP, BLM; LS; 4300-4700’

**IPOMOPSIS PUMILA** (Nuttall) V. Grant Low Skyrocket; Dwarf Ipomopsis

Code: N; TH; F; TX, NM; SP, BLM; LS 4500-4700’

**LINANTHUS BIGELOVII** (Gray) Greene Bigelow’s Desert-trumpets

Code: N; TH; F; TX; CR; GR; 4200-4700’
PHLOX NANA Nuttall
[Phlox mesoluca Greene; P. glabella Thurber; P. triovulata Thurber ex Torrey]
Code: N; HE; F; TX; SP; CR; GR; RH; 4600-7000'

POLYGALACEAE                        Milkwort Family

POLYGALA BARBEYANA Chodat            Blue Milkwort
[Polygala longa Blake]
Code: N; HE; R; TX; SP; CR; GR, LS; 5100-5300'
Note: R. A. Denham is of the opinion that the correct name for this plant is
Polygala reducta Blake but his findings are not published.

POLYGALA MACRADERNIA Gray            Glandular Milkwort
Code: N; HE; F; TX, NM; SP, BLM; LS; 4200-5100'

POLYGALA SCOPARIOIDES Chodat          Broom Milkwort
[Warth & Spellenberg, 1988]
Code: N; HE; O; TX, NM; SP, BLM; LS; 4200-5100'

POLYGONACEAE                      Knot weed Family; Smartweed Family

ERIOGONUM ABERTIANUM Torrey in Emory  Abert’s Wild-buckwheat
[Forsteb, 1938]
Code: N; TH; C; TX, NM; SP, CR, BLM; GR, RH, LS; 4800-5300'
Note: Varieties abertianum and cyclospermum (Greene) Forsteb occur in the
Franklin Mountains.

ERIOGONUM JAMESII Bentham            James’s Wild-buckwheat
Code: N; HE; O; TX; SP; RH; 5700-7000'
Note: The Franklin Mts. material is not assigned to variety.

ERIOGONUM POLYCLADON Bentham         Sorrel Wild-buckwheat
Code: N; TH; VR; TX; CR; 4300'

ERIOGONUM ROTUNDIFOLIUM Bentham      Saucer-leaf Wild-buckwheat
Code: N; TH; R; TX; CR; 4900'

ERIOGONUM WRIGHTII Torrey in Bentham  Bastard-sage; Wright’s Wild-buckwheat
Code: N; HE; C; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-5400'

RUMEX HYMENOSEPALUS Torrey           Canaigra; Sand Dock
Code: N; GE; F; TX, NM; SP, CR, BLM; GR, LS; 4200-5000'

PORTULACACEAE                        Purslane Family

PORTULACA HALIMOIDES L.              Silk-cotton Purslane
[Portulaca parvula Gray]
Code: N; TH; O; TX; SP; LS; 4000-6700'

PORTULACA OLERACEA L.                Hogweed; Garden Purslane; Common Purslane
Code: I; TH; O; TX, NM; CR, BLM; GR, LS; 4300-4900'

PORTULACA PILOSA L.                  Kiss-me-quick; Shaggy Portulaca
Code: N; HE; VR; TX, NM; SP, BLM, MR; LS; 4300-6850'

PORTULACA SUFFRUTESCENTS Engelmann   Shrubby Purslane
Code: N; HE; O; TX; SP; CR; GR, RH; 4450-5200'

PORTULACA UMBRACTICOLA Kunth         Chinese Hats; Wingpod Purslane
Code: N; TH; R; TX; CR; GR; 4600'
Note: Texas material is assigned to variety or subspecies lanceolata depending
on who one follows.

TALINOPSIS FRUTESCENS Gray           Arroyo Flameflower
Code: N; CH; R; TX, NM; SP, BLM, MR; LS, RH; 4250-5200'

TALINUM AURANTIACUM Engelmann         Orange Flameflower
[Talinum angustissimum(Gray) Wooton & Standley; T. polygaloides
Gilles ex Arnott
Code: N; HE; O; TX; SP, CR; GR, LS, RH; 4300-6000’
Note: Combining the taxa above may not be the correct interpretation.

TALINUM BREVICAULE S. Watson
Showy Flameflower; Dwarf Flameflower
Code: N; HE; R; TX; SP; 6350-6700’

TALINUM LONGIPES Wooton & Standley
Tortugas Flameflower; Pink Flameflower
Code: N; HE; R; TX; S, CR; LS, QZ; 5850-6400’

TALINUM PANICULATUM (Jacquin) Gaertn.
Jewels of Opar
Code: N; HE; VR; TX; SP; RH; 5000’
Note: The one collection from the Franklin Mts. is from the old Tom Mays Park area.

PRIMULACEAE
Primrose Family

ANDROSACE OCCIDENTALIS Pursh
Western Rock-jasmine
Code: N; TH; O; TX; SP, CR; GR, LS; 4600-5200’

PUNICACEAE
Pomegranate Family

PUNICA GRANATUM L.
Pomegranate
Code: I; PH; VR; TX; CR; GR; 4800’
Note: Known from a single individual established at a seep NE from Indian Spring.

RAFFLESIACEAE
Rafflesia Family

PILOSTYLES THURBERI Gray
Stem-sucker; Thurber’s Stem-sucker
Code: N; ?; VR; TX, NM; SP, BLM; 4500-4800’
Note: This plant has one of the smallest flowers in the world and is parasitic on Dalea formosa.

RANUNCULACEAE
Crowfoot Family

ANEMONE TUBEROSA Rydberg var. TUBEROSA
[Enquist & Crozier, 1995]
Desert Thimbleweed
Code: N; GE; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4500-5300’

CLEMATIS DRUMMONDII Torrey & Gray
Drummond’s Virgin’s-bower
Code: N; HE; O; TX; SP, CR; GR, LS, RH; 4200-6300’
Note: Turner et al (2003) map a record of Clematis pitcheri var. dictyota from the Franklin Mts. area.

DELPHINIUM WOOTONII Rydberg
[Woolto’s Larkspur
[Delphinium virescens Nuttall ssp. wootonii (Rydberg) Ewan]
Code: N; GE; F; TX, SP, CR; GR; 4200-5000’

RHAMNACEAE
Buckthorn Family

CEANOTHUS GREGGII Gray var. GREGGII
Desert Buckbrush
Code: N; PH; O; TX; SP; 5300-6400’

CONDALIA WARNOCKII M. C. Johnston
Crucillo; Warnock’s Snakewood
[Johnston, 1962]
Code: N; PH; O; TX; SP; 4300-4800’

ZIZIPHUS OBTUSIFOLIA (Hooker ex Torrey & Gray) Gray
Lotebush
Code: N; PH; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4300-5600’

ROSACEAE
Rose Family

CERCOCARPUS BREVIFLORUS Gray var. BREVIFLORUS
Desert Mountain Mahogany
FALLUGIA PARADOXA (D. Don) Endlicher ex Torrey  Apache Plume
Code: N; PH; O; TX; SP, CR; LS, RH; 5400-7150'

PETROPHYTUM CAESPITOSUM (Nuttall) Rydberg  Rocky Mountain Rockmat
Code: N; CH; R; TX; SP; LS; 5000-6300'

PRUNUS PERSICA Batsch  Peach
Code: I; PH; VR; TX; SP; RH; 5800'
Note: A single peach tree grew at the head of West Cottonwood Spring in 1978 but I think it has died or was cut down.

RUBIACEAE  Madder Family

GALIUM APARINE L.  Sticky-willy
Code: I; HE; R; TX; CR; GR, RH; 4900-5500'

GALIUM MICROPHYLLUM  Gray  Bract-leaf Bedstraw; Bracted Bedstraw
Code: N; HE; O; TX; SP, CR; RH; 4800-7000'

GALIUM PROLIFERUM Gray  Limestone Bedstraw
Code: N; TH; F; TX, NM; SP, CR, BLM; LS; 4300-5700'

GALIUM WRIGHTII Gray  Wright’s Bedstraw
[Galium frankliniense Correll; G. rothrockii Gray]
Code: N; HE; O; TX; SP, CR; GR, LS, RH; 4800-6750’

HOUSTONIA ACEROSA (Gray) Gray ex Bentham & Hooker  Needle-leaf Bluets
var. POLYPREMOIDES (Gray) Terrell  [Hedyotis acerosa Gray]
Code: N; HE; O; TX; SP, LS, 4600-6700’

RUTACEAE  Citrus Family

PTELEA TRIFOLIATA L. ssp. ANUGSTIFOLIA (Bentham) Bailey  Hoptree; Skunkbush
[Bailey, 1962]
Code: N; PH; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4800-7000’

THAMNOSMA TEXANA (Gray) Torrey  Texas Rue; Rue of the Mountains
Code: N; HE; O; TX, NM; SP, CR, BLM; GR, LS, 4600-5400’
Note: Turner et al. (2003) map Choisya dumosa (Torrey) Gray in or near the Franklin Mts.

SALICACEAE  Willow Family

POPULUS DELTOIDES Bartram ex Marshall ssp. Rio Grande Cottonwood
WISLIZENI (S. Watson) Eckenwalder
Code: N; PH; R; TX; SP, CR; LS, RH; 4300-5700’
Note: A collection from Indian Spring is unlike the others and may represent something different.

SALIX EXIGUA Nuttall  Sandbar Willow
Code: N; PH; VR; TX; 4300’
Note: This species has been collected one time at a water tank near the North Hills addition. It may not persist as a part of the flora.

SALIX GODDINGII Ball  Godding’s Willow
Code: N; PH; VR; TX; SP; 4660’
Note: This species has been collected only one time at a small spring 0.5 mi. SE of the old Tin Mine ruins.
SAPINDACEAE            Soapberry Family

SAPINDUS SAPONARIA L. var. DRUMMONDII (Hooker & Arnott) L. Benson
  Code: N; PH; O; TX; SP, CR; GR, LS, RH; 4900-5600’
UNGNAKIA SPECIOSA Endlicher
  Code: N; PH; VR; TX; CR; GR; 4200-4800’
  Note: This species grows among granite boulders near Trans-Mountain Road.

SAXIFRAGACEAE            Saxifrage Family

HEUCHERA RUBESCENS Torrey
  Code: N; HE; VR; TX; SP, CR; LS, QZ; 6200-6300’

SCROPHULARIACEAE            Figwort Family

CASTILLEJA INTEGRA Gray
  Code: N; HE; O; TX; SP; LS, RH; 6300-7000’
CASTILLEJA LANTANA Gray
  Code: N; HE; F; TX; SP; CR; GR, LS; 4500-7150’
CASTILLEJA SESCILIFLORA Pursh
  Code: N; HE; R; TX; SP; LS; 4900-5100’
MAURANDYA ANTIRRHINIFLORA Humboldt & Bonpland ex Willdenow
  Code: N; HE; O; TX, NM; SP, CR, BLM, MR; GR, LS; 4300-6850’
MIMULUS GLABRATUS Humboldt, Bonpland & Kunth
  Code: N; TH; F; TX; SP, CR; GR; 44-5700’
MIMULUS RUBELLUS Gray
  Code: N; TH; VR; TX; SP, CR; GR, RH; 5800-6000’
  Note: The Franklin Mts. are the only place within the state where this species occurs.
NUTTALLANTHUS TEXANUS (Scheele) D. A. Sutton
  Code: N; TH; F; TX; CR; GR; 4400-4600’

SOLANACEAE            Potato Family

CHAMAESARACHA CORONOPUS (Dunal) Gray
  Code: N; HE; O; TX; SP, CR; GR, LS; 4300-5200’
CHAMAESARACHA SORDIDA (Dunal) Gray
  Code: N; HE; F; TX, NM; SP, CR; BLM, MR; GR; LS; 4200-6900’
  Note: Some of the collections under this species may be Chamaesaracha coniodes (Moric. ex Dunal) Britton which is reported from the county in Turner et al. (2003).
DATURA WRIGHTII Regel
  Code: N; HE; O; TX; CR; TH; 4900’
LYCIUM BERLANDIERI Dunal
  Code: N; HE; O; TX; CR; TH; 4900’

LYCIUM PALLIDUM Miers                       Pale Wolfberry
    Code: N; HE; R; TX; SP; LS; 5500'
NICOTIANA TRIGONOPHYLLA Dunal                     Desert Tobacco
    Code: N; HE; O; TX; CR; GR, LS, RH; 4300-5500'
PHYSALIS HEDERIFORMIA Gray                     Ivy-leaf Ground-cherry
    Code: N; HE; O; TX; SP; CR; GR, LS; 4200-5400'
PHYSALIS FOETENS Poir. var. NEOMEXICANA (Rydb.) New Mexico Ground-cherry
    Waterfall
    [Physalis neomexicana Rydb.
    Code: N; TH; VR; TX; LS; 4100’
    Note: I have seen one collection from along Scenic Drive.
PHYSALIS SOLANACEUS (Schlecht.) Axelius        Neted Globoseherry
    [Margaranthus solaneceus Schlecht.
    Code: N; TH; O; TX; SP, CR; GR, RH; 4600-6000'
SOLANUM ELAEAGNIFOLIUM Cavanilles               Silverleaf Nightshade
    Code: N; HE; F; TX, NM; SP, BLM, MR; LS, RH; 4200-5600'
SOLANUM JAMESII Torrey                         Wild Potato
    Code: N; GE; O; TX; SP; RH; 5900-6800’
SOLANUM PTYCHANTHUM Dunal                      Horned Nightshade; Buffalo-bur
    [Solanum americanum of authors not Mill.; S. nigrum of authors not L.]
    Code: N; TH; R; TX; LS; 4000' 
SOLANUM ROSTRATUM Dunal                       Horned Nightshade; Buffalo-bur
    Code: N; TH; R; NM; BLM; LS; 4400’
SOLANUM TRIFLORUM Nuttall                      Cut-leaf Nightshade
    Code: N; TH; R; NM; BLM; LS; 4350’
    Note: This species has been collected one time at a tank on the east side of the
    mountains north of O’Hara Road.

AYENIA FILIFORMIS S. Watson               Trans-Pecos Ayenia
    Code: N; HE; F; TX; CR; GR; 4200-4900’
AYENIA MICROPHYLLA Gray                     Dense Ayenia
    Code: N; CH; O; TX; SP; LS; 4400-4800’

CELTIS RETICULATA Torrey                     Western Hackberry
    [Celtis laevigata Willd. var. reticulate (Torrey) L. Benson]
    Code: N; PH; O; TX; SP, CR; GR, RH; 4400-5700’
ULMUS PUMILA L.                             Siberian Elm
    Code: I; PH; O; TX; SP, CR; GR, LS; 4300-5200’

PARIETARIA PENSYLVANICA Muhlenberg ex Willnow Pennsylvania Pellitory
    Code: N; TH; O; TX, NM; SP, CR, BLM; GR, LS, RH; 4400-5700’
URTICA GRACILENTA Greene                     Mountain Nettle
    Code: N; TH; VR; TX; SP; QZ, RH; 6200-6900’

ALOYSIA WRIGHTII (Gray) Heller ex Abrams Wright’s Beebush; Oreganillo

[Sterculiaeae]

Cacao Family

AYENIA FILIFORMIS S. Watson               Trans-Pecos Ayenia
    Code: N; HE; F; TX; CR; GR; 4200-4900’
AYENIA MICROPHYLLA Gray                     Dense Ayenia
    Code: N; CH; O; TX; SP; LS; 4400-4800’

Elm Family

CELTIS RETICULATA Torrey                     Western Hackberry
    [Celtis laevigata Willd. var. reticulate (Torrey) L. Benson]
    Code: N; PH; O; TX; SP, CR; GR, RH; 4400-5700’
ULMUS PUMILA L.                             Siberian Elm
    Code: I; PH; O; TX; SP, CR; GR, LS; 4300-5200’

Nettle Family

PARIETARIA PENSYLVANICA Muhlenberg ex Willnow Pennsylvania Pellitory
    Code: N; TH; O; TX, NM; SP, CR, BLM; GR, LS, RH; 4400-5700’
URTICA GRACILENTA Greene                     Mountain Nettle
    Code: N; TH; VR; TX; SP; QZ, RH; 6200-6900’

Vervain Family

ALOYSIA WRIGHTII (Gray) Heller ex Abrams Wright’s Beebush; Oreganillo

STERCULIACEAE

AYENIA FILIFORMIS S. Watson               Trans-Pecos Ayenia
    Code: N; HE; F; TX; CR; GR; 4200-4900’
AYENIA MICROPHYLLA Gray                     Dense Ayenia
    Code: N; CH; O; TX; SP; LS; 4400-4800’

ULMACEAE

CELTIS RETICULATA Torrey                     Western Hackberry
    [Celtis laevigata Willd. var. reticulate (Torrey) L. Benson]
    Code: N; PH; O; TX; SP, CR; GR, RH; 4400-5700’
ULMUS PUMILA L.                             Siberian Elm
    Code: I; PH; O; TX; SP, CR; GR, LS; 4300-5200’

URTICACEAE

PARIETARIA PENSYLVANICA Muhlenberg ex Willnow Pennsylvania Pellitory
    Code: N; TH; O; TX, NM; SP, CR, BLM; GR, LS, RH; 4400-5700’
URTICA GRACILENTA Greene                     Mountain Nettle
    Code: N; TH; VR; TX; SP; QZ, RH; 6200-6900’

VERBENACEAE

ALOYSIA WRIGHTII (Gray) Heller ex Abrams Wright’s Beebush; Oreganillo
GLANDULARIA BIPINNATIFIDA (Nuttall) Nuttall var. Dakota Vervain; Sweet William
CILIATA (Bentham) Turner
[Verbena wrightii Gray]
Code: N; TH; F; TX, NM; SP, CR, MR; GR, LS; 4200-5300’
GLANDULARIA PUMILA (Rydberg) Umber Pink Vervain
Code: N; TH; R; TX; CR; GR; 4400’
TETRACLEA COULTERI Gray Coulter’s Wrinklefruit
Code: N; HE; O; TX, NM; BLM, MR; LS; 4300’
VERBENA BRACTEATA Lagasca & Rodriguez Carpet Vervain; Bigbract Verbena
Code: N; TH; R; TX, NM; SP, BLM; LS; 4400-4800’
VITEX AGNUS-CASTUS L. Chaste-tree
Code: I; PH; R; TX; LS; 4200’
Note: This species is established along Scenic Drive.

VIOLACEAE

HYBANTHUS VERTICILLATUS (Ortega) Baill. Baby-slippers
Code: N; HE; O; TX, NM; CR, BLM, MR; LS; 4200-4800’

VISCACEAE

PHORADENDRON CORYAE Trel. Cory’s Mistletoe
[Phoradendron villosum (Nuttall) Nuttall ssp. coryae (Trelease) Wiens]
Code: N; CH; F; TX; SP, CR; (on oak); 5500-7000’
PHORADENDRON HAWKSWORTHII (Wiens) Wiens Rough Mistletoe
Code: N; CH; O; TX; SP, CR; (on juniper); 4900-6000’

VITACEAE

VITIS ARIZONICA Engelmann Arizona Grape; Canyon Grape
Code: N; HE; R; TX; SP, CR; 5100-5700’

ZYGOPHYLLACEAE

KALLSTROEMIA GRANDIFLORA Torrey ex Gray Orange Caltrop
Code: N; TH; R; TX; CR; 4100’
KALLSTROEMIA PARVIFLORA Norton Warty Caltrop
Code: N; TH; O; TX; SP, CR; GR, LS; 4100-4900’
LARREA TRIDENTATA (Sesse & Mocino ex A. DC.) Coville Creosote-bush
Code: N; PH; A; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-5000’
PEGANUM HARMALA L. African-rue
Code: I; HE; O; NM; BLM; LS; 4200’
TRIBULUS TERRESTRIS L. Puncture-vine; Goat Head
Code: I; TH; F; TX; SP, CR; GR; 4200-4900’

MAGNOLIOPHYTA (Flowering Plants)
LILIOPSIDA (Monocots)

AGAVACEAE

AGAVE GRACILIPES Trelease Slimfoot Agave
AGAVE LECHUGUILLA Torrey
[Mulford, 1896]
Code: N; HE; A; TX, NM; SP, BLM, MR; LS; 4200-6900'
AGAVE PARRYI Engelmann var. NEOMEXICANA
(Wooton & Standley) Ulrich
[Agave neomexicana Wooton & Standley]
Code: N; HE; O; TX, NM; SP, BLM; LS, RH; 5500-7000'
YUCCA BACCATA Torrey var. BACCATA
[Robins, 1983]
Code: N; HE; A; TX, NM; CR, BLM, MR; LS; 5500-7000'
YUCCA ELATA Engelmann var. ELATA
Code: N; PH; A; TX; SP; 4100-5000'
YUCCA TRECULIANA Carrierre
[Agave neomexicana Wooton & Standley]
[Robins, 1983]
Code: N; PH; A; TX, NM; CR, BLM, MR; LS; 4200-5300'

COMMELINACEAE

COMMELINA DIANTHIFOLIA Delile
Bird-bill Dayflower
Code: N; GE; R; TX, SP; CR; RH; 5500-5700'
COMMELINA ERECTA L.
White-mouth Dayflower
Code: N; GE; O; TX, NM; CR, BLM, MR; LS; 4200-4800'
TRADESCANTIA OCCIDENTALIS (Britton) Smyth
Rocky Mountain Spiderwort
Code: N; GE; O; TX; SP; CR; GR; RH; 4400-6000'
Note: Franklin Mts. collections are glabrous making them var. scopulorum
(Rose) Anderson & Woodson.
TRADESCANTIA WRIGHTII Rose & Bush
Wright’s Spiderwort
Code: N; GE; R; TX; SP; LS; 6700'

CYPERACEAE

CAREX FRANKII Kunth
Frank’s Sedge
Code: N; GE; R; TX; SP; CR; GR, RH; 4800-6000'
CYPERUS FENDLERIANUS Boeckeler
Fendler’s Flat-sedge
Code: N; GE; O; TX; SP; CR; RH; 6600-7000'
CYPERUS RETROFLEXUS Buckley var. PUMILUS (Britton) Carter & Jones
One-flowered Flat-sedge
Code: N; GE; R; TX; CR; GR; 4300-4400'
CYPERUS SPHAEROLEPIS Boeckeler
Rusby’s Flat-sedge
[Pycreus fendlerianus (Boeckeler var. debilis (Britton) Kukenthal; C. rusbyi Britton]
Code: N; GE; R; TX; SP; RH; 7000'
CYPERUS SQUARROSUS L.
Awned Flat-sedge
[Cyperus aristatus Rottboell]
Code: N; TH; O; TX; CR; GR; 4900'
ELEOCHARIS MICROFORMIS S. Buckley
Hardstem Bullrush
var. ACUTUS
Note: This may be an addition to the flora of the United States as it is not
Note: A stand of this plant grows at West Cottonwood Spring.
JUNCACEAE  

**JUNCUS ARCTICUS** Willdenow  
Mexican Rush  
*Juncus mexicanus* Willdenow ex Roemer & Schultes  
Code: N; GE; VR; TX; CR; 5500’  
Note: One stand from East Cottonwood Spring appears to be var. *mexicanus*.

**JUNCUS BUFONIUS** L.  
Toad Rush  
Code: N; TH; VR; TX; CR; GR; 4900’  
Note: Collected only once from a spring 0.4 mi. NW of Indian Spring.

**JUNCUS ENSIFOLIUS** Wikstrom var. **MONTANUS** (Engelmann)  
Rocky Mountain Rush  
C. L. Hitchcock  
*Juncus saximontanus* A. Nelson  
Code: N; GE; VR; TX; CR; GR; 4900’

**JUNCUS INTERIOR** Wiegand  
Inland Rush  
Code: N; GE; R; TX; SP; CR; RH; 5500-5700’

**JUNCUS TORREYI** Coville  
Torrey’s Rush  
Code: N; GE; VR; TX; SP; CR; GR; RH; 4900-5700’

LILIACEAE  

**ALLIUM CERNUUM** Roth  
Nodding Onion  
Code: N; GE; VR; TX; CR; QZ; 6200’  
Note: The only place this species occurs in the Franklin Mts. is below the old navigation lights 0.6 mi. NE of the top of North Franklin Mountain.

**ALLIUM KUNTHII** G. Don  
Kunth’s Onion  
[Ownbey, 1950]  
Code: N; GE; O; TX; SP; LS; 5400-5600’

**ALLIUM MACROPETALUM** Rydberg  
Arizona Onion; Largeflower Onion  
[Ownbey, 1950]  
Code: N; GE; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4200-7000’

**ZEPHYRANTHES LONGIFOLIA** Hemsley  
Zephyr-lily; Rainlily  
Code: N; GE; F; TX, NM; CR, BLM; GR, LS; 4300-4700’

NOLINACEAE  

**DASYLIRION WHEELERI** S. Watson  
Common Sotol  
[Trelease, 1911; Laferriere, 1991]  
Code: N; HE; A; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-6500’

**NOLINA TEXANA** S. Watson  
Texas Beargrass  
[Trelease, 1911]  
Code: N; HE; F; TX; SP; LS; 5300-5400’

POACEAE  

**ACHNATHERUM EMINENS** (Cavanilles) Barkworth  
Southwestern Needlegrass  
*Stipa eminens* Cavanilles  
Code: N; GE; O; TX; SP; LS; 5900’

**ACHNATHERUM PERPLEXUM** Hoge & Barkworth  
New Mexico Needlegrass  
Code: N; GE; R; TX; SP; LS; 5600-6400’

**ARISTIDA ADSCENSIONIS** L.  
Six-weeks Threeawn  
[Hitchcock, 1924]  
Code: N; TH; C; TX; SP, CR; RH; 4500-7000’

**ARISTIDA PANSIA** Wooton & Standley  
Wooton’s Threeawn  
[Hitchcock, 1924]
ARISTIDA PURPUREA Nuttall                             Nealley’e Threeawn
  [Hitchcock, 1924]
  Code: N; GE; C; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-5500‘
  Note: Varieties purpurea, nealleyi and longiseta occur in the Franklin Mts.

ARISTIDA SCHIEDEANA Trinius & Ruprecht var. ORCUTTIANA Single Threeawn
  (Vasey) Allred & Valdes-R.
  [Aristida orcuttiana Vasey]
  Code: N; GE; O; TX; SP, CR; GR, LS; 4400-6700‘

ARISTIDA TERNIPES Cavanilles var. GENTILIS (Henrard) Allred Hook Threeawn
  [Aristida hamulosa Henrard]
  [Hitchcock, 1924]
  Code: N; GE; O; TX, SP; CR; GR; 4600-5300‘

ARRUNDO DONAX L.                                    Giant Reed
  Code: I; GE; VR; TX; 4200‘
  Note: This species was introduced and found growing out of fill dirt near the
       flood control dam in the North Hills Addition.

AVENA SATIVA L.                                     Common Oat
  Code: I; TH; O; TX; SP; 4300-5000‘

BOTRIOCHLOA BARBINODIS (Lagasca) Herter              Cane Bluestem
  Code: N; GE; O; TX, NM; SP, CR, BLM, MR; LS, RH: 4100-5500‘

BOTRIOCHLOA SPRINGFIELDII (Gould) Parodi            Springfield’s Bluestem
  Code: N; GE; O; TX, SP, CR; QZ, RH; 4300-6400‘

BOUTELOUA ARISTIDOIDES (Kunth) Grisebach             Needle Grama
  [Griffiths, 1912]
  Code: N; TH; O; TX, NM; CR, BLM, MR; GR; 4200-4400‘

BOUTELOUA BARBATA Lagasca                             Sixweeks Grama
  [Griffiths, 1912]
  Code: N; TH; O; TX, NM; SP, BLM, MR; LS; 4200-4300‘

BOUTELOUA CURTIPENDULA (Michaux) Torrey              Sideoats Grama
  [Griffiths, 1912]
  Code: N; GE; F; TX, NM; SP, CR, BLM, MR; LS, RH; 4200-5700‘

BOUTELOUA ERIOPODA (Torrey) Torrey                   Black Grama
  [Griffiths, 1912]
  Code: N; GE; F; TX, NM; SP, CR, BLM, MR; LS; 4200-5700‘

BOUTELOUA GRACILIS (Willdenow ex Kunth) Lagasca ex Griffiths Blue Grama
  Code: N; GE; O; TX, SP; LS, RH; 5900-7000‘

BOUTELOUA HIRSUTA Lagasca Hairy Grama
  Code: N; GE; O; TX; SP, CR; LS, RH; 4800-5300‘

BOUTELOUA WARNOCKII Gould & Kapadia                  Warnock’s Grama
  [Gould & Kapadia, 1962]
  Code: N; GE; O; TX; SP; CR; 4100-5400‘

BROMUS CARINATUS Hooker & Arnott California Brome; Mountain Brome
  Code: N; GE; R; TX; CR; RH; 5100-5700‘

BROMUS CATHARTICUS Vahl Rescuegrass
  [Bromus unioloides (Willdenow) Kunth]
  Code: I; TH; O; TX; SP; RH; 4600-5100‘

BROMUS JAPONICUS Thunberg ex Murray Japanese Brome; Meadow Brome
  Code: I; TH; R; TX; SP; 5500‘
  Note: Collected only one time at East Cottonwood Spring.

BROMUS RUBENS L.                                    Foxtail Brome; Red Brome
  Code: I; TH; A; TX, SP, CR; GR, LS; 4300-5800‘

BROMUS TECTORUM L.                                    Cheatgrass; Downy Brome
  Code: I; TH; R; TX, NM; SP, BLM; 4300-5500‘

CENCHRUS CILIARIS L.                       Buffelgrass
  Code: I; GE; R; TX; LS; 4200’
Note: Buffelgrass is no w considered a spreading weed and has only recently reached El Paso where it is established along Scenic Drive.

<table>
<thead>
<tr>
<th>Scientific Name</th>
<th>Common Name</th>
<th>Abbreviations</th>
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<tbody>
<tr>
<td>CENCHRUS SPINIFEX Cavanilles</td>
<td>Coastal Sandbur</td>
<td>Code: N; TH; O; TX; CR; 4900'</td>
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<tr>
<td>CENCHRUS INCERTUS M. A. Curtis</td>
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<tr>
<td>CHLORIS VIRGATA Swartz</td>
<td>Showy Windmillgrass; Feather Fingergrass</td>
<td>Code: I; TH; O; TX; NM; SP, CR, MR; LS; 4300-4900'</td>
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<tr>
<td>CYNODON DACTYLON (L.) Persoon</td>
<td>Bermudagrass</td>
<td>Code: I; GE; F; TX; SP, CR; 4600-5000'</td>
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<td>DASYOCHLOA PULCHELLA (Kunth) Wildenow ex Rydberg</td>
<td>Fluffgrass</td>
<td>Code: N; GE; A; TX, NM; SP, CR, BLM, MR, GR, LS; 4200-4800'</td>
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<tr>
<td>DIGITARIA PUBIFLORA (Vasey ex L. H. Dewey) Wipff</td>
<td>Fall Witchgrass</td>
<td>Code: N; GE; O; TX; SP; CR; GR; RH; 4400-4900'</td>
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<tr>
<td>ECHINOCHLOA COLONA (L.) Link</td>
<td>Jungle-rice</td>
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<tr>
<td>ECHINOCHLOA CRUS-GALLI (L.) Beauvois</td>
<td>Large Barnyardgrass</td>
<td>Code: I; TH; R; NM; BLM; LS; 4400'</td>
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<tr>
<td>ELYMUS ARIZONICUS (Scribner &amp; Smith)</td>
<td>Arizona Wheatgrass</td>
<td>Code: N; GE; F; TX, NM; CR, BLM; LS, RH; 4400-5700'</td>
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<td>ELYMUS ELYMOIDES (Rafinesque) Swezy</td>
<td>Bottlebrush Squirreltail</td>
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<tr>
<td>ENNEAPOGON DESVAUXII Desvaux ex Beauvois</td>
<td>Spike Pappusgrass</td>
<td>Code: N; GE; F; TX, NM; SP, BLM, MR; LS; RH; 4200-6300'</td>
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<tr>
<td>ERAGROSTIS BARBARIERI Daveau</td>
<td>Mediterranean Lovegrass; Bahia Lovegrass</td>
<td>Code: I; TH; O; TX, NM; CR; BLM; LS; 4300-4900'</td>
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<tr>
<td>ERAGROSTIS CILIANENSIS (Allioni) Lutati ex Janchen</td>
<td>Stinkgrass</td>
<td></td>
</tr>
<tr>
<td>ERAGROSTIS EROSA Scriber</td>
<td>Chihuahua Lovegrass</td>
<td>Code: I; TH; R; TX; CR; GR; 4300'</td>
</tr>
<tr>
<td>ERAGROSTIS INTERMEDIA A. S. Hitchcock</td>
<td>Plains Lovegrass</td>
<td>Code: N; GE; F; TX, NM; CR, BLM; GR, LS, QZ, RH; 4600-6200'</td>
</tr>
<tr>
<td>ERAGROSTIS LEHMANNIANA Nees</td>
<td>Lehmann’s Lovegrass</td>
<td>Code: I; GE; A; TX, NM; SP, BLM, MR; 4300-4500'</td>
</tr>
<tr>
<td>ERAGROSTIS PECTINACEA (Michaux) Nees ex Steudel</td>
<td>Desert Lovegrass</td>
<td>Code: N; GE; O; TX, NM; C; BLM; GR, LS, RH; 4300-5700'</td>
</tr>
<tr>
<td>ERIECHLOA ACUMINATA (Presl) Kunth</td>
<td>Texas Cupgrass</td>
<td></td>
</tr>
<tr>
<td>ERIONEURON AVENACEUM (Kunth) Tateoka</td>
<td>Large-flowered Tridens</td>
<td>Code: N; GE; O; TX; SP; LS; 4300-5500'</td>
</tr>
<tr>
<td>HESPEROSTIPA NEOMEXICANA (Thurber) Barkworth</td>
<td>New Mexico Feathergrass</td>
<td></td>
</tr>
<tr>
<td>HETEROPOGON CONTORTUS (L.) Beauvois ex Roemer &amp; Schultes</td>
<td>Tanglehead</td>
<td>Code: N; GE; O; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4300-6000'</td>
</tr>
<tr>
<td>HORDEUM JUBATUM L.</td>
<td>Foxtail Barley</td>
<td>Code: N; TH; R; TX; SP; 5500'</td>
</tr>
</tbody>
</table>
Note: This species was found on one occasion at East Cottonwood Spring.

HORDEUM MURINUM L. 
Hare Barley; Leporinum Barley
[Crítesion murinum (L.) Love; Hordeum leporinum Link]
Code: I; TH; O; TX; SP; CR; GR; LS; RH; 4100-5500’

KOELERIA MACRANTHA (Ledebour) J. A. Schultes 
Junegrass
Code: N; GE; O; TX; SP; CR; QZ; RH; 5000-7000’

LEPTOCHELOA DUBIA (Kunth) Nees 
Green Sprangletop
Code: N; GE; F; TX, NM; SP; CR, BLM, MR; LS; RH; 4200-6700’

LEPTOCHELOA FUSCA (L.) Kunth ssp. FASCICULARIS (Lam.) N. Snow Bearded Sprangletop
[Leptochloa fascicularis (Lam.) Gray]
Code: N; TH; R; TX, NM; BLM; LS; 4100-4400’

LOLIUM ARUNDINACEUM (Schreber) S. J. Darbyshire 
Tall Fescue
[ Festuca arundinacea Schreber]
Code: I; GE; VR; TX; SP; 5200’

LOLIUM PERENNE L. 
Perennial Ryegrass
Code: I; TH; VR; TX; 4200’

LYCURUS PHLEOIDES Kunth 
Common Wolftail
Code: N; GE; O; TX; SP; LS; RH; 5000-6700’

LYCURUS SETOSUS (Nuttall) C. Reeder 
Bristly Wolftail
Code: N; GE; F; TX; SP; CR; GR; RH; 4700-7000’

MUHLENBERGIA ARENACEA (Buckley) A. S. Hitchcock 
Ear Muhly
Code: N; GE; O; NM; BLM; LS; 4400’

MUHLENBERGIA ASPERIFOLIA (Nees & Meyer ex Trinius) Parodi 
Scratchgrass
Code: N; GE; VR; TX; SP; 4600-5000’

MUHLENBERGIA EMERSLEYI Vasey 
Bullgrass
Code: N; GE; O; TX; SP; CR; GR; QZ, RH; 4800-6700’

MUHLENBERGIA FRAGILIS Swallen 
Delicate Muhly
Code: N; TH; O; TX, NM; SP, BLM; LS; 4600-5900’

MUHLENBERGIA PAUCIFLORA Buckley 
New Mexico Muhly
Code: N; GE; R; TX; SP; RH; 7000’

MUHLENBERGIA POLYCAULIS Scribner 
Cliff Muhly
Code: N; GE; O; TX; SP; LS; 5900-6000’

MUHLENBERGIA PORTERI Scribner ex Beal 
Bush Muhly
Code: N; GE; A; TX, NM; SP, CR, BLM; GR; LS; 4200-5700’

MUHLENBERGIA RIGIDA (Kunth) Trinius 
Purple Muhly
Code: N; GE; O; TX; SP; RH; 5500-7000’

MUHLENBERGIA SETIFOLIA Vasey 
Curlyleaf Muhly
Code: N; GE; F; TX; SP; LS; 5000-6700’

MUHLENBERGIA TENUIFOLIA (Kunth) Trinius 
Mesa Muhly; Slimflower Muhly
[Muhlenbergia monticola Buckley]
[Peterson, P. M. and C. R. Annable. 1991]
Code: N; GE; O; TX; SP; CR; GR, LS, QZ, RH; 4800-6400’

PANICUM BULBOSUM Kunth 
Bulb Panicum
Code: N; GE; R; TX; SP; CR; RH; 5500-6000’

PANICUM HALLII Vasey 
Hall’s Panicum
[Zuloaga & Morrone, 1996]
Code: N; GE; O; TX; SP; LS; 4600-5200’

PANICUM HIRTICAULE Presl var. HIRTICAULE 
Mexican Witchgrass
[Zuloaga & Morrone, 1996]
Code: N; TH; O; TX, NM; CR, BLM, MR; GR, LS; 4200-4600’

PANICUM MILIACEUM L. 
Broomcorn Millet
Code: I; TH; R; TX; SP; LS; 5900’

PANICUM OBOTSUM Kunth 
Vine Mesquite
[Hitchcock & Chase, 1910]
Code: N; GE; R; NM; BLM; LS; 4400’

PENNISETUM SETACEUM (Forsskal) Chiovenda 
Fountaingrass
Note: Fountaingrass has been observed growing along Scenic Drive.

PHALARIS CAROLINIANA Walter
Code: N; TH; R; TX; CR; GR, RH; 4400-5000’
Carolina Canarygrass

PLEURAPHIS MUTICA Buckley
Code: N; GE; R; TX; LS; 4100-4300’
Tobosa

[ Hilaria mutica (Buckley) Bentham]

POA BIGELOVII Vasey & Scribner
Code: N; TH; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4300-6100’
Bigelow’s Bluegrass

POA F ENDLERIANA (Steudel) Vasey
Code: N; GE; O; TX, SP; CR; GR, QZ, RH; 4500-7000’
Fendler’s Muttongrass

POLYPOGON MONSPELIENSIS (L.) Desfontaines
Code: I; TH; R; TX; SP; GR; 5000’
Rabbitfootgrass
Note: This species has been collected several times at Mundy’s Spring.

POLYPOGON VIRIDIS (Gouan) Breistroffer
Code: I; GE; R; TX; SP, CR, BLM; GR, LS, RH; 4600-5700’
Water Polypogon
Note: This species is found associated with water at several springs.

POLYPOGNUM MONSPELIENSIS (L.) Desfontaines
Code: I; TH; R; TX; SP; GR; 5000’
Rabbitfootgrass
Note: This species has been collected several times at Mundy’s Spring.

SCHISMUS ARABICUS Nees
Arabian Mediterraneangrass
Code: I; TH; F; TX, NM; SP, BLM; LS; 4100-6350’

SCLEROPOGON BREVIFOLIUS Philippi
Burrograss
Code: N; GE; R; TX, NM; SP, MR; 4500-5000’

SETARIA GRIS EBACHII Fournier
Grisebach’s Bristlegrass
Code: N; TH; R; NM; BLM; LS; 4600’

SETARIA LEUCOPI L A (Scribner & Merrill) K. Schaumann
Plains Bristlegrass
[ Setaria macrostachya of authors]
[Hitchcock, 1920]
Code: N; GE; F; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-5700’

SETARIA PUMILA (Poiret) Roemer & Schultes
Yellow Bristlegrass
Code: I; TH; R; TX; 4200’

SETARIA VIRIDIS (L.) Beauvois
Green Bristlegrass
Code: I; TH; O; TX, NM; SP, CR, BLM; LS, QZ, RH; 4600-6400’

SORGHUM HALEPENSE (L.) Persoon
Johnsongrass
Code: I; GE; R; TX; CR; 4100-4900’

SPHENOPHOLIS OBTUSATA (Michaux) Scribner
Prairie Wedgescale
Code: N; GE; R; TX; CR; 5500’

SPOROBOLUS AIROIDES (Torrey) Torrey
Alkali Sacaton
Code: N; GE; R; TX, LS; 4100’

SPOROBOLUS CONTRACTUS A. S. Hitchcock
Spike Dropseed
Code: N; GE; F; TX, NM; BLM, MR; LS; 4200-4300’

SPOROBOLUS CRYPTANDRUS (Torrey) Gray
Sand Dropseed
Code: N; GE; F; TX, NM; SP, BLM, MR; LS; 4200-6700’

SPOROBOLUS FLEXUOSUS (Thurber ex Vasey) Rydberg
Mesa Dropseed
Code: N; GE; R; TX; 4300’

TRIDENS MUTICUS (Torrey) Nash
Slim Tridens
Code: N; GE; F; TX, NM; S, BLM; LS; 4300-5500’

TRISETUM INTERRUPTUM Buckley
Prairie Trisetum
Code: N; TH; O; TX, NM; SP, BLM, MR; LS; 4300-4600’

VULPIA OCTOFLORA (Walter) Rydberg
Sixweeks-fescue
Code: N; TH; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4200-7000’

TYPHACEAE
Cattail Family

TYPHA DOMINGENSIS Persoon
Southern Cattail
Code: N; GE; R; TX; SP, CR; GR; 4900-5000’
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