

**INVENTORY OF THE
VASCULAR PLANT FLORA
OF THE
FRANKLIN MOUNTAINS,
TEXAS AND NEW MEXICO**

**Compiled by
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Herbarium UTEP**

**EL PASO SOUTHWEST BOTANICAL MISCELLANY NO. 5
El Paso, Texas**

CODES

Native or Introduced:

N Native
I Introduced

Life form:

Th Therophyte
G Geophyte
H Hemicryptophyte
Ch Chamaephytes
Ph Phanerophytes

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

Substrate:

LS Limestone
GR Granite
QZ Lanoria Quartzite
RH Rhyolite

Elevational range in feet

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.

Spike-moss Family

Blunt-leaf Spikemoss

New Mexico Spikemoss

Peruvian Spikemoss

Ledge Spikemoss; Rockloving Spikemoss

Code: N; H; R; TX, CR; GR; 4900'
SELAGINELLA UNDERWOODII Hieronymus in Engler & Prantl Underwood's Spikemoss
Code: N; H; VR; TX; CR; QZ; 6400'
Note: Our only collection is from 0.5 mi. NE from the top of North Franklin Mtn.
on a shaded quartzite cliff face (*Worthington 17104* UTEP).

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

Spleenwort Family

ASPENIUM 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

Wood Fern Family

WOODSIA NEOMEXICANA Windham

New Mexico cliff-fern

[Yarborough & Powell, 2002]

Code: N; H; R; TX; SP, CR; RH, GR, QZ; 4900-7000'

WOODSIA PHILLIPSII Windham X ???

Code: N; H; R; TX; SP; RH; 6700'

WOODSIA PLUMMERAE Lemmon

Plummer's Cliff Fern; Plummer Woodsia

[Yarborough & Powell, 2002]

Code: N; H; R; TX; SP, CR; QZ, RH; 4800-7000'

WOODSIA PLUMMERAE Lemmon X ???

Code: N; H; R; TX; CR; QZ; 6600'

PTERIDACEAE

Maidenhair Fern Family

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

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

Code: N; H; O; TX; SP, CR; RH, QZ, LS; 4600-6300'	
CHEILANTHES FEEI Moore	Santa Fe Lipfern; Slender Lipfern
Code: N; H; F; NM, TX; SP, BLM; LS, RH; 4400-6850'	
CHEILANTHES FENDLERI Hooker	Fendler's Lipfern; Fairysords
Code: N; H; R; TX; SP; RH; 6700-7000'	
CHEILANTHES LINDHEIMERI (J. Smith) Hooker	Fairy Swords; Whitefoot Lipfern
Code: N; H; O; TX; SP, CR; GR, OZ, RH; 4600-5500'	
CHEILANTHES VILLOSA Davenport ex Maxon	Hairy Lipfern; Villous Lipfern
[Maxon, 1918]	
Code: N; H; R; TX; SP; LS; 4400'	
CHEILANTHES WOOTONII Maxon	Wooton's Lipfern
Code: N; H; O; TX; SP, CR; GR, QZ, RH; 4700-6300'	
CHEILANTHES YAVAPENSIS T. Reeve ex Windham	Graceful Lipfern
[Yarborough & Powell, 2002]	
Code: N; H; VR; TX; SP?	
NOTHOLAENA STANDLEYI Maxon	Standley's Cloakfern; Star Cloakfern
[Seigler & Wollenweber, 1983]	
Code: N; H; O; TX; CR, SP; GR, LS; RH; 4600-6700'	
PELLAEA ATROPURPUREA (L.) Link	Purple Cliffbrake
Code: N; H; R; TX; CR, SP; GR, LS; 4800-6300'	
PELLAEA INTERMEDIA Mett. ex Kuhn	Creeping Cliffbrake
Code: N; H; VR; TX; SP; LS; 5300-6300'	
PELLAEA TRUNCATA Goodding	Spiny Cliffbrake
[Yarborough & Powell, 2002]	
Code: N; H; O; TX; CR, SP; GR, QZ, RH; 4600-5500'	
PELLAEA WRIGHTIANA Hooker	Wright's Cliffbrake
Code: N; H; VR; TX; CR; QZ; 6400'	
Note: One collection is from 0.5 mi. NE from the top of North Franklin Mtn. At 6400 ft. (<i>Worthington 17113</i> UTEP)	

GYMNOSPERMS

CONIFEROPHYTA (Conifers)

CUPRESSACEAE

Cypress Family

JUNIPERUS COAHUILENSIS (Martinez) Gausen ex R. P. Adams var. ARIZONICA	
R. P. Adams	Roseberry Juniper
[<i>Juniperus erythrocarpa</i> Cory var. <i>coahuilensis</i> 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

Pine Family

PINUS HALEPENSIS Mill.	Aleppo Pine
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)

EPHEDRACEAE

Mormon-tea or Joint-fir Family

- EPHEDRA ASPERA Engelm. ex S. Watson Rough Ephedra; Popotillo; Boundary Ephedra
[*Ephedra nevadensis* S. Wats. var. *aspera* (Engelm.) L. Benson]
Code: N; P; F; TX, NM; BLM: CR, SP; GR, LS; 4400-6000'
EPHEDRA TRIFURCA Torrey ex S. Watson Longleaf Ephedra
Code: N; P; F; TX, NM; CR, SP, BLM, MR; GR, LS; 3900-5400'

ANGIOSPERMS (Flowering Plants)

MAGNOLIOPHYTA (Flowering Plants)

MAGNOLIOPSIDA (Dicots)

ACANTHACEAE

Acanthus Family

- CARLOWRIGHTIA LINEARIFOLIA (Torrey) Gray 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

Fig-marigold Family

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

AMARANTHACEAE

Amaranthus Family

- ACANTHOCHITON WRIGHTII Torrey Greenstripe
[*Amaranthus acanthochiton* (Torrey) Sauer]
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 BLITOIDES S. Watson Prostrate Pigweed; Mat Amaranth
[*Amaranthus graecizans* of American 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) Brnham 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
[*Amaranthus bigelovii* Uline & Bray]
Code: N; CH; F; TX, NM; SP, CR, BLM; LS, GR, RH; 4050-6850'
FROELICHA ARIZONICA Thornber ex Standley Arizona Snakecotton
Code: N; H; O; TX, NM; SP, CR, MR; LS, GR, RH; 4200-5700'
FROELICHA FLORIDANA (Nuttall) Moquin-Tandon var. CAMPESTRIS
(Small) Fernald Plains Snakecotton
[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.

GOMPHRENA 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 Densa (Humboldt & Bonpland ex Willdenow) Moq. var. Small Matweed
AGGREGATA Uline & Gray

[*Brayulinia 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; Woolly 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.

ANACARDIACEAE

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 Cockroach Plant
 Code: N; CH; O; TX; SP, CR; GR; LS; 4500-4800'
- TELOSIPHONIA BRACHYSIPHON (Torrey) Henrickson Rock-trumpets
 [*Macrosiphonia 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 Spider Milkweed
 Code: N; CH; VR; TX; SP; RH; 5400'
- ASCLEPIAS BRACHYSTEPHANA Engelmann ex Torrey Shortcrown Milkweed
 Code: N; CH; R; TX, NM; BLM; LS; 4100-4300'
 Note: This species barely enters the Franklin Mts. but is often common along War Road.
- ASCLEPIAS MACROTIS Torrey Longhood Milkweed
 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 19761* UTEP).
- ASCLEPIAS SUBVERTICILLATA (Gray) Vail Horsetail Milkweed
 Code: N; CH; R; TX; SP; 4650'
 Note: This species is locally common in the region but rare in the Franklin Mts. One collection is from along Trans-Mountain Road on the west side of the mountains (*Worthington 2875* UTEP)
- MATELEA PRODUCTA (Torrey) Woodson Texas Milkvine
 Code: N; CH; R; TX; SP, CR; GR, LS, RH; 5000-6000'
- SARCOSTEMMA CYNANCHOIDES Decaisne Climbing Milkweed; Fringed Twinevine
 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* Benth.

ASTERACEAE (COMPOSITAE)

Sunflower Family

- ACOURTIA NANA (Gray) Reveal & King Desert Holly
 [*Perezia nana* Gray]
 Code: N; CH; O; TX, NM; SP, BLM, MR; LS, RH; 4200-5500'
- ACOURTIA WRIGHTII (Gray) Reveal & King Fluff-root; Brownfoot; Pink Perezia
 [*Perezia wrightii* Gray]
 Code: N; CH; O; TX, NM; SP, CR, MR; GR, LS, RH; 4500-5500'
- AGERATINA HERBACEA (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; SP; LS; 5200-6700'
- AMBROSIA ACANTHICARPA Hooker Bur Ragweed; Annual Ragweed
 Code: N; TH; VR; 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 Faintcrown
 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 Nuttall Wormwood; White Sagebrush
 Code: N; CH; TX; SP, CR; GR, LS, RH; 4800-6700'
 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 EUPATORIOIDES (L.) Shinnars 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; Splitsleaf 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,LS, QZ, RH; 5200-7000'

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

CALYCOSERIS 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
 [Shinnars, 1946] Baby White Aster

Code: N; CH; F; TX; SP; LS, RH; 4700-6000'	
CHRYSACTINA MEXICANA Gray	Damianita
Code: N; CH; VR; TX; SP; LS; 5700'	
Note: This species occurs on limestone slopes in the Vinton Canyon area.	
CIRSIUM OCHROCENTRUM Gray ssp. OCHROCENTRUM	Yellow-spine Thistle
Code: N; CH; O; TX; SP, CR; GR, LS, RH; 4900-5700'	
CIRSIUM UNDULATUM (Nuttall) Sprengel	Wavy-leaf Thistle
Code: N; CH; O; TX; SP, CR; RH; 5100-5700'	
CONYZA CANADENSIS (L.) Cronquist var. GLABRATA (Gray)	Western Horseweed
Cronquist	
Code: I; TH; O; TX; ST, CR; GR, LS; 4300-5300'	
ERICAMERIA LARICIFOLIA (Gray) Shinners	Turpentine Bush
[Urbatsch, 1978]	
Code: N; TH; F; TX; CR; GR, LS, RH; 4800-7150'	
ERIGERON COLOMEXICANUS A. Nelson	Running Fleabane Daisy
[Cronquist, 1947]	
Code: N; CH; O; TX; SP, CR; LS, QZ; RH; 4500-7000'	
ERIGERON DIVERGENS Torrey & Gray	Spreading Fleabane Daisy
Code: N; TH/CH; F; TX; SP, CR; GR; 4300-5200'	
Note: This species is common on the roadside near the Wilderness Park Museum. The taxonomy is still unresolved as annual and perennial plants occur throughout the area that are thought to differ in chromosome number. Most of the material I have seen from the Franklin Mts. is the perennial form.	
ERIGERON MODESTUS Gray	Plains Fleabane Daisy
Code: N; CH; O; TX, NM; SP, BLM; LS; 4300-5300'	
FILAGO CALIFORNICA Nuttall	California Cotton-rose
Code: N; TH; R; TX; CR; GR; 4400'	
FLOURENSIA CERNUA A.DC.	Tarbrush; American Tarwort
[Blake, 1921; Dillon, 1984]	
Code: N; PH; F; TX, NM; SP, BLM, MR; LS, RH; 4200-6000'	
GAILLARDIA PINNATIFIDA Torrey	Red-dome Blanket-flower
[Biddulph, 1944]	
Code: N; TH; O; TX; SP; LS; 4600-5300'	
GRINDELIA NUDA Wood var. APHANACTIS (Rydberg) Nesom	Curly-top Gumweed
Code: N; H; F; TX; SP, CR; GR, RH; 4500-7000'	
Note: On the top of North Franklin Mtn. some plants within stands of <i>Grindelia nuda</i> have much smaller flowering heads and leaves suggesting an unresolved taxonomic problem. Intermediates between the two extremes are absent.	
GUTIERREZIA MICROCEPHALA (A.DC.) Gray	Thread-leaf snakeweed
[<i>Xanthocephalum microcephalum</i> (A.DC.) Shinners]	
[Solbrig, 1960]	
Code: N; H; A; TX, NM; SP, CR, BLM, MR; GR, RH, LS; 4200-5500'	
GUTIERREZIA SAROTHRAE (Pursh) Britton & Rusby	Broom Snakeweed
[<i>Xanthocephalum sarothrae</i> (Pursh) Shinners]	
Code: N; H; A; TX, NM; SP, CR, BLM, MR; LS, GR, RH; 4100-6300'	
GUTIERREZIA SPHAEROCEPHALA Gray	Round-head Snakeweed
Code: N; TH; O; TX, NM; SP, BLM; LS; 4400-5000'	
GYMNOSPERMA GLUTINOSUM (Sprengel) Lessing	Gumhead
Code: N; H; O; TX; SP; LS, RH; 4800-6700'	
HEDOSYNE AMBROSIIIFOLIA (Gray) Strother	Ragged Marsh-elder
[<i>Iva ambrosiifolia</i> (Gray) Gray]	
[Jackson, 1960]	
Code: N; TH; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-4900'	
HETEROSPERMA PINNATUM Cavanilles	Wingpetal
Code: N; TH; F; TX; SP, CR; QZ, RH; 6200-7000'	
HETEROTHECA FULCRATA (Greene) Shinners	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) Shinnery	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	
HYMENOXYIS ODORATA A. P. de Candolle	Western Bitterweed, Poison Rubberweed
[Cockerell, 1904]	
Code: N; TH; R; NM; BLM; LS; 4400'	
HYMENOXYIS VASEYI (Gray) Cockerell	Vasey's Rubberweed
[Bierner, 2001]	
Code: N; H; R; TX; SP, CR; LS, QZ; 5600-5900'	
ISOCOMA PLURIFLORA (Torr. & Gray) Greene	Southern Jimmyweed
[<i>Isocoma wrightii</i> (Gray) Wooton & Standley]	
Code: N; H; F; TX; LS; 4300'	
LACTUCA SERRIOLA L.	Prickly Lettuce
[<i>Lactuca scariola</i> L.]	
Code: I; TH; O; TX; SP, CR; GR, LS, RH; 4300-5700'	
LEUCIVA DEALBATA (Gray) Rydberg	Wooly Marsh-elder
[<i>Iva dealbata</i> Gray]	
Code: N; H; R; NM; BLM; LS; 4400'	
MACHAERANTHERA CANESCENS (Pursh) Gray var. GLABRA Gray	Smooth Sand-daisy, Hoary Tansyaster
[<i>Machaeranthera linearis</i> Greene]	
[Turner, B. L. 1987]	
Code: N; TH; O; TX; SP; 4700'	
MACHAERANTHERA GRACILIS (Nuttall) Shinnery	Slender Spine-aster
Code: N; TH; R; TX; CR; GR; 4800'	
MACHAERANTHERA PINNATIFIDA (Hooker) Shinnery 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
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 <i>Malacothrix sonorae</i> 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; Weedon & 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.; *Gnaphalium wrightii* Gray]
Code: N; H; F; TX; SP, CR; GR, RH; 4800-5500'
- PSEUDOGNAPHALIUM LUTEOALBUM (L.) Hilliard & Burt 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 Woolly 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'

BORAGINACEAE

Borage Family

- CRYPTANTHA ANGUSTIFOLIA (Torrey) Greene
Code: N; TH; R; TX; CR; GR; 4100-4500'
Panamint Cat's-eye
- CRYPTANTHA BARBIGERA (Gray) Greene
Code: N; TH; O; TX; CR; GR; 4400-4800'
Bearded Cat's-eye
- CRYPTANTHA CINEREA (Greene) Cronquist
var. CINEREA
[*Cryptantha jamesii* (Torrey) Payson]
Code: N; H; R; TX; CR; QZ; 5000-6400'
James's Popcorn
- CRYPTANTHA CRASSISEPALA (Torrey & Gray) Greene
var. ELACHANTHA I. M. Johnston
[Johnston, 1959]
Code: N; TH; A; TX, NM; SP, CR, BLM; GR, LS; 4000-5000'
Thick-sepal Cat's-eye
- CRYPTANTHA MEXICANA (Brandege) I. M. Johnston
Code: N; TH; F; TX, NM; SP, BLM, MR; LS; 4300-4900'
Mexican Cat's-eye
- CRYPTANTHA MICRANTHA (Torrey) I. M. Johnston
Code: N; TH; R; TX; CR; GR; 4400'
Red-root Cat's-eye
- CRYPTANTHA OBLATA (M. E. Jones) Payson
[Payson, 1927]
Code: N; H; O; TX, NM; SP, BLM, MR; LS; 4300-5000'
Rough Cat's-eye
- CRYPTANTHA PAYSONII (Macbride) I. M. Johnston
Code: N; H; VR; TX; SP; 4900'
Payson's Cat's-eye
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'
Winged Cat's-eye
- HELIOTROPIUM GREGGII Torrey
Code: N; H; O; TX, NM; CR, BLM, MR; GR, LS; 4200-4500'
Fragrant Heliotrope
- LAPPULA OCCIDENTALIS (S. Wats.) Greene
var. CUPULATA (Gray) Higgins
[*Lappula redowskii* (Hornemann) Greene]
Code: N; TH; A; TX, NM; SP, CR, BLM; GR, LS, RH; 4200-7000'
Spiny Sheepbur
- LITHOSPERMUM INCISUM Lehmann
Code: N; H; O; TX; SP; LS; 4700-5200'
Fringed Gromwell; Narrowleaf Stoneseed
- 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
Code: N; H; R; TX; SP, CR; GR; 5000-6000'
Purple Gromwell; Manyflowered
Stoneseed
- PECTOCARYA HETEROCARPA I. M. Johnston
Code: N; TH; R; TX; CR; GR; 4100'
Chuckwalla Combseed
- PECTOCARYA PLATYCARPA (Munz & I. M. Johnston)
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.
Broad-fruit Combseed
- TIQUILIA CANESCENS (A.DC.) A. Richardson var. CANESCENS
[*Coldenia canescens* A.DC.]
Code: N; H; F; TX, NM; SP, CR, BLM, MR; GR, LS; 4300-5400'
Wooly Crinkleemat
- TIQUILIA GOSSYPINA (Wooton & Standley) A. Richardson
[*Coldenia gossypina* (Wooton & Standley) I. M. Johnston]
Code: N; H; F; TX, NM; SP, BLM, MR; LS; 4200-4600'
Texas Crinkleemat
- TIQUILIA GREGGII (Torrey) A. Richardson
[*Coldenia greggii* (Torrey) Gray]
Plumed Crinkleemat

Code: N; TH; A; TX, NM; SP, BLM, MR; LS; 4200-5100'
 TIQUILIA HISPIDISSIMA (Torrey) A. Richardson Hairy Crinkleemat
 [*Coldenia 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
 [Hitchcock, 1936]
 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]

Code: N; H; A; TX, NM; SP, BLM, MR; LS; 4200-5000'	
PENNELIA MICRANTHA (Gray) Nieuwland	Mountain Thelypod
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
[<i>Lesquerella fendleri</i> (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
[<i>Lesquerella gordonii</i> (Gray) S. Watson]	
Code: H; TH; R; TX; SP; 4600'	
PHYSARIA PURPUREA (Gray) O'Kane & Al-Shehbaz	Purple Bladderpod
[Payson, 1921]	
[<i>Lesquerella purpurea</i> (Gray) S. Watson]	
Code: N; H; F; TX; SP, CR; GR, LS, RH; 4200-7000'	
SCHOENOCRAMBE LINEARIFOLIA (Gray) Rollins	Slim-leaf Plains-mustard
[<i>Sisymbrium linearifolium</i> (Gray) Payson]	
[Rollins, 1982]	
Code: N; H; F; TX; SP; LS, RH; 4300-7100'	
SINAPIS ARVENSIS L.	Corn-mustard
[<i>Brassica kaber</i> (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	
ssp. ARIZONICUS (S. Watson) Kruckeberg, Rodman & Worthington	Arizona Jewel-flower
[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; 4200-6100'	
Note: Hybridization between the two subspecies occurs in the general area of O'Hara Road.	
THELYPODIOPSIS PURPUSII (Brandege) 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
[<i>Opuntia imbricate</i> (Haworth) A.DC.]	
Code: N; CH; O; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-7000'	
CYLINDROPUNTIA LEPTOCAULIS (A.DC.) F. M. Knuth	Desert Christmas Cactus
[<i>Opuntia leptocaulis</i> A.DC.]	
Code: N; CH; F; TX, NM; SP, CR, BLM, MR; LS; 4200-4800'	
ECHINOCACTUS HORIZONTHALONIUS Lemaire	Eagle-claw Cactus; Devilshead
Code: N; CH; F; TX, NM; SP, BLM, MR; LS; 4200-4800'	
ECHINOCEREUS COCCINEUS Engelmann var ROSEI	Scarlet Hedgehog Cactus
W. T. Marshall	
[<i>Echinocereus triglochidiatus</i> Engelmann var. <i>melanacanthus</i> (Engelmann) L. Benson]	
Code: N; CH; F; TX; NM; SP, BLM, MR; LS, RH; 4200-7000'	
ECHINOCEREUS DASYACANTHUS Engelmann	Texas Rainbow Cactus
[<i>Echinocereus pectinatus</i> (Schwidweiler) Engelmann var. <i>neomexicana</i> (Coulter) L. Benson]	

- [Benson, 1968; Pinkava et al., 1985]
Code: N; CH; O; TX, NM; SP, BLM, MR; LS; 4200-4800'
ECHINOCEREUS FENDLERI (Engelmann) Rumpler var. Fendler's Gedgehog Cactus
FENDLERI
Code: N; CH; R; TX; CR; GR; 4300'
- ECHINOCEREUS STRAMINEUS (Engelmann) Rumpler var. Strawberry Cactus
STRAMINEUS
[*Echinocereus 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; F; TX; SP, CR; GR, LS; 4300-4700'
- ECHINOMASTUS INTERTEXTUS (Engelmann) Britt. & Early Bloomer; Pineapple Cactus
Rose 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; F; TX, NM; SP, BLM; LS; 4800-5000'
Note: This is the only federally protected plant in the Franklin Mts. so should not be collected. The species is now known to be frequent on the particular limestone where it occurs so it is under no threat and should be delisted.
- 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'
- FEROACTUS 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]

- Code: N; CH; F; TX, NM; SP, CR, BLM, MR; GR; 4200-6000'
 OPUNTIA ENGELMANNII Salm-Dyck ex Engalman var. Engalman's Prickly-pear
 ENGELMANNII
 [*Opuntia phaeacantha* Engalman var. *discata* (Griffiths) Benson]
 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 Engalman Purple Prickly-pear
 [*Opuntia violacea* Engalman]
 Code: N; CH; F; TX, NM; CR, BLM, MR; GR, LS; 4200-4800'
- PENIOCEREUS GREGGII (Engalman) Britton & Rose Night-blooming Cereus
 var. GREGGII
 Code: N; CH; VR; NM; BLM; LS; 4250'
- SCLEROCACTUS UNCINATUS (Galeotti) N. P. Taylor Chihuahuan Fish-hook Cactus
 ssp. WRIGHTII (Engalman) N. P. Taylor
 [*Ancistrocactus uncinatus* (Galeotti) L. Benson var. *wrightii* (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
perfoliata.

CAPPARACEAE [CAPPARIDACEAE]

Caper Family

- POLANISIA DODECANDRA (L.) A.DC. Red-whiskers Clammyweed
 ssp. UNIQLANDULOSA (Cav.) Iltis
 [*Polanisia uniglandulosa* 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 *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
 [Core, 1941]
 Code: N; HE; F; TX; SP, CR; GR, LS, RH; 4600-7000'
- SILENE ANTIRRHINA L. Sleepy Catchfly
 Code: N; TH; F; TX; SP, CR; GR, LS; 4200-5100'
- SILENE LACINIATA Cav. var. GREGGII (Gray) C. L. Hitchcock Cardinal Catchfly
 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
 [Correll, 1966]
 Code: N; HE; R; TX; SP, CR; QZ, RH; 6200-7000'

CELASTRACEAE

Staff-tree Family

- MORTONIA SCABRELLA Gray Sandpaper-bush
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

Goosefoot Family

- ATRIPLEX ACANTHOCARPA (Torrey) S. Watson Armed Saltbush
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 Four-wing Saltbush
Code: N; PG; A; TX, NM; SP, CR, BLM; GR; LS; 4200-4700'
- ATRIPLEX ELEGANS (Moquin-Tandon) D. Dietrich Wheel-scale
Code: N; TH; R; TX; LS; 4300'
- ATRIPLEX SEMIBACCATA R. Brown Australian Saltbush
Code: I; HE; R; TX; LS; 4400'
- ATRIPLEX WRIGHTII S. Watson Wright's Saltbush
Code: N; HE; R; TX; 4400'
Note: Found on one occasion in the median of Trans-Mountain Road.
- CHENOPODIUM ATROVIRENS Rydberg Pinyon Goosefoot
Code: N; TH; R; TX; CR; GR; 4700'
- CHENOPODIUM FREMONTII S. Watson Fremont's Goosefoot
Code: N; TH; F; TX; SP, CR; GR, RH; 4800-5400'
- CHENOPODIUM INCANUM (S. Watson) Heller Mealy Goosefoot
Code: N; TH; R; TX; SP; LS; 4800'
- CHENOPODIUM LEPTOPHYLLUM (Moquin-Tandon) Nutt. ex S. Wat. Narrow-leaf Goosefoot
Code: N; TH; R; TX; SP; LS; 5700'
- CHENOPODIUM NEOMEXICANUM Standley New Mexico Goosefoot
Code: N; TH; VR; TX; SP; LS, RH; 7000'
- KOCHIA SCOPARIA (L.) Roth Mexican Fireweed
Code: I; TH; O; TX, NM; SP, BLM; LS, RH; 4400-7000'
- KRASCHENINNIKOVIA LANATA (Pursh) Meeuse & Smits Winterfat
[*Eurotia lanata* (Pursh) Moquin-Tandon]
Code: N; HE; F; TX; SP; LS; 4300-5700'
- SALSOLA TRAGUS L. Prickly Russian-thistle; Tumbleweed
[*Salsola kali* L.]
Code: N; TH; A; TX; CR; GR, LS; 4100-7000'

CONVOLVULACEAE

Morning Glory Family

- CONVOLVULUS ARVENSIS L. Field Bindweed
Code: I; HE; R; TX, NM; SP, BLM; LS; 4300-4400'
- CONVOLVULUS EQUITANS Bentham Texas Bindweed
Code: N; HE; F; TX; SP, CR; GR, RH; 4400-5700'
- DICHONDRA ARGENTEA Humboldt & Bonpland ex Willdenow Silver Pony's-foot
Code: N; HE; R; TX; SP, CR; GR, RH; 4700-5500'
- EVOLVULUS ALSINOIDES L. var. ANGUSTIFOLIUS Torrey Slender Morning Glory
Code: N; HE; F; TX; SP, CR; GR, RH; 4800-5500'
- EVOLVULUS SERICEUS Swartz var. SERICEUS Silvery Morning Glory
Code: N; HE; R; TX; CR; QZ; 5900'

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

CRASSULACEAE

Stonecrop Family

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

CROSSOSOMATACEAE

Crossosoma Family

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

Gourd Family

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

CUSCUTACEAE

Dodder Family

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

ELAEAGNACEAE

Olive Family

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

EUPHORBIACEAE

Spurge Family

ACALYPHA NEOMEXICANA Muell. Arg. Code: N; TH; F; TX, NM; CR, MR; GR, LS; 4300-4700'	New Mexico Copperleaf
CHAMAESYCE ARIZONICA (Engelmann) Arthur [<i>Euphorbia arizonica</i> Engelmann] [Wheeler, 1941] Code: N; HE; O; TX; CR; GR, LS; 4200-4800'	Arizona Spurge
CHAMAESYCE CHAETOCALYX (Boiss.) Wooton & Standley [Millsbaugh, 1889] Code: N; HE; U; TX; CR; GR; 4600'	Bristlecup Sandmat
CHAMAESYCE FENDLERI Torrey & Gray [<i>Euphorbia fendleri</i> Torrey & Gray] Code: N; HE; F; TX; SP, CR; GR, LS; 4600-5400'	Fendler's Spurge
CHAMAESYCE GLYPTOSPERMA (Engelmann) Small [<i>Euphorbia glyptosperma</i> Engelmann] Code: N; TH; O; TX; SP	Rib-seed Spurge
CHAMAESYCE HYSSOPIFOLIA (L.) Small [<i>Euphorbia hyssopifolia</i> L.] Code: N; TH; F; TX; SP, CR; GR, LS, RH; 4800-5000'	Hyssop-leaf Spurge
CHAMAESYCE MICROMERA (Boiss. ex Engelm.) Woot. & Stand. [<i>Euphorbia micromera</i> Boiss. ex Engelm.] Code: N; TH; O; TX; SP; LS; 4300-4600'	Desert Spurge
CHAMAESYCE PROSTRATA (Ait.) Small [<i>Euphorbia prostrate</i> Ait.] Code: N; TH; R; NM; MR; LS; 4300'	Prostrate Spurge
CHAMAESYCE REVOLUTA (Engelm.) Small [<i>Euphorbia revoluta</i> Engelm.] Code: N; TH; O; TX, NM, SP, BLM, MR; LS; 4200-4300'	Curl-leaf Spurge
CHAMAESYCE SERPYLLIFOLA (Persoon) Small [<i>Euphorbia serpyllifolia</i> Persoon] [Wheeler, 1941] Code: N; TH; O; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-7000'	Thyme-leaf Spurge
CHAMAESYCE SERRULA (Engelmann) Woot. & Standl. [<i>Euphorbia serrula</i> Engelmann] Code: N; TH; O; TX, NM; SP, BLM, MR; LS; 4200-5100'	Saw-tooth Spurge
CHAMAESYCE SETILOBA (Engelmann ex Torrey) Millsbaugh ex Parish [<i>Euphorbia setiloba</i> Engelmann ex Torrey] Code: N; TH; O; TX; LS; 4100-4300'	Shaggy Spurge
CHAMAESYCE STICTOSPORIA (Engelmann) Small [<i>Euphorbia stictospora</i> Engelmann] [Wheeler, 1941] Code: N; TH; O; NM; BLM; LS; 4200-4400'	Slim-seed Spurge
CROTON DIOICUS Cavanilles [Ferguson, 1901] Code: N; HE; R; TX; LS; 4300'	Grassland Croton
CROTON LINDHEIMERIANUS Scheele var. THARPII M. C. Johnston Code: N; TH; O; TX, NM; BLM; LS; 4000-4600'	Lindheimer's Croton
CROTON POTTSII (Klotzsch) Muell. Arg. Code: N; TH; F; TX, NM; SP, CR, BLM, MR; LS; 4200-5400'	Leatherweed
DITAXIS NEOMEXICANA (Muell. Arg.) Heller [<i>Argythamnia neomexicana</i> Muell. Arg.] Code: N; HE; O; TX; SP, CR; LS, RH; 4200-5000'	New Mexico Silverbush
EUPHORBIA BRACHYCERA Engelmann	Horned Spurge

Code: N; HE; O; TX; SP; LS; 4800-6400'	
EUPHORBIA CYANTHOPHORA 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 <i>Euphorbia davidii</i> Subils.	
EUPHORBIA EXSTIPULATA Engelm	Square-seed Spurge
Code: N; TH; F; TX, NM; SP, CR, BLM, MR; LS; 4100-6700'	
PHYLLANTHUS POLYGONOIDES Nuttall ex Sprengel	Smartweed Leaf-flower
Code: N; HE; O; TX; SP, CR; 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 ANGUSTISSIMA (Miller) Kuntze var. CHISOSIANA Isely	Prairie Acacia
Code: N; HE; O; TX; SP, CR; GR, RH; 4200-5800'	
ACACIA CONSTRICTA Benth	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; 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	Wooton's Milkvetch
(M. E. Jones) Isely	
[<i>Astragalus wootonii</i> 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	Bigelow's Woolly Locoweed
(Gray) Barneby	
Code: N; HE; R; TX; SP; RH; 5500'	
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	Nuttall's Milkvetch; Turkey-peas
(Small) Barneby	
[<i>Astragalus austrinus</i> (Small) Schulz var. <i>austrinus</i>]	
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	Feather-plume
[Spellenberg, 1981]	
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

[Luckow, 1993]
Code: N; HE; R; TX; CR; GR, LS; 4300-4600'
DESMODIUM NEOMEXICANUM Gray New Mexico Tick-trefoil
Code: N; TH; R; TX; CR; QZ; 6200'
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; TH; R; TX; CR; GR; 4300'
LOTUS PLEBEIUS (Brandege) Barneby New Mexico Trefoil
[*Lotus oroboides* (HBK) Ottley]
[Ottley, 1944]
Code: N; HE; TX; CR; GR, QZ; 4200-6400'
LUPINUS CONCINNUS Agradh Annual Lupine
Code: N; TH; F; TX; CR; SP; 4200-4500'
MEDICAGO POLYMORPHA L. Toothed Medick
Code: I; HE; VR; TX; CR; GR; 4900'
MEDICAGO SATIVA L. Alfalfa
Code: I; HE; O; TX; SP, CR; 4800-5100'
Note: Alfalfa is occasionally seen growing on the roadside of Trans-Mountain Road.
MELILOTUS ALBUS Medikus White Sweet-clover
Code: I; TH; R; TX; SP; 5100'
MELILOTUS INDICUS (L.) Allioni Indian Sweet-clover; Annual Yellow Sweetclover
Code: I; TH; R; TX; CR; GR; 4900'
MIMOSA ACULEATICARPA Ortega var. BIUNCIFERA Wait-a-minute-bush
(Bentham) Barneby
[*Mimosa biuncifera* Bentham]
Code: N; PH; F; TX; SP, CR; GR; LS, RH; 4300-5700'
PARKINSONIA ACULEATA L. Mexican Palo-verde; Jerusalem Thorn
Code: I; PH; 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; TH; O; TX; CR; GR, RH; 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; TH; 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 BAUHINIODES (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

- Code: N; HE; F; TX; SP, CR; GR, LS; 4200-6000'
 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 GAMBELII 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 Benth ssp. GOLDMANII Goldman's Silktassel
 (Wooten & Standley) Dahling
 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; SP, CR; GR, 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

- FENDLERIA 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'
FENDLERIA WRIGHTII (Engelmann & Gray) Heller Wright's Fendler-bush
[*Fendlera rupicola* Gray var. *wrightii* Gray]
Code: N; PH; R; TX; SP; LS; 5400'
PHILADELPHUS MEARNsii W. H. Evans ex Rydberg Mearns's Mock-orange
Code: N; PH; R; TX; SP; LS; 4800-6400'
PHILADELPHUS 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
Code: N; TH; R; NM; BLM; LS; 4400-4500'
PHACELIA POPEI Torrey & Gray Pope's Scorpion-weed
Code: N; TH; R; NM; BLM; LS; 4500'
PHACELIA RUPESTRIS Greene Rock Scorpion-weed
Code: N; HE; F; TX; SP, CR; GR, LS, RH; 5500-6900'

KOEBERLINEACEAE

- KOEBERLINEA SPINOSA Zuccarini var. SPINOSA Crucifixion-thorn; Crown-of-thorns
Code: N; PH; R; TX, NM; CR, BLM; GR, LS; 4800'

KRAMERIACEAE

Ratany Family

- KRAMERIA ERECTA Willdenow ex Schultes Range Ratany

[<i>Krameria glandulosa</i> 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; CR; QZ; 5700-6300'	
HEDEOMA DRUMMONDII Bentham	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'	
LAMIUM 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; GR; 4200-4400'	
MENTZELIA ASPERULA Wooton & Standley	Organ Mountain Blazingstar
Code: N; TH; R; TX; CR; 4800'	
MENTZELIA MULTIFLORA (Nuttall) Gray	Adonis Blazingstar

Code: N; HE; F; TX; SP, CR; GR, LS; 4000-5700'
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'
Note: This species requires water and is known only from West Cottonwood and Mundy's Springs.

MALPIGHIACEAE

Malpighia Family

JANUSIA GRACILIS Gray Propeller-plant; Slender Janusia
Code: N; HE; O; TX; SP, CR; 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 McKelligopn 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 DENUATUS 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 ANGUSTIFOLIA (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 FENDLERI 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
Code: I; TH; R; TX; CR; GR, 4400'

Thread-stem Carpetweed

MORACEAE

Mulberry Family

MORUS ALBA L.
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.

White Mulberry

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

Texas Mulberry

NYCTAGINACEAE

Four O'Clock Family

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

Goosefoot Moonpod

ALLIONIA CHOISYI Standley
Code: N; TH; R; TX; LS; 4100'

Annual Windmills

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

Trailing Windmills

BOERHAVIA COCCINEA Miller
[Standley, 1909]
Code: N; HE; O; TX; CR; GR, LS, RH; 4300-5700'

Scarlet Spiderling

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

Bush Spiderling

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

Five-wing Spiderling

BOERHAVIA WRIGHTII Gray
Code: N; TH; R; TX, NM; SP, BLM, MR; 4200-4800'

Wright's Spiderling

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

Delicate Darling

MIRABILIS ALBIDA (Walter) Heimerl
[*Mirabilis oblongifolia* (Gray) Small]
Code: N; HE; O; TX; SP, CR; QZ, RH; 6200'

White Four-o'clock

MIRABILIS COMATA (Small) Standley
[Turner, 1993]
Code: N; HE; VR; TX

Hairy-tuft Four-o'clock

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
[*Mirabilis diffusa* Heller]
[Standley, 1909]
Code: N; HE; O; TX, NM; SP, CR, BLM; GR, LS, RH; 4400-6600

Ribbon Four-o'clock

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

Colorado Four-o'clock

MIRABILIS OXYBAPHOIDES (Gray) Gray
Code: N; HE; O; TX; SP, CR; LS, QZ, RH; 5500-7000'

Spreading Four-o'clock

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 Hartweg's Sanddrops
ssp. PUBESCENS (Gray) Townner & Raven
Code: N; HE; VR; TX; SP; LS; 4650'
Note: One collection is available from near the old Tin Mine.
- CAMISSONIA CHAMAENERIOIDES (Gray) Raven Fireweed Suncup
[Munz, 1928]
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; GR, 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 chisosensis* 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 Woolly 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 Santa Fe Phlox
[*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 MACRADENIA Gray Glandular Milkwort
Code: N; HE; F; TX, NM; SP, BLM; LS; 4200-5100'

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

POLYGONACEAE

Knotweed Family; Smartweed Family

ERIOGONUM ABERTIANUM Torrey in Emory Abert's Wild-buckwheat
[Fosberg, 1938]
Code: N; TH; C; TX, NM; SP, CR, BLM; GR, RH, LS; 4800-5300'
Note: Varieties *abertianum* and *cyclosepalum* (Greene) Fosberg 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; GR; 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 SUFFRUTESCENS 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; LS; 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 Desert Thimbleweed
 [Enquist & Crozier, 1995]
 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 Wooton'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; LS; 5300-6400'
 CONDALIA WARNOCKII M. C. Johnston Crucillo; Warnock's Snakewood
 [Johnston, 1962]
 Code: N; PH; O; TX; SP; LS; 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

[Martin, 1950]
 Code: N; PH; O; TX; SP, CR; LS, RH; 5400-7150'
 FALLUGIA PARADOXA (D. Don) Endlicher ex Torrey Apache Plume
 Code: N; PH; C; TX; SP, CR; GR, LS, RH; 4200-7150'
 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. ANGUSTIFOLIA (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 GOODDINGII Ball Goodding'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 Western Soapberry
Code: N; PH; O; TX; SP, CR; GR, LS, RH; 4900-5600'
- UNGNADIA SPECIOSA Endlicher Mexican-buckeye
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 Pink Alumroot
Code: N; HE; VR; TX; SP, CR; LS, QZ; 6200-6300'

SCROPHULARIACEAE**Figwort Family**

- CASTILLEJA INTEGRAL Gray Southwestern Indian-paintbrush
Code: N; HE; O; TX; SP; LS, RH; 6300-7000'
- CASTILLAJA LANATA Gray Woolly Indian-paintbrush
Code: N; HE; F; TX; SP, CR; GR, LS; 4500-7150'
- CASTILLEJA SESSILIFLORA Pursh Great Plains Indian-paintbrush
Code: N; HE; R; TX; SP; LS; 4900-5100'
- MAURANDYA ANTIRRHINIFLORA Humboldt & Bonpland ex Willdenow Roving Sailor
[*Maurandella antirrhiniflora* (Humboldt & Bonpland ex Willd.) Rothmaler]
[Pennell, 1940; Elisens, 1985]
Code: N; HE; O; TX, NM; SP, CR, BLM, MR; GR, LS; 4300-6850'
- MIMULUS GLABRATUS Humboldt, Bonpland & Kunth Round-leaf Monkey-flower
Code: N; TH; F; TX; SP, CR; GR; 44-5700'
- MIMULUS RUBELLUS Gray Red-stem Monkey-flower
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 Texas Toadflax
[*Linaria texana* Scheele]
[Pennell, 1940]
Code: N; TH; F; TX; CR; GR; GR; 4400-4600'
- PENSTEMON FENDLERI Torrey & Gray Fendler's Beardtongue
Code: N; HE; R; TX; SP; RH; 5100'

SOLANACEAE**Potato Family**

- CHAMAESARACHA CORONOPUS (Dunal) Gray Green-leaf Five-eyes
[Averett, 1973]
Code: N; HE; O; TX; SP, CR; GR, LS; 4300-5200'
- CHAMAESARACHA SORDIDA (Dunal) Gray Hairy five-eyes
[Averett, 1973]
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 Sacred Thorn-apple
Code: N; HE; O; TX; CR; TH; 4900'
- LYCIUM BERLANDIERI Dunal Silver Woldberry

[Hitchcock, 1932] Code: N; PH; O; TX; SP, CR; GR, LS; 4300-5500'	
LYCIUM PALLIDUM Miers Code: N; HE; R; TX; SP; LS; 5500'	Pale Wolfberry
NICOTIANA TRIGONOPHYLLA Dunal Code: N; HE; O; TX; CR; GR, LS, RH; 4300-5500'	Desert Tobacco
PHYSALIS HEDERIFOLIA Gray Code: N; HE; O; TX; SP, CR; GR, LS; 4200-5400'	Ivy-leaf Ground-cherry
PHYSALIS FOETENS Poiret var. NEOMEXICANA (Rydberg) Waterfall [<i>Physalis neomexicana</i> Rydberg] Code: N; TH; VR; TX; LS; 4100' Note: I have seen one collection from along Scenic Drive.	New Mexico Ground-cherry
PHYSALIS SOLANACEUS (Schlecht.) Axelius [<i>Margaranthus solanaceus</i> Schlecht.] Code: N; TH; O; TX; SP, CR; GR, RH; 4600-6000'	Netted Globecherry
SOLANUM ELAEAGNIFOLIUM Cavanilles Code: N; HE; F; TX, NM; SP, BLM, MR; LS, RH; 4200-5600'	Silverleaf Nightshade
SOLANUM JAMESII Torrey Code: N; GE; O; TX; SP; RH; 5900-6800'	Wild Potato
SOLANUM PTYCHANTHUM Dunal [<i>Solanum americanum</i> of authors not Mill.; <i>S. nigrum</i> of authors not L.] Code: N; TH; R; TX; LS; 4000'	
SOLANUM ROSTRATUM Dunal Code: N; TH; R; NM; BLM; LS; 4400'	Horned Nightshade; Buffalo-bur
SOLANUM TRIFLORUM Nuttall 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.	Cut-leaf Nightshade

STERCULIACEAE

Cacao Family

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

ULMACEAE

Elm Family

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

URTICACEAE

Nettle Family

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

VERBENACEAE

Vervain Family

ALOYSIA WRIGHTII (Gray) Heller ex Abrams	Wright's Beebush; Oreganillo
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Code: N; PH; F; TX, NM; SP, CR, MR; GR, LS, RH; 4200-5700'
 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) Unger 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

Violet Family

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

VISCACEAE

Mistletoe Family

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

Grape Family

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

ZYGOPHYLLACEAE

Caltrop Family

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 Family

AGAVE GRACILIPES Trelease Slimfoot Agave

Code: N; HE; O; TX; SP; LS; 5900'	
AGAVE LECHUGUILLA Torrey	Lechuguilla
[Mulford, 1896]	
Code: N; HE; A; TX, NM; SP, BLM, MR; LS; 4200-6900'	
AGAVE PARRYI Engelmann var. NEOMEXICANA	New Mexico Agave
(Wooton & Standley) Ulrich	
[<i>Agave neomexicana</i> Wooton & Standley]	
Code: N; HE; O; TX, NM; SP, BLM; LS, RH; 5500-7000'	
YUCCA BACCATA Torrey var. BACCATA	Banana Yucca
[Robins, 1983]	
Code: N; HE; A; TX, NM; SP, CR, BLM, MR; GR, LS; 4300-5000'	
YUCCA ELATA Engelmann var. ELATA	Soaptree Yucca
Code: N; PH; A; TX; SP; 4100-5000'	
YUCCA TRECULIANA Carrierre	Torrey's Yucca
[<i>Yucca torreyi</i> Shafer]	
[Robins, 1983]	
Code: N; PH; A; TX, NM; SP, CR, BLM, MR; LS; 4200-5300'	

COMMELINACEAE

Spiderwort Family

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; GR, 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. <i>scopulorum</i> (Rose) Anderson & Woodson.	
TRADESCANTIA WRIGHTII Rose & Bush	Wright's Spiderwort
Code: N; GE; R; TX; SP; LS; 6700'	

CYPERACEAE

Sedge Family

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)	One-flowered Flat-sedge
Carter & Jones	
Code: N; GE; R; TX; CR; GR; 4300-4400'	
CYPERUS SPHAEROLEPIS Boeckeler	Rusby's Flat-sedge
[<i>Cyperus fendlerianus</i> Boeckeler var. <i>debilis</i> (Britton) Kukenthal; <i>C. rusbyi</i> Britton]	
Code: N; GE; R; TX; SP; RH; 7000'	
CYPERUS SQUARROSUS L.	Awned Flat-sedge
[<i>Cyperus aristatus</i> Rottboell]	
Code: N; TH; O; TX; CR; GR; 4900'	
ELEOCHARIS MICROFORMIS S. Buckley	
Code: N; TH; VR; TX; CR; GR; 4800'	
Note: This may be an addition to the flora of the United States as it is not covered in the Flora of North America treatment.	
SCHOENOPLECTUS ACUTUS (Muhlenberg ex Bigelow) A. & D. Love	Hardstem Bullrush
var. ACUTUS	
Code: N; GE; VR; TX; SP; RH; 5600'	
Note: A stand of this plant grows at West Cottonwood Spring.	

JUNCACEAE

Rush Family

- 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 one time 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

LILY FAMILY

- 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

Beargrass Family

- 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

Grass Family

- 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 Threawn
[Hitchcock, 1924]
Code: N; TH; C; TX; SP, CR; RH; 4500-7000'
- ARISTIDA PANSA Wootton & Standley Wootton's Threawn
[Hitchcock, 1924]

Code: N; GE; R; TX, NM; SP, BLM, MR; LS, 4300'
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'

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

BOTHRIOCHLOA 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 now considered a spreading weed and has only recently reached El Paso where it is established along Scenic Drive.

CENCHRUS SPINIFEX Cavanilles [<i>Cenchrus incertus</i> M. A. Curtis] Code: N; TH; O; TX; CR; 4900'	Coastal Sandbur
CHLORIS VIRGATA Swartz Code: I; TH; O; TX, NM; SP, CR, MR; LS; 4300-4900'	Showy Windmillgrass; Feather Fingergrass
CYNODON DACTYLON (L.) Persoon Code: I; GE; F; TX; SP, CR; 4600-5000'	Bermudagrass
DASYOCHLOA PULCHELLA (Kunth) Willdenow ex Rydberg [<i>Erioneuron pulchellum</i> (Willdenow ex Rydberg) Tateoka] Code: N; GE; A; TX, NM; SP, CR, BLM, MR; GR, LS; 4200-4800'	Fluffgrass
DIGITARIA CALIFORNICA (Bentham) Henrard [<i>Trichachne californica</i> (Bentham) Chase] Code: N; GE; F; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4200-5500'	Arizona Cottontop
DIGITARIA PUBIFLORA (Vasey ex L. H. Dewey) Wipff [<i>Leptoloma cognatum</i> (Schultes) Chase ssp. <i>pubiflora</i> (Vasey) Wipff & Hatch] Code: N; GE; O; TX; SP, CR; GR, RH; 4400-4900'	Fall Witchgrass
ECHINOCHLOA COLONA (L.) Link [Hitchcock, 1920] Code: I; TH; R; NM; BLM; LS; 4400'	Jungle-rice
ECHINOCHLOA CRUS-GALLI (L.) Beauvois [Hitchcock, 1920] Code: I; TH; R; TX, NM; CR, BLM; LS, RH; 4400-5700'	Large Barnyardgrass
ELYMUS ARIZONICUS (Scribner & Smith) Gould [<i>Agropyron arizonicum</i> Scribner & Smith] Code: N; GE; R; TX; SP, CR; LS, QZ, RH; 6400-7000'	Arizona Wheatgrass
ELYMUS ELYMOIDES (Rafinesque) Swezey [<i>Sitanion hystrix</i> (Nuttall) J. S. Smith in part] Code: N; GE; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4500-7000'	Bottlebrush Squirreltail
ENNEAPOGON DESVAUXII Desvaux ex Beauvois Code: N; GE; F; TX, NM; SP, BLM, MR; LS, RH; 4200-6300'	Spike Pappusgrass
ERAGROSTIS BARRELIERI Daveau Code: I; TH; O; TX, NM; CR, BLM; LS; 4300-4900'	Mediterranean Lovegrass; Bahia Lovegrass
ERAGROSTIS CILIANENSIS (Allioni) Lutati ex Janchen Code: I; TH; R; TX; CR; GR; 4300'	Stinkgrass
ERAGROSTIS EROSA Scribner Code: N; GE; R; TX; SP; RH; 6200'	Chihuahua Lovegrass
ERAGROSTIS INTERMEDIA A. S. Hitchcock Code: N; GE; F; TX, NM; CR, BLM; GR, LS, QZ, RH; 4600-6200'	Plains Lovegrass
ERAGROSTIS LEHMANNIANA Nees Code: I; GE; A; TX, NM; SP, BLM, MR; 4300-4500'	Lehmann's Lovegrass
ERAGROSTIS PECTINACEA (Michaux) Nees ex Steudel Code: N; GE; O; TX, NM; C, BLM; GR, LS, RH; 4300-5700'	Desert Lovegrass
ERIOCHLOA ACUMINATA (Presl) Kunth [Shaw & Webster, 1987] Code: N; TH; R; NM; BLM; LS; 4200'	Texas Cupgrass
ERIONEURON AVENACEUM (Kunth) Tateoka Code: N; GE; O; TX; SP; LS; 4300-5500'	Large-flowered Tridens
HESPEROSTIPA NEOMEXICANA (Thurber) Barkworth [<i>Stipa neomexicana</i> (Thurber) Scribner] Code: N; GE; R; TX; SP; LS; 6350'	New Mexico Feathergrass
HETEROPOGON CONTORTUS (L.) Beauvois ex Roemer & Schultes Code: N; GE; O; TX, NM; SP, CR, BLM, MR; GR, LS, RH; 4300-6000'	Tanglehead
HORDEUM JUBATUM L. Code: N; TH; R; TX; SP; 5500'	Foxtail Barley

Note: This species was found on one occasion at East Cottonwood Spring.

HORDEUM MURINUM L.	Hare Barley; Leporinum Barley
[<i>Critesion murinum</i> (L.) Love; <i>Hordeum leporinum</i> 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'	
LEPTOCHLOA DUBIA (Kunth) Nees	Green Sprangletop
Code: N; GE; F; TX, NM; SP, CR, BLM, MR; LS, RH; 4200-6700'	
LEPTOCHLOA FUSCA (L.) Kunth ssp. FASCICULARIS (Lam.) N. Snow	Bearded Sprangletop
[<i>Leptochloa fascicularis</i> (Lam.) Gray]	
Code: N; TH; R; TX, NM; BLM; LS; 4100-4400'	
LOLIUM ARUNDINACEUM (Schreber) S. J. Darbyshire	Tall Fescue
[<i>Festuca arundinacea</i> 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
[<i>Muhlenbergia monticola</i> 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 OBTUSUM Kunth	Vine Mesquite
[Hitchcock & Chase, 1910]	
Code: N; GE; R; NM; BLM; LS; 4400'	
PENNISETUM SETACEUM (Forsskal) Chiovenda	Fountaingrass

Code: I; GE; R; TX; LS; 4100'	
Note: Fountaingrass has been observed growing along Scenic Drive.	
PHALARIS CAROLINIANA Walter	Carolina Canarygrass
Code: N; TH; R; TX; CR; GR, RH; 4400-5000'	
PLEURAPHIS MUTICA Buckley	Tobosa
[<i>Hilaria mutica</i> (Buckley) Bentham]	
Code: N; GE; R; TX; LS; 4100-4300'	
POA BIGELOVII Vasey & Scribner	Bigelow's Bluegrass
Code: N; TH; F; TX, NM; SP, CR, BLM; GR, LS, RH; 4300-6100'	
POA FENDLERIANA (Steudel) Vasey	Fendler's Muttongrass
Code: N; GE; O; TX; SP, CR; GR, QZ, RH; 4500-7000'	
POLYPOGON MONSPELIENSIS (L.) Desfontaines	Rabbitfootgrass
Code: I; TH; R; TX; SP; GR; 5000'	
Note: This species has been collected several times at Mundy's Spring.	
POLYPOGON VIRIDIS (Gouan) Breistroffer	Water Polypogon
[<i>Agrostis semiverticillata</i> (Forsskal) Christensen]	
Code: I; GE; R; TX; SP, CR; GR, RH; 4650-5700'	
Note: This species is found associated with water at several springs.	
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 GRISEBACHII Fournier	Grisebach's Bristlegrass
Code: N; TH; R; NM; BLM; LS; 4600'	
SETARIA LEUCOPILA (Scribner & Merrill) K. Schaumann	Plains Bristlegrass
[<i>Setaria macrostachya</i> 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; ls; 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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