

Plant Species Observed on the Mimms Ranch, Presidio County, Texas  
19 September 2019 Draft

This incomplete list includes only those species observed during field work conducted by Bill Carr and friends on 26-28 March 2012, 16-19 July 2012, 20-23 August 2012, 20-21 September 2012, 25-29 August 2014, 15-18 April 2015, 16-18 August 2016, 13-14 August 2017 and 16-18 September 2019. Observers included Jonathan Baize, Debbie Benesh, Philip Boyd, Brush Freeman, Hillary Loring, Mary Lou Price, Robert and Lana Potts, Diane Sherrill, and Casey Wade. Many other species are present on the ranch and will be detected with future effort.

In this edition, scientific names follow a new single-source reference: Flowering Plants of Trans-Pecos Texas and Adjacent Areas (Powell & Worthington, 2018). This long-awaited effort by three of the most respected botanists in West Texas will doubtless be the “bible” for botanists in the area for years to come, and this edition follows their decisions about taxonomy and nomenclature. Yes, some species names have changed, and some genera have moved to different families, but that’s as is should be. Selected synonyms are provided in brackets. Common names mostly follow the same source, although some from the USDA Plants database (<http://plants.usda.gov/java/>) are thrown in for good measure.

Codes in nativity column: E = exotic, i.e., not native to Texas; N = native to Texas; N+ = endemic to (found only in) Texas. Codes in Form column: FA = annual forb; FAV = annual forb vine; FB = biennial forb; FP = perennial forb; FPV = perennial forb vine; FQ = aquatic plant; GA = annual grass or grasslike plant; GP = perennial grass or grasslike plant; PP = perennial fern or fern ally; S = shrub; T = tree; WV = woody vine. Comments about status on the ranch are based on limited field work following a major drought and wildfire and should be taken with a grain of salt.

Voucher specimens collected between 2012 and 2016 reside at the Plant Resources Center of The University of Texas at Austin, where future annotations and other changes can be detected via the on-line database at [www.biosci.utexas.edu/prc/databses.html](http://www.biosci.utexas.edu/prc/databses.html). Voucher specimens collected in 2017 and later will reside at the Mimms Ranch Herbarium. Those specimen numbers appear on this list in boldface font.

Most of the comments in the Comments column date from 2012-2016, when the ranch was still showing the effects of the Rock House Fire of fall 2011. In September 2019, I couldn’t help noticing that things previously described as rare on the ranch back then had since become quite common. I’m still wrestling with how to deal with whether to retain any of those anecdotal post-fire observations.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Acanthaceae	<i>Dyschoriste cinerascens</i> (Henrickson & Hilsenbeck) T. F. Daniel	snake-herb	N	FP	31208, 34306, 34371, <b>36874</b> , <b>37322</b> , <b>37374</b>	Mostly on sandier soils in SW part of ranch.
Aizoaceae	<i>Trianthema portulacastrum</i> L.	horse purslane	N	FA	31485	Disturbed areas around pens and water sources.
Amaranthaceae	<i>Alternanthera caracasana</i> Kunth	mat chaff-flower	N	FA	<b>37407</b>	Common weed in lawn at house.
Amaranthaceae	<i>Amaranthus crassipes</i> Schlect.	spreading amaranth	N	FA	31434	Rare in disturbed areas.
Amaranthaceae	<i>Amaranthus palmeri</i> S. Wats.	Palmer amaranth	N	FA	31168, 31192, <b>36862</b> , <b>37373</b>	Common throughout during 2012, probably in response to fire.
Amaranthaceae	<i>Froelichia gracilis</i> (Hook.) Moq.	slender snake-cotton	N	FP	31209, 31437	Local in grasslands on silty soils and in creekbeds.
Amaranthaceae	<i>Froelichia</i> sp.	slender snake-cotton	N	FP		Rare, noticed only on basalt slopes. Larger than <i>F. gracilis</i> in all respects.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Amaranthaceae	<i>Guilleminea densa</i> (Humb. & Bonpl. ex Willd.) Moq. var. <i>aggregata</i> Uline & Bray	mat amaranth	N	FP	31148, 31149, 31167, 34308, <b>37389</b>	Occasional, mostly in disturbed soils.
Amaranthaceae	<i>Tidestromia lanuginosa</i> (Nutt.) Standl. var. <i>lanuginosa</i>	woolly tidestromia	N	FA	31241, 31342, 31895, <b>37299</b>	Common to locally abundant throughout; the principal colonizer after the fire. Much less common in 2016.
Amaryllidaceae	<i>Allium perdulce</i> S.V. Fraser var. <i>sperryi</i> Ownbey	Sperry's onion	N	FP	34652	Collected from one basalt slope.
Amaryllidaceae	<i>Zephyranthes chlorosolen</i> (Herb.) D. Dietr. [ <i>Cooperia drummondii</i> Herb.]	evening-star rainlily	N	FP	31857	Two plants observed.
Anacardiaceae	<i>Rhus microphylla</i> Engelm.	littleleaf sumac	N	S	31216, 34669	Rare in matrix grassland but frequent on basalt hills and in brushier pastures.
Apiaceae	<i>Eryngium heterophyllum</i> Engelm.	Mexican thistle	N	FP	31453, <b>36824</b> , <b>37329</b>	Occasional in grasslands, mostly on deeper soils.
Apocynaceae	<i>Macrosiphonia lanuginosa</i> (Mart. & Gal.) Hemsl. var. <i>macrosiphon</i> (Torr.) Henrickson [ <i>Telosiphonia macrosiphon</i> (Torr.) Henrickson]	rock trumpet	N	S	31450, 31888	Rare except on slopes of basalt hills. Scores of plants on SE-facing slope at N30°19.651', W104°03.301'.
Asclepiadaceae	<i>Asclepias brachystephana</i> Engelm.	shortcrown milkweed	N	FP	31156, <b>36814</b>	Occasional in grasslands.
Asclepiadaceae	<i>Asclepias engelmanniana</i> Woodson	Engelmann's milkweed	N	FP		One plant along Alamito Creek at N30°22'55.6", W104°02'40.4", 29 Aug 2014; no voucher collected.
Asclepiadaceae	<i>Asclepias oenotheroides</i> Cham. & Schlect.	hierba de zizotes	N	FP		Rare in grasslands.
Asclepiadaceae	<i>Asclepias subverticillata</i> (A. Gray) Vail	horsetail milkweed	N	FP	31454, <b>36832</b>	Rare in grasslands.
Asclepiadaceae	<i>Mateleia producta</i> (Torr.) Woodson	Texas milkvine	N	FPV	36061	Found twining into shrubs on basalt slope.
Asparagaceae	<i>Dasyilirion leiophyllum</i> Engelm.	smooth sotol	N	S		Occasional, perhaps more common on rocky slopes than in grasslands.
Asparagaceae	<i>Nolina texana</i> Wats.	sacahuista, Texas nolina	N	S	34264, 34663	Occasional throughout, perhaps more common on basalt slopes.
Asparagaceae	<i>Yucca elata</i> (Engelm.) Engelm.	soaptree yucca	N	S	31383	Occasional and conspicuous throughout.
Asteraceae	<i>Acourtia nana</i> (A. Gray) Reveal & R. King [ <i>Perezia nana</i> Gray]	dwarf peonia	N	FP	31174	Occasional in grasslands.
Asteraceae	<i>Acourtia wrightii</i> (A. Gray) Reveal & R. King [ <i>Perezia wrightii</i> A. Gray]	pink perezia	N	FP	31211, 31878, 31883	Occasional in grasslands.
Asteraceae	<i>Aldama cordifolia</i> (A. Gray) E.E. Schill. & Panero [ <i>Viguiera cordifolia</i> A. Gray]	heartleaf goldeneye	N	FA	31877	Rare, noticed in sandier soils in southwest part of ranch.
Asteraceae	<i>Ambrosia psilostachya</i> DC.	western ragweed	N	FP		Occasional throughout, often in more mesic sites.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Asteraceae	<i>Amphiachyris dracunculoides</i> (DC.) Nutt. [ <i>Gutierrezia dracunculoides</i> (DC.) G. Hoff.]	Broomweed	N	FA		Frequent in grasslands and disturbed areas.
Asteraceae	<i>Aphanostephus ramosissimus</i> DC. var. <i>humilis</i> (Benth.) B. L. Turner & Birdsong	lazy-daisy	N	FA	31198, 31425, 34715, <b>37281</b>	Locally frequent in grasslands on sandier soils in SW corner of ranch.
Asteraceae	<i>Aphanostephus</i> sp. [or possibly <i>Erigeron</i> sp.]	lazy-daisy	N	FA	34716	Scattered throughout.
Asteraceae	<i>Artemisia campestris</i> L. ssp. <i>caudata</i> (Michx.) H. M. Hall & Clem. [ <i>A. caudata</i> Michx.]	sagewort, wormwood	N	FP	34357	Rare, noted on basalt slope and in streambed gravel. WARNING: Billie Turner says this voucher is <i>A. ludoviciana</i> .
Asteraceae	<i>Artemisia ludoviciana</i> Nutt.	western mugwort, white sagebrush	N	FP	31891	Common on basalt slopes; absent from other substrates?
Asteraceae	<i>Baileya multiradiata</i> Harv. & A. Gray	desert marigold	N	FP	31462, 34670, <b>37291</b>	Rare in grasslands.
Asteraceae	<i>Berlandiera lyrata</i> Benth. var. <i>lyrata</i>	chocolate-flower	N	FP	31164, 31232, <b>36849, 37353</b>	Frequent in grasslands.
Asteraceae	<i>Bidens bigelovii</i> A. Gray	Bigelow's bidens	N	FA	<b>37395</b>	
Asteraceae	<i>Brickellia eupatorioides</i> (L.) Shinnars var. <i>chlorolepis</i> (Woot. & Standl.) B. L. Turner [ <i>Kuhnia eupatorioides</i> L. var. <i>chlorolepis</i> Cronquist]	false boneset, prairie kuhnia, prairie brickellbush	N	FP	31428, 34352	Rare in grasslands.
Asteraceae	<i>Brickellia laciniata</i> Gray	splitleaf brickellbush	N	S	34304 (veg.)	Rare, observed on basalt outcrop at N30°20'06.4", W104°03'02.3".
Asteraceae	<i>Chaetopappa ericoides</i> (Torr.) Nesom [ <i>Leucelene ericoides</i> Torr.]	heath least-daisy	N	FP	31471, 34645	Common throughout.
Asteraceae	<i>Cirsium ochrocentrum</i> A. Gray	yellow-spine thistle	N	FB	31164-B, <b>36833</b>	Frequent in grasslands.
Asteraceae	<i>Conoclinium dissectum</i> (A. Gray) Small	Gregg's eupatorium; palmleaf mistflower	N	FP	31351, 34337	Rare in grasslands, usually in shelter of shrubs.
Asteraceae	<i>Coryza canadensis</i> (L.) Cronq.	Canadian horseweed	N	FA	31475, <b>37379</b>	Occasional throughout.
Asteraceae	<i>Diaperia verna</i> (Raf.) Morefield var. <i>verna</i> [ <i>Evax verna</i> Raf. var. <i>verna</i> ; <i>E. multicaulis</i> DC. var. <i>multicaulis</i> ]	roundhead rabbit-tobacco	N	FA	30143, 30147, 34649	Collected from dry pond bottom during drought.
Asteraceae	<i>Dyssodia papposa</i> (Vent.) A.S. Hitchc.	fetid marigold	N	FA	31903, 31910, <b>37342, 37350</b>	Rare in grasslands.
Asteraceae	<i>Engelmannia peristenia</i> (Raf.) Goodman & Lawson	Engelmann's daisy	N	FP	31255, <b>37357</b>	Rare in grasslands.
Asteraceae	<i>Erigeron divergens</i> Torr. & A. Gray	running fleabane	N	FA	34633	Rare in grassland matrix.
Asteraceae	<i>Flourensia cernua</i> DC.	tarbush, hojase	N	S	36067	Occasional in western part of ranch; rare or absent elsewhere?

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Asteraceae	<i>Gaillardia pinnatifida</i> Torr.	red-dome gaillardia, firewheels	N	FP	31219, 31357, 34629, <b>36827</b>	Occasional in grasslands on sandy substrates.
Asteraceae	<i>Gaillardia pulchella</i> Foug.	common firewheels	N	FA	36047, <b>37315, 37369</b>	Occasional to common throughout.
Asteraceae	<i>Gamochaeta</i> sp.	cudweed	N	FP	35999	Noticed in a single pasture.
Asteraceae	<i>Grindelia</i> sp.	gumweed	N	FA	31905	Occasional in grasslands.
Asteraceae	<i>Gutierrezia microcephala</i> (DC.) A. Gray	smallhead broomweed	N	FP, S	31856	Occasional in grasslands.
Asteraceae	<i>Gutierrezia sphaerocephala</i> A. Gray	roundhead broomweed	N	FA	31858, 34282	Occasional in grasslands.
Asteraceae	<i>Helenium microcephalum</i> DC.	smallhead sneezeweed	N	FA	31173	Common around ponds.
Asteraceae	<i>Helianthus annuus</i> L.	common sunflower	N	FA	31897	Rare on ranch, at least during 2012.
Asteraceae	<i>Hymenopappus flavescens</i> A. Gray var. <i>canotomentosus</i> A. Gray	yellow plainsman	N	FB	31226	Rare in grasslands.
Asteraceae	<i>Lactuca serriola</i> L.	prickly lettuce	E	FA	31481	Rare, noted only near above-ground tank at windmill just N of house.
Asteraceae	<i>Laennecia coulteri</i> (A. Gray) Nesom [ <i>Conyza coulteri</i> A. Gray]	Coulter's horseweed	N	FA	31426, 31899, 36005, <b>36860, 37284, 37348</b>	Rare in 2012, now common in grasslands on deeper soils.
Asteraceae	<i>Leuciva dealbata</i> (A. Gray) Rydb. [ <i>Iva dealbata</i> A. Gray]	woolly marsh-elder	N	FP	31543, 34343	Rare on ranch but locally frequent in continuously grazed pasture.
Asteraceae	<i>Lygodesmia ramosissima</i> Greenm.	bushy skeletonplant	N	FP	31236, 37335	Occasional in grasslands.
Asteraceae	<i>Lygodesmia texana</i> (Torr. & A. Gray) Greene	Texas skeletonplant	N	FP		Rare in grasslands.
Asteraceae	<i>Machaeranthera tanacetifolia</i> (H.B.K.) Nees	Tahoka daisy	N	FP	31356, 31456, 31868, 34654, <b>37332</b>	Occasional in grasslands in sandier soils.
Asteraceae	<i>Melampodium leucanthum</i> T. & G. var. <i>leucanthum</i>	blackfoot daisy	N	FP	31225, 31876, 34284, 34656, <b>36871, 37373</b>	Occasional in grasslands.
Asteraceae	<i>Perityle vaseyi</i> Coult.	Vasey's rockdaisy	N	FP	31458, 31882, <b>37305</b>	Common on basalt slopes; occasional in grassland matrix.
Asteraceae	<i>Pseudognaphalium</i> sp.	false cudweed	N	FA		
Asteraceae	<i>Psilostrophe tagetina</i> (Nutt.) Greene	woolly paperflower	N	FP	31377, <b>36842, 37294</b>	Occasional in grasslands.
Asteraceae	<i>Ratibida columnifera</i> (Nutt.) Woot. & Standl. [ <i>Ratibida columnaris</i> (Sims) D. Don]	prairie coneflower	N	FP	31371, <b>36848</b>	Occasional in grasslands and disturbed sites.
Asteraceae	<i>Senecio riddellii</i> Torr. & A. Gray [ <i>Senecio spartioides</i> T. & G. var. <i>riddellii</i> (Torr. & A. Gray) Greenm.]	broom groundsel	N	FP	30178, 34309	Rare in sandier soils.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Asteraceae	<i>Simsia calva</i> (Engelm. & A. Gray) A. Gray	bush sunflower	N	FP	31345	Rare in grassland on rocky slope.
Asteraceae	<i>Solidago altissima</i> Ait.	tall goldenrod	N	FP	34360	Rare, noticed only in bed and loamy terraces along Alamito Creek.
Asteraceae	<i>Taraxacum officinale</i> F.H. Wigg.	common dandelion	E	FA		Weed in lawn on north side of house.
Asteraceae	<i>Tetraneuris scaposa</i> (DC.) Greene [ <i>Hymenoxys scaposa</i> (DC.) Parker]	stemless bitterweed	N	FP	31194, 34630	Occasional throughout. Disk flowers on some plants maroon instead of yellow.
Asteraceae	<i>Thelesperma megapotamicum</i> (Spreng.) Kuntze var. <i>megapotamicum</i>	rayless greenthread	N	FP	31230, <b>37346</b>	Occasional in grasslands.
Asteraceae	<i>Thymophylla acerosa</i> (DC.) Strother [ <i>Dyssodia acerosa</i> DC.]	prickleleaf dogweed	N	FP	31469, <b>36872</b>	Rare in grasslands on gravelly slopes.
Asteraceae	<i>Thymophylla aurea</i> (A. Gray) Greene ex Britt. [ <i>Dyssodia aurea</i> A. Gray]	lemon dogweed	N	FA	31433, <b>36892</b> , <b>37349</b>	Occasional on alluvial flats.
Asteraceae	<i>Verbesina encelioides</i> (Cav.) Benth. & Hook. f. ex Gray var. <i>exauriculata</i> B. L. Rob. & Greenm.	cowpen daisy	N	FA	31229, <b>36867</b> , <b>37297</b>	Mostly in roadbeds and around ponds.
Asteraceae	<i>Vernonia marginata</i> (Torr.) Raf.	plains ironweed	N	FP	31151, <b>37354</b>	Occasional in grasslands and along streambeds.
Asteraceae	<i>Xanthisma gracile</i> (Nutt.) D.L. Morgan & R.L. Hartm. [ <i>Machaeranthera gracilis</i> (Nutt.) Shinnery]	slender goldenweed	N	FA	31435	Rare, noticed only in grassland in reservoir bottom.
Asteraceae	<i>Xanthisma spinulosum</i> (Pursh) D.L. Morgan & R.L. Hartm. [ <i>Machaeranthera pinatifida</i> (Hook.) Shinnery]	spiny goldenweed	N	FP	31248, 31376, 31457, 36003, <b>36822, 36876</b> , <b>37352</b>	Common in grasslands and disturbed sites.
Asteraceae	<i>Xanthium spinosum</i> L.	spiny cocklebur	E	GA	31855, 27331	Locally common in pens and around ponds.
Asteraceae	<i>Xanthium strumarium</i> L.	cocklebur	N	FA	31446, 37331	Occasional around tanks.
Asteraceae	<i>Zinnia grandiflora</i> Nutt.	plains zinnia, yellow zinnia	N	FP	31166, 31870, <b>36843, 37286</b>	Common in grasslands.
Berberidaceae	<i>Berberis trifoliolata</i> Moric.	agarito	N	S	36062	Rare, noted on a few basalt knobs.
Boraginaceae	<i>Antiphytum floribundum</i> (Torr.) A. Gray	Texas saucerflower	N	FP	31195	Rare in grasslands.
Boraginaceae	<i>Cryptantha albida</i> (Kunth) I. M. Johnston	New Mexico hiddenflower	N	FA	31374, 34356	Occasional in grasslands and ditches.
Boraginaceae	<i>Cryptantha cinerea</i> (Greene) Cronq.	least hiddenflower	N	FA	31436	Determined by Billie Turner at UT; unclear what Powell would call it
Boraginaceae	<i>Cryptantha minima</i> Rydb.	least hiddenflower	N	FA	31427	Common in grasslands throughout.
Boraginaceae	<i>Cryptantha</i> sp. ( <i>C. oblata</i> ?)	perennial hiddenflower	N	FP	31223-B; 34960	Rare in grasslands on stony sites. [Specimens at UT not databased as of Sep 2019]
Boraginaceae	<i>Johnstonella pusilla</i> (Torr. & A. Gray) Hasenstab & M.G. Simpson [ <i>Cryptantha</i> <i>pusilla</i> (Torr. & A. Gray) Greene]	tiny hiddenflower	N	FA	34647	Common in grasslands throughout.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Boraginaceae	<i>Lithospermum incisum</i> Lehm.	fringed puccoon	N	FP	30177	Rare in grasslands.
Boraginaceae	<i>Nama hispida</i> Gray	sandbells	N	FA	30181, 34635	Common in disturbed soils; occasional elsewhere.
Boraginaceae	<i>Phacelia coerulea</i> Greene	skyblue phacelia	N	FA	34666, 34720	
Boraginaceae	<i>Phacelia popei</i> Torr. & A. Gray	Pope's phacelia	N	FA	34658	
Boraginaceae	<i>Tiquilia canescens</i> (DC.) Richards [ <i>Coldenia canescens</i> DC.]	oreja de perro	N	FP	36051, <b>37314</b>	Rare, mostly on white tuff.
Brassicaceae	<i>Descurainia pinnata</i> (Walt.) Britt.	tansy mustard	N	FA	30145, 34650	Occasional throughout, perhaps more common on sandy soils.
Brassicaceae	<i>Halimolobus pubens</i> (A. Gray) Rollins [ <i>Mancoa pubens</i> (A. Gray) Rollins]	Trans-Pecos cress	N	FA	34678, 36043	Occasional on silty flats.
Brassicaceae	<i>Hesperidanthus linearifolius</i> (A. Gray) Rydb. [ <i>Schoenocrambe linearifolium</i> (A. Gray) Rollins; <i>Sisymbrium linearifolium</i> (A. Gray) Payson]	slimleaf plains-mustard	N	FA	34265, 36068, <b>37367</b>	Rare, in protection of shrubs on sandier soils in SW part of ranch.
Brassicaceae	<i>Lepidium lasiocarpum</i> Nutt. var. <i>wrightii</i> (A. Gray) C.L. Hitchc.	Wright's pepperweed	N	FA	34637, 34643, 34651	Common in disturbed soils.
Brassicaceae	<i>Lepidium oblongum</i> Small	oblong pepperweed	N	FA	30142, 34636	Common in disturbed soils.
Brassicaceae	<i>Physaria fendleri</i> (A. Gray) O'Kane & Al-Shehbaz [ <i>Lesquerella fendleri</i> (A. Gray) Wats.]	Fendler bladderpod	N	FP	30180, 34642, 34655, <b>36881</b>	Common throughout, the most conspicuous forb on the ranch during April 2015.
Brassicaceae	<i>Selenia dissecta</i> Torr. & A. Gray	Texas selenia	N	FA	30144, 34706, 34709	Collected from dry pond bottom during drought.
Brassicaceae	<i>Sisymbrium irio</i> L.	London rocket	E	FA	30176	Weed in lawn at house.
Cactaceae	<i>Coryphantha</i> sp.?	cory-cactus	N	S		One plant noticed in continuously-grazed pasture, at N30°23.760', W104°00.699' (map no. 42).
Cactaceae	<i>Cylindropuntia imbricata</i> (Haw.) F.M. Knuth [ <i>Opuntia imbricata</i> (Haw.) DC.]	cholla	N	S		Rare, noticed only on hilltop on – tract.
Cactaceae	<i>Echinocactus horizonthalonius</i> Lemaire var. <i>horizonthalonius</i>	devil's head, horse-crippler	N	S		Rare throughout.
Cactaceae	<i>Echinocereus pectinatus</i> (Scheidw.) Engelm.	rainbow cactus	N	S		Rare throughout; one location at N30°20.351', W104°04.498'.
Cactaceae	<i>Mammillaria heyderi</i> Muehlenpf. var. <i>meiakantha</i> (Engelm.) Benson [ <i>Mammillaria meiakantha</i> Engelm.]	little nipple cactus	N	S		Noticed only in Cactus Jail, an old above-ground concrete tank at N30°23.407', W104°01.612'.
Cactaceae	<i>Opuntia</i> sp. [ <i>Platyopuntia</i> sp.]	pricklypear	N	S		Rare in grasslands.
Chenopodiaceae	<i>Atriplex elegans</i> (Moq.) Dietr.	wheelscale saltbush, elegant saltbush	N	FP	31422, <b>37290</b>	Rare in disturbed grasslands.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Chenopodiaceae	<i>Chenopodium berlandieri</i> Moq.	Berlandier goosefoot	N	FA	31191, 31420, 31854, <b>37394</b>	Locally common in disturbed areas around pens, traps and tanks.
Chenopodiaceae	<i>Chenopodium incanum</i> (Wats.) Heller	mealy goosefoot	N	FA	31196, 31440, 31366	Rare in disturbed grasslands.
Chenopodiaceae	<i>Monolepis nuttalliana</i> (Schult.) Greene	Nuttall's poverty-weed	N	FA	34677, 34707	Occasional in roadbeds and other disturbed sites.
Chenopodiaceae	<i>Salsola tragus</i> L. [ <i>Salsola kali</i> L.; <i>Kali tragus</i> (L.) Scop.]	Russian thistle, tumbleweed	E	FA	31483, 31889, <b>36858, 37298</b>	Common in disturbed areas; locally common in some grasslands.
Cleomaceae	<i>Polanisia uniglandulosa</i> (Cav.) DC.	Mexican clammyweed	N	FA	31320	Rare in streambeds.
Commelinaceae	<i>Commelina erecta</i> L.	dayflower	N	FP	31233, <b>37312</b>	Occasional in shrubs on basalt slopes, rare in matrix grasslands.
Commelinaceae	<i>Tradescantia occidentalis</i> (Britt.) Smyth	smooth spiderwort	N	FP	31234, 31355, <b>37328</b>	Occasional in grasslands.
Convolvulaceae	<i>Convolvulus equitans</i> Benth.	common bindweed	N	FPV	31182, 31804	Occasional in grasslands.
Convolvulaceae	<i>Evolvulus nuttallianus</i> Roem. & Schult. [ <i>Evolvulus pilosus</i> Nutt.]	shaggy dwarf morning-glory	N	FP	31161, 31231, 31253, 31330	Common in grasslands.
Convolvulaceae	<i>Ipomoea costellata</i> Torr.	crestrub morning-glory	N	FPV	31541, 31544	Locally frequent in grasslands on loamy to silty flats.
Cucurbitaceae	<i>Cucurbita foetidissima</i> Kunth	stinking gourd	N	FA	31145, <b>36837</b>	Occasional in disturbed sites.
Cucurbitaceae	<i>Ibervillea tenuisecta</i> (A. Gray) Small	slimlobe globeberry	N	FP	31155, 34296	Rare, twining into shrubs (often <i>Koeberlinia spinosa</i> ) in a few locations.
Cyperaceae	<i>Cyperus</i> sp.	flatsedge	N	GP	31901	Locally common in bed of Alamito Creek.
Cyperaceae	<i>Eleocharis palustris</i> (L.) Roem. & J. A. Schult.	spikesedge	N	GP	31445, 31851	Common around ponds.
Ephedraceae	<i>Ephedra trifurca</i> Torr. ex S. Wats.	jointfir	N	S	30135, 30136, 30185, 34668	Frequent in grasslands.
Euphorbiaceae	<i>Chamaesyce albomarginata</i> (Torr. & A. Gray) Small [ <i>Euphorbia albomarginata</i> T. & G.]	white-lip matspurge	N	FP	31146, <b>36897</b>	Common in grasslands.
Euphorbiaceae	<i>Chamaesyce glyptosperma</i> (Engelm.) Small [ <i>Euphorbia glyptosperma</i> Engelm.]	ribseed sandmat	N	FA	<b>37376, 37378</b>	
Euphorbiaceae	<i>Chamaesyce indivisa</i> (Engelm.) Millsp. [ <i>Chamaesyce dioica</i> (Kunth) Millsp.; <i>Euphorbia indivisa</i> Engelm.]	royal sandmat	N	FA	31331, <b>37375</b>	Local in grasslands on silty soils.
Euphorbiaceae	<i>Chamaesyce lata</i> (Engelm.) Small [ <i>Euphorbia lata</i> Engelm.]	hoary sandmat	N	FP	31157, <b>36868</b>	Occasional in grasslands.
Euphorbiaceae	<i>Chamaesyce prostrata</i> (Aiton) Small [ <i>Euphorbia prostrata</i> Aiton]	weedy spurge	N	FA	<b>37409</b>	Noticed as weed in lawn at house.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Euphorbiaceae	<i>Chamaesyce revoluta</i> (Engelm.) Small [ <i>Euphorbia revoluta</i> Engelm.]	threadstem spurge	N	FA	31244, 31334, 34294	Occasional in grasslands on gravelly slopes.
Euphorbiaceae	<i>Chamaesyce serpyllifolia</i> (Pers.) Small [ <i>Euphorbia serpyllifolia</i> Pers.]	thymeleaf matspurge	N	FA	31220, 31224- A, 31249, 31340, 34281, 34375	Common in grasslands on silty soils.
Euphorbiaceae	<i>Chamaesyce serrula</i> (Engelm.) Woot. & Standl. [ <i>Euphorbia serrula</i> Engelm.]	sawtooth matspurge	N	FA	31249, 31340, 34252, <b>36835</b>	Occasional in grasslands on silty soils.
Euphorbiaceae	<i>Chamaesyce stictospora</i> (Engelm.) Small [ <i>Euphorbia stictospora</i> Engelm.]		N	FA	36856	Collected from roadbed near pens in SE part of ranch.
Euphorbiaceae	<i>Chamaesyce theriaca</i> (L.C. Wheeler) Shinners [ <i>Euphorbia theriaca</i> L.C. Wheeler]	Terlingua matspurge	N	FA	31341	Occasional in grasslands on silty soils.
Euphorbiaceae	<i>Croton pottsii</i> (Kl.) Muell. Arg. var. <i>pottsii</i>	leatherweed croton	N	FP	31158, 31861, <b>36820, 36894</b>	Common in grasslands of all kinds.
Euphorbiaceae	<i>Ditaxis humilis</i> Engelm. & A. Gray var. <i>humilis</i> [ <i>Argythamnia humilis</i> (Engelm. & A. Gray) Muell. Arg. var. <i>humilis</i> ]	low wild-mercury	N	FP	31324	Occasional in grasslands.
Euphorbiaceae	<i>Ditaxis neomexicana</i> (Muell.-Arg.) Heller [ <i>Argythamnia neomexicana</i> Muell.-Arg.]	New Mexico wild-mercury	N	FP	31317	Rare in grasslands.
Euphorbiaceae	<i>Euphorbia davidii</i> R. Subils [ <i>Poinsettia</i> <i>davidii</i> (R. Subils) B. L. Turner	David's poinsettia	N	FA	31223, 31252, 31335, <b>36890</b>	Common in grasslands, especially those on gravelly / stony slopes.
Euphorbiaceae	<i>Euphorbia dentata</i> Michx. [ <i>Poinsettia</i> <i>dentata</i> (Michx.) Klotzsch & Garcke]	toothed spurge, wild poinsettia	N	FA	31418, <b>36895</b>	Disturbed grassland near pens.
Euphorbiaceae	<i>Tragia ramosa</i> Torr. [ <i>Tragia nepetifolia</i> Cav.]	common noseburn	N	FP	31322	Rare in grasslands.
Fabaceae	<i>Acaciella angustissima</i> (Mill.) Britt. & Rose var. <i>hirta</i> (Nutt.) B. L. Turner [ <i>Acacia</i> <i>angustissima</i> (Mill.) Kuntze var. <i>hirta</i> (Nutt.) Robinson; <i>Acacia hirta</i> Torr. & A. Gray]	fern acacia, prairie acacia	N	FP	31243, 31460, 31871, 36050, <b>37307, 37315,</b> <b>37372</b>	Occasional in grasslands, locally common in SW part of ranch.
Fabaceae	<i>Astragalus austrinus</i> (Small) Schulz [ <i>A.</i> <i>nuttallianus</i> DC. var. <i>austrinus</i> (Small) Barneby]	smallflower milkvetch	N	FA	30141, 30174, 34644	Common throughout.
Fabaceae	<i>Astragalus crassicaarpus</i> Nutt. var. <i>crassicaarpus</i>	groundplum milkvetch	N	FP	34672, 34717	Occasional throughout.
Fabaceae	<i>Astragalus mollissimus</i> Torr. var. <i>earlei</i> (Greene ex Rydb.) Tidestrom	withered woolly loco	N	FP	30164	Common on basalt slopes; occasional in other soils.
Fabaceae	<i>Astragalus mollissimus</i> Torr. var. <i>mollissimus</i>	withered woolly loco	N	FP	30183	Common on basalt slopes; occasional in other soils.



Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Fabaceae	<i>Astragalus wootonii</i> Sheldon	Wooton milkvetch	N	FP	30139, 30155, 30173, 30182, 34627	Occasional in grasslands and gravelly streambeds.
Fabaceae	<i>Dalea candida</i> Willd. var. <i>oligophylla</i> (Torr.) Shinnery	white-flower prairie-clover	N	FP	31184, 31911	Rare in grasslands.
Fabaceae	<i>Dalea formosa</i> A. Gray	feather dalea, feather-plume	N	S	31468, 31862, 34664	Occasional throughout, perhaps more common in southwestern corner than elsewhere.
Fabaceae	<i>Dalea jamesii</i> (Torr.) Torr. & A. Gray	silky dalea	N	FP	34631	Rare on gravelly soils.
Fabaceae	<i>Dalea lachnostachys</i> A. Gray	glandleaf prairieclover	N	FP	31338, 34289, 36059, <b>37309</b>	Rare on gravelly slopes.
Fabaceae	<i>Dalea nana</i> Torr. ex A. Gray	dwarf dalea	N	FP	31879, 34365, 31464	Occasional on sandier soils in southwest part of ranch.
Fabaceae	<i>Dalea neomexicana</i> (A. Gray) Cory	New Mexico dalea	N	FP	31254, 36069, <b>36823, 36873</b>	Occasional on gravelly soils.
Fabaceae	<i>Dalea wrightii</i> A. Gray	Wright dalea	N	FP	31339	Rare on gravelly slope.
Fabaceae	<i>Desmanthus cooleyi</i> (Eaton) Trel.	Cooley bundleflower	N	FP	31246, 31364, 34267, 34372, <b>36813, 37340</b>	Occasional throughout, perhaps more common on sandy soils.
Fabaceae	<i>Hoffmannseggia drepanocarpa</i> A. Gray	sicklepod rushpea	N	FP	31218, 31350, 34311	Occasional in grasslands.
Fabaceae	<i>Hoffmannseggia glauca</i> (Ortega) Eifert	Indian rushpea	N	FP	31375, <b>36893</b>	Occasional in roadbeds and disturbed sites, sometimes in grasslands.
Fabaceae	<i>Mimosa warnockii</i> B. L. Turner	Warnock's mimosa	N	S	35998, <b>37355</b>	Small population observed on 16 Aug 2016 in grassland at N30°20'18.3", W104°01'23.5".
Fabaceae	<i>Pomaria jamesii</i> (Torr. & A. Gray) Walpers [ <i>Hoffmannseggia jamesii</i> Torr. & A. Gray]	James's rushpea	N	FP	31212, 31242, 31351, 34266, <b>37371</b>	Frequent in grasslands.
Fabaceae	<i>Prosopis glandulosa</i> Torr. var. <i>glandulosa</i>	honey mesquite	N	T		Scarce across most of ranch, locally common in a few areas.
Fabaceae	<i>Prosopis glandulosa</i> Torr. var. <i>torreyana</i> (Benson) M. C. Johnston [ <i>Prosopis odorata</i> Torrey & Fremont]	western honey mesquite	N	T	36001	Scarce across most of ranch, locally common in a few areas.
Fabaceae	<i>Rhynchosia texana</i> T. & G. [ <i>Rhynchosia senna</i> Gillies ex. Hooker var. <i>texana</i> (Torr. & A. Gray) M. C. Johnston]	Texas senna	N	FPV	31222-B, 31467	Occasional in grasslands, particularly common on sandier soils in southwest part of ranch.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Fabaceae	<i>Senna bauhinioides</i> (A. Gray) Irwin & Barneby [ <i>Cassia bauhinioides</i> Gray]	two-leaf senna	N	FP	31222	Occasional in grasslands.
Fabaceae	<i>Senna roemeriana</i> (Scheele) Irwin & Barneby [ <i>Cassia roemeriana</i> Scheele]	splitleaf senna	N	FP	31321	Rare in grasslands.
Fabaceae	<i>Vachellia constricta</i> (Benth.) Seigler & Ebinger [ <i>Acacia constricta</i> Benth.]	mescat acacia	N	S	31333, 31353, 31439, <b>36819</b> , <b>37366</b>	Rare in grasslands.
Fabaceae	<i>Vexibia nuttalliana</i> (B.L. Turner) W.A. Weber [ <i>Sophora nuttalliana</i> B. L. Turner]	silky sophora, white loco	N	FP	34713	Rare in grasslands.
Fabaceae	<i>Vicia ludoviciana</i> Nutt. var. <i>ludoviciana</i> [ <i>Vicia exigua</i> T. & G.]	Louisiana vetch	N	FAV	34707	Rare in grasslands.
Hydrocharitaceae	<i>Najas guadalupensis</i> (Spreng.) Magnus	Guadalupe water-naiad	N	FQ	31852	Common in one pond.
Koerberliniaceae	<i>Koerberlinia spinosa</i> Zucc. var. <i>spinosa</i>	allthorn	N	S	<b>36844</b>	Frequent in grassland, one of the more common woody plants on the ranch.
Krameriaceae	<i>Krameria erecta</i> Willd. ex Schultes [ <i>Krameria glandulosa</i> Rose & Painter]	range ratany	N	S	36063	Rare in grasslands.
Krameriaceae	<i>Krameria lanceolata</i> Torr.	trailing ratany	N	FP	31215, 31868	Rare in grasslands.
Lamiaceae	<i>Marrubium vulgare</i> L.	common horehound	E	FP	31193, <b>37393</b>	Local around pens.
Lamiaceae	<i>Salvia reflexa</i> Hornem.	lanceleaf sage	N	FA	31183, 31913, <b>37358</b>	Rare in grasslands.
Lamiaceae	<i>Scutellaria wrightii</i> A. Gray	Wright's skullcap	N	FP	31318, 34712	Rare in grasslands.
Lamiaceae	<i>Tetradlea coulteri</i> A. Gray	Coulter's wrinklefruit	N	FP	31160, 31552	Occasional in grasslands.
Linaceae	<i>Linum lewisii</i> Pursh	blue flax	N	FA	34714	Rare, observed in one area near N edge of ranch. Originally misidentified as <i>L. pratense</i> , which does not occur in west Texas/
Linaceae	<i>Linum puberulum</i> (Engelm.) Heller	plains flax	N	FA	31251, 34371, 34659, 36048, <b>37327</b>	Occasional, more common in gravelly soils.
Loasaceae	<i>Cevallia sinuata</i> Lag.	Shirley's nettle	N	FA	<b>37290</b>	
Loasaceae	<i>Mentzelia longiflora</i> J. Darl. [ <i>Mentzelia multiflora</i> of Texas authors]	manyflower stickleaf	N	FP	31912, 34293, 34361, 34626, <b>37313</b>	Occasional throughout.
Malvaceae	<i>Abutilon wrightii</i> A. Gray	Wright's Indian-mallow	N	FP	31884, 34288, 34341	Rare on basalt slope.
Malvaceae	<i>Anoda cristata</i> (L.) Schltldl.	crested anoda	N	FA	<b>37410</b>	Weed in yard behind house.
Malvaceae	<i>Malva neglecta</i> Wallr.	common mallow	E	FA	<b>37411</b>	Weed in yard behind house.
Malvaceae	<i>Malva parviflora</i> L.	cheeseweed mallow	E	FA	31473	Weed in yard behind house.
Malvaceae	<i>Malvella lepidota</i> (A. Gray) Fryxell [ <i>Sida lepidota</i> A. Gray]	scurfy-mallow	N	FP	31326	Rare in streambed gravel.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Malvaceae	<i>Malvella sagittifolia</i> (A. Gray) Fryxell [ <i>Sida leprosa</i> var. <i>sagittifolia</i> (A. Gray) I. Clem.]	arrowleaf mallow	N	FP	34313, <b>36888</b> , <b>37338</b>	Rare, noticed only in bed of reservoir in SE corner of ranch.
Malvaceae	<i>Rhynchosida physocalyx</i> (A. Gray) Fryxell [ <i>Sida physocalyx</i> Gray]	buffpetal	N	FP	31185, <b>36841</b> , <b>37408</b>	Occasional in disturbed areas.
Malvaceae	<i>Sida abutifolia</i> P. Mill. [ <i>Sida filicaulis</i> Torr. & A. Gray]	spreading sida	N	FP	31336, 31238, 31337	Occasional in grasslands.
Malvaceae	<i>Sida neomexicana</i> A. Gray	New Mexico sida	N	FP	34338	Rare in grasslands and on gravelly hills.
Malvaceae	<i>Sphaeralcea angustifolia</i> (Cav.) G. Don	narrowleaf globemallow	N	FP	31370, <b>36859</b> , <b>37344</b>	Occasional in grasslands and disturbed sites.
Malvaceae	<i>Sphaeralcea hastulata</i> A. Gray	spear globemallow	N	FP	31171, 34312, 34638, <b>36865</b>	Occasional throughout but often very conspicuous in disturbed sites.
Marsileaceae	<i>Marsilea vestita</i> Hook. & Grev.	hairy water-clover	N	PP	31384, 34366, <b>37387</b>	Locally abundant in and along shoreline of one tank.
Martyniaceae	<i>Proboscidea fragrans</i> (Lindl.) Dcne. [ <i>P. louisianica</i> (Mill.) Thell. subsp. <i>fragrans</i> (Lindl.) Bretting]	devil's claw	N	FA	31235, <b>36877</b> , <b>37330</b>	Rather frequent throughout.
Molluginaceae	<i>Mollugo verticillata</i> L.	green carpetweed	N	FA	31430, 34370, 36042, <b>37388-B</b>	Rare, noticed only in bottom of reservoir and tanks.
Moraceae	<i>Morus alba</i> L.	white mulberry	E	T		Planted in yard; one small tree at above-ground water tank at N end of ranch.
Nyctaginaceae	<i>Abronia angustifolia</i> Greene	purple sand-verbena	N	FA	31203, 31354	Rare in two locations, both on sandier/siltier soils.
Nyctaginaceae	<i>Allionia incarnata</i> L.	trailing four-o'clock	N	FP	34303	Rare in disturbed soils and on basalt slopes.
Nyctaginaceae	<i>Boerhavia coccinea</i> Mill.	scarlet spiderling	N	FP	31240, <b>37303</b>	Occasional in grasslands and disturbed sites.
Nyctaginaceae	<i>Boerhavia triquetra</i> S. Watson var. <i>intermedia</i> (M.E. Jones) Spellenb. [ <i>Boerhavia intermedia</i> M.E. Jones]	intermediate spiderling	N	FP	31438, 34290, <b>37309-B</b>	Occasional in herbaceous vegetation on sandier soils west of the Western Hills.
Nyctaginaceae	<i>Mirabilis linearis</i> (Pursh) Heimerl	linearleaf four-o'clock	N	FP	31142, 34359, <b>36878</b> , <b>37334</b> , <b>37363</b>	Rare in grasslands.
Nyctaginaceae	<i>Mirabilis multiflora</i> (Torr.) Gray	Colorado four-o'clock	N	FP	31872	Local in various examples of forb-rich vegetation on sandier soils in southwest part of ranch.
Nyctaginaceae	<i>Nyctaginia capitata</i> Choisy	scarlet muskflower	N	FA	31327, <b>36834</b>	Rare, noticed in small numbers in a few locations, mostly along roadbeds and fencelines.
Oleaceae	<i>Menodora scabra</i> A. Gray	rough menodora	N	FP	34305	Rare on gravelly hills.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Onagraceae	<i>Oenothera albicaulis</i> Pursh	white evening-primrose, prairie evening-primrose	N	FA	30148, 34632, 34646	Locally abundant on some flats, scarce in others.
Onagraceae	<i>Oenothera brachycarpa</i> A. Gray	shortfruit evening-primrose	N	FP	34703, <b>37324</b>	Rare, mostly on rocky slopes.
Onagraceae	<i>Oenothera hartwegii</i> Benth. [ <i>Calylophus hartwegii</i> (Benth.) Raven]	Hartweg's evening-primrose, sundrops	N	FP	31343, 34292, 34377, 34662, 34722	Occasional throughout, perhaps more common on rockier / stonier soils.
Onagraceae	<i>Oenothera primiveris</i> A. Gray	evening-primrose	N	FA	30149	Observed in bottom of tanks during drought.
Onagraceae	<i>Oenothera suffrutescens</i> (Ser.) W. L. Wagner & Hoch [ <i>Gaura coccinea</i> Nutt.]	scarlet gaura	N	FP	31382, 31421, 31545, 34336, 34653, <b>36821</b> , <b>37319</b> , <b>37336</b>	Occasional throughout.
Onagraceae	<i>Oenothera tubicula</i> A. Gray [ <i>Calylophus tubicula</i> (A. Gray) Raven]	Texas sundrops, Texas evening-primrose,	N	FP	34710	Noticed in continuously grazed pasture.
Oxalidaceae	<i>Oxalis dillenii</i> Jacq.	slender sour-clover	N	FP	36073	Weed in yard in front of house.
Papaveraceae	<i>Argemone squarrosa</i> Greene	prickly-poppy	N	FA	31144, <b>37351</b>	Occasional in grasslands and disturbed sites.
Papaveraceae	<i>Corydalis aurea</i> Willd.	scrambled eggs	N	FA	34673-B, 34708	Occasional in disturbed areas.
Plantaginaceae	<i>Nuttallanthus texanus</i> (Scheele) D. A. Sutton [ <i>Linaria texana</i> Scheele]	Texas toadflax	N	FA	30175, 34665	Occasional in siltier or sandier soils.
Plantaginaceae	<i>Penstemon fendleri</i> Torr. & A. Gray	Fendler beardtongue	N	FP	34628	Occasional but conspicuous throughout.
Plantaginaceae	<i>Plantago patagonica</i> Jacq.	plantain	N	FA	30150, 34657	Occasional throughout.
Poaceae	<i>Aristida adscensionis</i> L.	sixweeks threeawn	N	GA	31186, 31199, 31359, 34249, 34262, <b>36829</b> , <b>37285</b>	Abundant on burned flats toward NE end of ranch; common to occasional elsewhere.
Poaceae	<i>Aristida purpurea</i> Nutt. var. <i>longiseta</i> (Steud.) Vasey	longawn threeawn	N	GP	31423, <b>36840</b>	Rare in grasslands.
Poaceae	<i>Aristida purpurea</i> Nutt. var. <i>purpurea</i>	purple threeawn	N	GP	31550	Rare on ranch, noted only in continuously grazed pasture.
Poaceae	<i>Aristida purpurea</i> Nutt. var. <i>wrightii</i> (Nash) Allred	Wright threeawn	N	GP	31549	Rare on ranch, noted only in continuously grazed pasture.
Poaceae	<i>Aristida ternipes</i> Cav. var. <i>gentilis</i> (Henrard) Allred [ <i>Aristida ternipes</i> Cav. var. <i>hamulosa</i> (Henr.) Trent; <i>Aristida hamulosa</i> Henr.]	hook threeawn	N	GP	31372, 31452, 31860, 34247, <b>36815</b>	Frequent in grasslands.
Poaceae	<i>Bothriochloa alta</i> (A. S. Hitchc.) Henrard	tall silver bluestem	N	GP	31176, 31486, 34260, <b>37392</b>	Occasional, mostly along drainageways and in low areas.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Poaceae	<i>Bothriochloa barbinodis</i> (Lag.) Herter	cane bluestem	N	GP	31214, 31376, 31347, 34261, <b>36825, 37406</b>	Occasional throughout.
Poaceae	<i>Bothriochloa laguroides</i> (DC.) Herter subsp. <i>torreyana</i> (Steud.) Allred & Gould [ <i>Bothriochloa saccharoides</i> (Sw.) Rydb. var. <i>torreyana</i> (Steud.) Gould]	silver bluestem	N	GP	31323, 34255, <b>36875, 37321</b>	Occasional in grasslands, often along road edges and streambanks.
Poaceae	<i>Bouteloua barbata</i> Lag. [ <i>Chondrosum barbatum</i> (Lag.) W. Clayton]	sixweeks grama	N	GP	31347, 34257, 34280, <b>37321</b>	Common in grasslands.
Poaceae	<i>Bouteloua curtipendula</i> (Michx.) Torr.	sideoats grama	N	GP	31181, 31226-B, 31361, <b>36851</b>	Common in grasslands and on rocky slopes.
Poaceae	<i>Bouteloua eriopoda</i> (Torr.) Torr. [ <i>Chondrosum eriopodum</i> Torr.]	black grama	N	GP	31894, 34253, <b>36817, 37360</b>	Common on rocky slopes; scattered elsewhere.
Poaceae	<i>Bouteloua gracilis</i> (Kunth in H.B.K.) Lag. ex Steud. [ <i>Chondrosum gracile</i> Willd. ex Kunth]	blue grama	N	GP	31361, 34251, <b>36838, 37404, 37405</b>	Common throughout, locally abundant on loamy flats, one of the most common grasses on the ranch.
Poaceae	<i>Bouteloua hirsuta</i> Lag. [ <i>Chondrosum hirsutum</i> (Lag.) Kunth]	hairy grama	N	GP	31378, 31885, 34250, <b>36816, 36839, 37320</b>	Frequent in grasslands.
Poaceae	<i>Cenchrus spinifex</i> Cav.	sandbur	N	GP	31200, 31455, <b>36880, 37311</b>	Occasional in disturbed sites.
Poaceae	<i>Chloris verticillata</i> Nutt.	whorled windmillgrass	N	GP	31568	Noted only on lawn in front of house.
Poaceae	<i>Chloris virgata</i> Sw.	feather windmillgrass, showy chloris	N	GA	30138, 31197, 34246, <b>36846, 36854, 37339, 37384</b>	Common in grasslands and disturbed sites.
Poaceae	<i>Cynodon dactylon</i> (L.) Pers.	Bermudagrass	E	GP	31479	Local around tanks.
Poaceae	<i>Dasyochloa pulchella</i> (Kunth) Willd. ex Rydb. [ <i>Erioneuron pulchellum</i> (Kunth) Tateoka]	fluffgrass	N	GP	<b>37401</b>	
Poaceae	<i>Digitaria californica</i> (Benth.) Henr. [ <i>Trichachne californica</i> (Benth.) Chase]	California cottontop	N	GP	31213	Rare in moist spots in grasslands.
Poaceae	<i>Dinebra viscida</i> (Scribn.) P.M. Peterson & N. Snow [ <i>Leptochloa viscida</i> (Scribn.) Beal]	viscid sprangletop	N	GA	31906, 34299b	Locally common along margin of one pond.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Poaceae	<i>Diplachne fusca</i> (L.) P. Beauv. ex Roem. & Schult. var. <i>fascicularis</i> (Lam.) P.M. Peterson & N. Snow [ <i>Leptochloa fascicularis</i> (Lam.) Gray; <i>L. fusca</i> (L.) Kunth ssp. <i>fascicularis</i> (Lam.) N. Snow]	bearded sprangletop	N	GA	31180, 34302, 34362, 34367	Common around ponds.
Poaceae	<i>Echinochloa colona</i> (L.) Link	junglerice, barnyardgrass	E	GA	31179, 31444, 31548, 31850	Occasional around tanks.
Poaceae	<i>Echinochloa muricata</i> (Beauv.) Fern.	rough barnyardgrass	E	GA	34311, 34363	Occasional around tanks.
Poaceae	<i>Enneapogon desvauxii</i> Beauv.	nineawn pappusgrass	N	GP	31239, 31417, 31472, 34283, <b>37310</b>	Common in grasslands.
Poaceae	<i>Eragrostis cilianensis</i> (All.) Janchen	stinking lovegrass	N	GA	31260, 31432, <b>36845</b>	Noticed in mud puddles and reservoir bottom.
Poaceae	<i>Eragrostis lehmanniana</i> Nees	Lehmann lovegrass	E	GP	31482, <b>36852</b> , <b>37317</b>	Occasional in grasslands along exterior fencelines; locally common in disturbed sites.
Poaceae	<i>Eragrostis lugens</i> Nees	mourning lovegrass	N	GP	<b>37399</b>	
Poaceae	<i>Eragrostis mexicana</i> (Hornem.) Link	Mexican lovegrass	N	GA	<b>36847</b>	Collected from mud puddle at a gate.
Poaceae	<i>Eragrostis pectinacea</i> (Michx.) Nees	spreading lovegrass	N	GA	31431	Locally common in reservoir bottom.
Poaceae	<i>Eriochloa acuminata</i> (Presl) Kunth	southwestern cupgrass	N	GA	31178, 31373, 31908, 34254, 34285, 34286, 34353	Common around ponds.
Poaceae	<i>Hilaria swallenii</i> Cory	Swallen curlymesquite	N	GP	31363, 34314, <b>36826</b> , <b>37292</b>	Occasional to locally common on silty flats.
Poaceae	<i>Hopia obtusa</i> (Kunth) Zuloaga & Morrone [ <i>Panicum obtusum</i> Kunth]	vine-mesquite	N	GP	31225-B, 31362, 31429, 34298, <b>36863</b> , <b>37382</b>	Occasional patches in deep soils in low areas.
Poaceae	<i>Leptochloa dubia</i> (Kunth) Nees	green sprangletop	N	GP	34342, 34346	
Poaceae	<i>Muhlenbergia alopecuroides</i> (Griseb.) P.M. Peterson & Columbus [ <i>Lycurus setosus</i> (Nutt.) C. G. Reeder]	bristly wolftail	N	GP	31417, 31892, 34340	Rare, mostly on rocky slopes.
Poaceae	<i>Muhlenbergia arenacea</i> (Buckl.) Hitchc.	ear muhly	N	GP	31540, 31546, 31187, 34351	Rare on ranch but locally common in silty flats and in continuously grazed pasture.
Poaceae	<i>Muhlenbergia arenicola</i> Buckl.	ring muhly, sand muhly	N	GP	31470, 31217, 34310, 34345, 34363, <b>36836</b>	The number of collections suggest s this species is common, at least in sandier areas in the SW part of the ranch.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Poaceae	<i>Muhlenbergia porteri</i> Scribn. ex Beal	bush muhly	N	GP	31466, 31247, <b>37295</b>	Rare on ranch, noted in shrubs in several locations, mostly in sandier soils near railroad track in SW corner.
Poaceae	<i>Muhlenbergia repens</i> (Presl) Hitchc.	creeping muhly	N	GP	30179	Local in moist soil around base of above-ground tank near SW corner of ranch.
Poaceae	<i>Munroa squarrosa</i> (Nutt.) Torr.	false buffalograss	N	GA	31360, <b>36831</b>	Occasional throughout, mostly in early succession sites.
Poaceae	<i>Panicum hallii</i> Vasey var. <i>hallii</i>	Hall's panicum	N	GP	31150, 31252, 34259, <b>36891</b> , <b>37364</b>	Occasional throughout.
Poaceae	<i>Panicum hirticaule</i> Presl	Mexican panicgrass	N	GA	31539	Occasional in grassland on silty flats.
Poaceae	<i>Paspalum distichum</i> L.	knotgrass	N	GP	31898, 34300	Moist soils along margin of at least one pond.
Poaceae	<i>Pleuraphis mutica</i> Buckl. [ <i>Hilaria mutica</i> (Buckl.) Benth.]	tobosa	N	GP	31329, 31542, <b>36883</b>	Frequent patches on silty flats.
Poaceae	<i>Scleropogon brevifolius</i> Phil.	burrograss	N	GP	31165, <b>36869</b> , <b>37403</b>	Occasional throughout, mostly on alluvial /colluvial flats.
Poaceae	<i>Setaria leucopila</i> (Scribn. & Merr.) K. Schum.	southwestern bristlegrass	N	GP	31172, 31224-B, 31248 31859, 36045, <b>36850</b>	Occasional throughout, often in protection of shrubs.
Poaceae	<i>Setaria verticillata</i> (L.) Beauv.	hooked bristlegrass	E	GP	31375, <b>37300</b>	Rare, noted only as weed in yard of house.
Poaceae	<i>Sorghum halepense</i> (L.) Pers.	Johnsongrass	E	GP	31190, <b>36864</b>	Occasional in drainageways and disturbed sites.
Poaceae	<i>Sporobolus contractus</i> Hitchc.	spike dropseed	N	GP	31465, 34364, 36065, <b>37365</b>	Occasional in grasslands.
Poaceae	<i>Sporobolus cryptandrus</i> (Torr.) A. Gray	sand dropseed	N	GP	31346, <b>36853</b> , <b>37362</b>	Rare in grasslands.
Poaceae	<i>Tragus berteronianus</i> Schult.	spike burgrass	E	GA	34307	Rare, observed on basalt slopes.
Poaceae	<i>Tridens albescens</i> (Vasey) Wooton & Standl.	white tridens	N	GP	<b>37291</b> , <b>37341</b>	
Polemoniaceae	<i>Ipomopsis aggregata</i> (Pursh) V. E. Grant	scarlet gilia, standing cypress	N	FB	34340	Rare, noticed only in dry bed of Alamito Creek.
Polemoniaceae	<i>Ipomopsis laxiflora</i> (Coul.) V. Grant	iron ipomopsis	N	FA	34705, 34717	Rare in grasslands.
Polemoniaceae	<i>Ipomopsis longiflora</i> (Torr.) V. Grant	flaxflower ipomopsis	N	FA	31221-B, 31352, 34673, <b>37368</b>	Rare on sandier soils in southwest part of ranch.

Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Polygalaceae	<i>Rhinotropis lindheimeri</i> (A. Gray) R. Abbott [ <i>Polygala lindheimeri</i> A. Gray var. <i>parvifolia</i> Wheeler]	rock milkwort	N	FP	31159, 31163	Occasional but inconspicuous, mostly on basal slopes.
Polygonaceae	<i>Eriogonum abertianum</i> Torr.	Abert's wild-buckwheat	N	FP	34296, 34339, 34648, <b>37306</b>	Occasional on basalt slopes.
Polygonaceae	<i>Eriogonum annuum</i> Nutt.	annual wild-buckwheat	N	FP	31463, 36041, <b>36879</b> , <b>37400</b>	Local in grasslands on sandier sites.
Polygonaceae	<i>Eriogonum wrightii</i> Torr. var. <i>wrightii</i>	Wright's wild-buckwheat	N	FP	31143, 30184, 31319, 31896, 34291	Common on basalt slopes and in gravelly dry streambeds.
Polygonaceae	<i>Persicaria pensylvanica</i> (L.) Gomez [ <i>Polygonum pensylvanicum</i> L.]	Pennsylvania smartweed	N	FA	31909, 36070	Rare, a few plants in bed of one stock pond.
Polygonaceae	<i>Polygonum</i> sp. [probably <i>P. ramosissimum</i> Michx.]	knotweed	N	FA	31480	Rare, noted only in shallow soils near above-ground tank at windmill just N of house.
Polygonaceae	<i>Rumex altissimus</i> Alph. Wood	tall dock	N	FA	31900	Rare along bed of Alamito Creek.
Polygonaceae	<i>Rumex hymenosepalus</i> Torr.	pale dock	N	FA	34676	Locally common in a few upland sites.
Pontederiaceae	<i>Heteranthera limosa</i> (Sw.) Willd.	mud-plantain	N	FQ	31853, <b>37388-A</b>	Locally common in shallow water of pond.
Portulacaceae	<i>Portulaca oleracea</i> L.	common portulaca	N	FA	[can't be pressed]	Common in dry lakebed.
Portulacaceae	<i>Portulaca pilosa</i> L.	shaggy portulaca	N	FA	31202, <b>36818</b> , <b>37381</b>	Rare in grasslands and disturbed sites.
Portulacaceae	<i>Portulaca suffrutescens</i> Engelm.	shrubby portulaca	N	FP	31206	Rare in grasslands.
Ranunculaceae	<i>Clematis drummondii</i> Torr. & A. Gray	old man's beard	N	FPV	36064, <b>36882</b> , <b>37304</b>	Rare in grasslands, perhaps more common in continuously grazed pasture than elsewhere.
Rhamnaceae	<i>Condalia ericoides</i> (A. Gray) M. C. Johnston [ <i>Microrhamnus ericoides</i> A. Gray]	javelina-bush	N	S	30137	Frequent in grasslands.
Rhamnaceae	<i>Ziziphus obtusifolia</i> (Hook. ex Torr. & A. Gray) A. Gray	lotebush	N	S	31328	Rare in grasslands.
Rosaceae	<i>Fallugia paradoxa</i> (D. Don) Endl. ex Torr.	Apache plume	N	S	31325, <b>37356</b>	Occasional in streambeds.
Rubiaceae	<i>Houstonia humifusa</i> (A. Gray) A. Gray [ <i>Hedyotis humifusa</i> A. Gray]	bluet	N	FA	31204, 34675-B	Rare in sandier soils.
Salicaceae	<i>Populus</i> sp.	cottonwood	N	T		Small sapling at above-ground tank on hilltop on George tract



Family	Scientific Name	Common Name(s)	Nat.	Form	Voucher	Comments
Sapindaceae	<i>Sapindus drummondii</i> Hook. & Arn. [ <i>Sapindus saponaria</i> L. var. <i>drummondii</i> (Hook. & Arn.) Benson]	western soapberry	N	T		Planted behind house; not occurring in wild?
Scrophulariaceae	<i>Buddleja scordioides</i> Kunth	escobilla, butterflybush	N	S	31365, 36000, <b>36857, 37289</b>	Occasional throughout.
Solanaceae	<i>Chamaesaracha coniodes</i> (Moric. ex Dunal) Britton	false groundcherry	N	FP	34639, <b>37377</b>	Occasional throughout.
Solanaceae	<i>Datura quercifolia</i> Kunth	oakleaf datura; jimsonweed	N	FA	31865, 34355, <b>37359</b>	Occasional in dry streambeds.
Solanaceae	<i>Lycium pallidum</i> Miers.	pale wolfberry	N	S	34295, 34674	Large population on sandy soils in SW part of ranch; small population in one valley bottom.
Solanaceae	<i>Physalis cinerascens</i> (Dun.) A. S. Hitchc.	clammy ground-cherry	N	FP	31316	Occasional in grasslands.
Solanaceae	<i>Solanum citrullifolium</i> A. Braun	melon-leaf nightshade	N	FP	31147, <b>36855, 37345</b>	Locally common on flats along drainageways.
Solanaceae	<i>Solanum elaeagnifolium</i> Cav.	silverleaf nightshade	N	FP	31424, <b>37303</b>	Occasional throughout.
Talinaceae	<i>Talinum aurantiacum</i> Engelm. [ <i>Phemeranthus aurantiacus</i> (Engelm.) Kiger]	orange flameflower	N	FP	31162, <b>37326</b>	Common in grasslands.
Ulmaceae	<i>Ulmus pumila</i> L.	Siberian elm	E	T		Planted trees in yard at house; several seedlings in nearby cattle guard.
Verbenaceae	<i>Aloysia wrightii</i> Heller ex Abrams	Wright's beebrush	N	S	31227	Frequent on basalt slopes.
Verbenaceae	<i>Glandularia wrightii</i> (A. Gray) Umber [ <i>Verbena wrightii</i> A. Gray]	Wright's vervain	N	FA	30140, 34634, <b>36885</b>	Common in disturbed soils; scattered in grasslands.
Verbenaceae	<i>Verbena bracteata</i> Lag. & Rodr.	bracted vervain	N	FP	31369	Rare, noted only in drainage ditch near pond.
Verbenaceae	<i>Verbena neomexicana</i> (A. Gray) Small	New Mexico vervain	N	FP	31153; 34297, 34661, 34618. <b>36896</b>	Occasional, mostly on basalt slopes.
Zygophyllaceae	<i>Kallstroemia hirsutissima</i> Vail ex Small	hairy caltrop	N	FA	31551	Rare in grasslands.
Zygophyllaceae	<i>Kallstroemia parviflora</i> Norton	warty caltrop	N	FA	31245	Common throughout, one of the most conspicuous forbs in spring / summer 2012, perhaps in response to fire.
Zygophyllaceae	<i>Larrea tridentata</i> (DC.) Coville	creosotebush	N	S	36055, <b>37318</b>	Rare on basalt slopes.
Zygophyllaceae	<i>Tribulus terrestris</i> L.	puncture-vine, goathead	E	FA	31169, <b>37101</b>	Rare, mostly near house.

#### Selected References

- Anderson, E. F. 2001. The cactus family. Timber Press, Portland, Oregon. 776 pp.  
 Benson, L. 1982. The cacti of the United States and Canada. Stanford University Press, Stanford. 1044 pp.

- Correll, D. S. and M. C. Johnston. 1970. Manual of the vascular plants of Texas. Texas Research Foundation, Renner. 1881 pp.
- Gould, F. W. 1975. The grasses of Texas. Texas A & M University Press, College Station. 653 pp.
- Hatch, S. L., K. N. Gandhi, and L. E. Brown. 1990. Checklist of the vascular plants of Texas. Texas Agricultural Experiment Station, Texas A & M University, College Station. 158 pp.
- Jones, S. D. and J. K. Wipff. 2003. A 2003 update to the vascular plants of Texas. Botanical Research Center of Texas, Bryan. CD.
- Jones, S. D., J. K. Wipff and P. M. Montgomery. 1997. Vascular plants of Texas: a comprehensive checklist including synonymy, bibliography, and index. University of Texas Press, Austin. 404 pp.
- Powell, A. M. 1994. Grasses of the Trans-Pecos and adjacent areas. University of Texas Press, Austin. 377 pp.
- Powell, A. M. 1998. Trees and shrubs of the Trans-Pecos and adjacent areas. University of Texas Press, Austin. 498 pp.
- Powell, A. M. and J. F. Weedin. 2004. Cacti of the Trans-Pecos and adjacent areas. Texas Tech University Press, Lubbock. 509 pp. + plates.
- Powell, A. M. and R. D. Worthington. 2018. Flowering plants of Trans-Pecos Texas and adjacent areas. Sida, Botanical Miscellany 49. Botanical Research Institute of Texas, Fort Worth. 1444 pp.
- Shaw, R. B. 2012. Guide to Texas grasses. Texas A & M University Press, College Station. 1080 pp.
- Warnock, B. H. 1970. Wildflowers of the Big Bend Country, Texas. Sul Ross State University, Alpine. 157 pp.
- Warnock, B. H. 1974. Wildflowers of the Guadalupe Mountains and the Sand Dune Country, Texas. Sul Ross State University, Alpine. 176 pp.
- Warnock, B. H. 1977. Wildflowers of the Davis Mountains and Marathon Basin, Texas. Sul Ross State University, Alpine. 274 pp.
- Weniger, D. 1984. Cacti of Texas and neighboring states: a field guide. University of Texas Press, Austin. 356 pp.
- West, S. 2000. Northern Chihuahuan Desert wildflowers: a field guide to wildflowers and other plants of the desert and its parklands. Falcon Publishing, Inc., Helena, Montana. 221 pp.
- Yarborough, S. C. and A. M. Powell. 2002. Ferns and fern allies of the Trans-Pecos and adjacent areas. Texas Tech University Press, Lubbock. 116 pp.