

Plant Species Observed on the Kennedy Ranch, Presidio County, Texas
15 January 2015 Draft

This incomplete list includes those species observed during field work conducted on 27 March 2012, 18 July 2012, 22-24 August 2012, 18-19 September 2012, and 26 August 2014. Observers included Debbie Benesh, Bill Carr, Brush Freeman, Hillary Loring, Robert Potts, Mary Lou Price and Diane Sherrill. Many other species are present on the ranch and will be detected with future effort. Scientific names generally follow Jones & Wipff (2003); selected synonyms are provided in brackets. Common names follow the USDA PLANTS database (<http://plants.usda.gov/java/>) and/or various other sources mentioned in the references section at the end of the list. 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. Voucher specimens 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. Comments are based on limited field work following a major drought and should be taken with a grain of salt.

Family	Scientific Name	Common Name	Nat.	Form	Vouchers	Comments
Acanthaceae	<i>Carlowrightia linearifolia</i> (Torr.) A. Gray	heath wright-bush	N	S	31776	Rare on most of ranch but locally common in one valley flat near Matonoso Creek.
Agavaceae	<i>Agave lechuguilla</i> Torr.	lechuguilla	N	S		Rare on rocky uplands and S-facing slopes.
Agavaceae	<i>Nolina texana</i> Wats.	Texas nolina, Devil's shoelace	N	S		Rare on rocky slopes.
Agavaceae	<i>Yucca elata</i> (Engelm.) Engelm.	soaptree yucca	N	S		Occasional throughout, perhaps less common than <i>Y. torreyi</i> .
Agavaceae	<i>Yucca torreyi</i> Shafer	Spanish dagger	N	S		Occasional throughout.
Aizoaceae	<i>Trianthema portulacastrum</i> L.	horse-purslane	N	FA	31257, 31272	Local in disturbed valley flats, often around pens.
Amaranthaceae	<i>Amaranthus palmeri</i> S. Wats.	Palmer amaranth	N	FA	31497	Occasional to locally common throughout.
Amaranthaceae	<i>Amaranthus torreyi</i> (Gray) S. Wats.	Torrey amaranth	N	FA	31496, 31747, 31755	Occasional in and along streambeds.
Amaranthaceae	<i>Froelichia arizonica</i> Thornb. ex Standl.	Arizona snake-cotton	N	FA	31296	Occasional in streambeds and on gravel bars.
Amaranthaceae	<i>Tidestromia lanuginosa</i> (Nutt.) Standl. var. <i>lanuginosa</i>	woolly tidestromia	N	FA	31834	Occasional to common throughout.
Anacardiaceae	<i>Rhus microphylla</i> Engelm.	littleleaf sumac	N	S	31304	Most common along drainageways, but occasional throughout.

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Apocynaceae	<i>Macrosiphonia lanuginosa</i> (Mart. & Gal.) Hemsl. var. <i>macrosiphon</i> (Torr.) Henrickson [<i>Macrosiphonia lanuginosa</i> (Torr.) Heller]	rock trumpets	N	S	31587	Rare, encountered on steep gravelly / rocky slopes in a few locations.
Asclepiadaceae	<i>Funastrum cynanchoides</i> (Dcne.) Schltr. var. <i>heterophyllum</i> (Engelm. ex Torr.) Kartesz [<i>Sarcostemma cynanchoides</i> var. <i>hartwegii</i> (Vail) Shinnery]	Hartweg's milkvine	N	FPV	34277	Rare in shrubland on dry loamy terrace along creek.
Asteraceae	<i>Acourtia wrightii</i> (Gray) Reveal & R. King [<i>Perezia wrightii</i> Gray]	pink perezia	N	FP	31278, 31775	Shallow drainage ditch at camp (HQ).
Asteraceae	<i>Ambrosia</i> sp.	Ragweed	N	FP	31771	Rare along Alamito Creek.
Asteraceae	<i>Baccharis salicifolia</i> (Ruiz & Pavón) Pers.	seepwillow baccharis	N	S	31289	Mostly along dry washes and Alamito Creek.
Asteraceae	<i>Bahia absinthifolia</i> Benth.	hairyseed bahia	N	FP	31491	Rare in upland shrublands.
Asteraceae	<i>Baileya multiradiata</i> Harvey & Gray ex Gray	desert marigold	N	FP	31263	Occasional in gravelly uplands and streambeds.
Asteraceae	<i>Berlandiera lyrata</i> Benth.	chocolate-flower, green-eyes	N	FP	31836	
Asteraceae	<i>Brickellia laciniata</i> Gray	splitleaf brickellbush	N	S		Common in dry washes.
Asteraceae	<i>Chloracantha spinosa</i> (Benth.) Nesom [<i>Aster spinosus</i> Benth.]	spiny aster, wolfweed	N	FP		Rare on creekbank.
Asteraceae	<i>Cirsium ochrocentrum</i> Gray	yellow-spine thistle	N	FB		Rare on terraces along Alamito Creek.
Asteraceae	<i>Conyza canadensis</i> (L.) Cronq.	Horseweed	N	FA	31805	Disturbed area at Railroad Pond.
Asteraceae	<i>Erigeron</i> sp.	Fleabane	N	FA	31801	Disturbed area at Railroad Pond.
Asteraceae	<i>Flourensia cernua</i> DC.	Tarbush	N	S		Locally frequent on valley flats; scarce on uplands.
Asteraceae	<i>Gutierrezia</i> sp.	bushy broomweed	N	S		Occasional throughout.
Asteraceae	<i>Helenium microcephalum</i> DC.	smallhead sneezeweed	N	FA	31262	Common in wet soils around Railroad Pond.
Asteraceae	<i>Helianthus annuus</i> L.	common sunflower	N	FA		Rare along Alamito Creek.
Asteraceae	<i>Hymenoclea monogyra</i> T. & G. ex Gray	burrobrush	N	S		Locally abundant on gravel in major streambeds.
Asteraceae	<i>Laennicia coulteri</i> (Gray) Nesom [<i>Conyza coulteri</i> Gray]	Coulter's horseweed	N	FA		Noticed in weedy area near HQ.
Asteraceae	<i>Lygodesmia texana</i> (Torr. & Gray) Greene	Texas skeletonplant	N	FP		Rare in shrublands on rocky slopes.

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Asteraceae	<i>Machaeranthera pinnatifida</i> (Hook.) Shinners	lacy tansy-aster	N	FP		Rather rare, noticed in only a few places, e.g., Matonoso Creek Pasture.
Asteraceae	<i>Melampodium leucanthum</i> Torr. & Gray	blackfoot daisy	N	FP	31311, 31795	Occasional in upland sites.
Asteraceae	<i>Parthenium confertum</i> Gray	Gray's feverfew	N	FP	31797	Occasional in shrubland on gravelly slope.
Asteraceae	<i>Parthenium hysterophorus</i> L.	false ragweed	N	FA	31815	Disturbed upland at pond (tank) on west side of St. Rt. 169.
Asteraceae	<i>Parthenium incanum</i> Kunth	mariola	N	S	31273	Common on valley flat near camp (HQ).
Asteraceae	<i>Pectis filipes</i> Harvey & Gray var. <i>subnuda</i> Fem.	fivebract chinchweed	N	FA	31285-A, 31504, 31586, 31753	Frequent in gravelly soils.
Asteraceae	<i>Pectis papposa</i> Harvey & Gray var. <i>grandis</i> Keil	manybristle chinchweed	N	FA	31312, 31786	Occasional on gravelly upland sites.
Asteraceae	<i>Pectis prostrata</i> Cav.	spreading chinchweed	N	FA	34324, 34331	Rare on gravelly upland sites.
Asteraceae	<i>Perityle vaseyi</i> Coult.	Vasey's rockdaisy	N	FP	31533	Occasional on terraces along Alamito Creek and tributaries, sometimes on adjacent lower slopes.
Asteraceae	<i>Psathyrotopsis scaposa</i> (Gray) H. Rob. [<i>Psathyrotes scaposa</i> Gray]	naked turtleback	N	FP	31788	Localized on outcrops of white calcareous rock, mostly on slopes just NW of HQ.
Asteraceae	<i>Senecio riddellii</i> T. & G. [<i>S. spartioides</i> T. & G.]	Riddell's ragwort	N	FP	30157	Rare under cottonwoods along Alamito Creek.
Asteraceae	<i>Stephanomeria pauciflora</i> (Torr.) A. Nels. [<i>Lygodesmia pauciflora</i> (Torr.) Shinners]	skeletonplant, wire-lettuce	N	FP	31526	Rare among catclaw thickets on terrace of Alamito Creek.
Asteraceae	<i>Symphotrichum divaricatum</i> (Nutt.) Nesom	hierba del marrano	N	FP	31780	Rare, noticed only on bank of waterhole in Alamito Creek.
Asteraceae	<i>Thelesperma megapotamicum</i> (Spreng.) Kuntze	rayless greenthread	N	FP	31298, 31516	Occasional on rocky slopes.
Asteraceae	<i>Thymophylla acerosa</i> (DC.) Strother [<i>Dyssodia acerosa</i> DC.]	prickleleaf dogweed	N	FP	31469, 34325	Rare in shrublands on gravelly slopes.
Asteraceae	<i>Thymophylla pentachaeta</i> (DC.) Small [<i>Dyssodia pentachaeta</i> (DC.) Robins.]	parralena	N	FP	31503, 31575	Rare on gravelly upland sites.

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Asteraceae	<i>Trixis californica</i> Kellogg	American threefold, American trixis	N	S	31746	Scattered on upland sites.
Asteraceae	<i>Verbesina encelioides</i> (Cav.) Benth. & Hook. f. ex Gray var. <i>exauriculata</i> B. L. Rob. & Greenm.	cowpen daisy	N	FA	31527	Occasional in disturbed areas around camp (HQ) and along Alamito Creek.
Asteraceae	<i>Viguiera stenoloba</i> Blake	narrowleaf goldeneye	N	S	31498	Occasional on rock slopes and ridges.
Asteraceae	<i>Xanthium strumarium</i> L.	cocklebur, porcupine-eggs	N	FA		Various places along Alamito Creek.
Asteraceae	<i>Zinnia grandiflora</i> Nutt.	yellow zinnia	N	FP	31835	Common on valley flat along Matonoso Creek.
Berberidaceae	<i>Berberis trifoliolata</i> Moric	agarito	N	S	30158	Rare in various habitats.
Bignoniaceae	<i>Chilopsis linearis</i> (Cav.) Sweet	desert willow	N	S	31290	Common along Alamito and Matonoso creeks.
Boraginaceae	<i>Tiquilia canescens</i> (DC.) A. T. Richardson [<i>Coldenia canescens</i> DC.]	oreja de perro, woolly crinklemat	N	S		Rare in bed of road through upland shrubland.
Boraginaceae	<i>Tiquilia greggii</i> (T. & G.) A. Richardson [<i>Coldenia greggii</i> (T. & G.) Gray]	plume crinklemat, Gregg's tiquilia	N	S	31269, 31790	Localized on outcrops of white calcareous rock, mostly on slopes just NW of HQ.
Brassicaceae	<i>Nerisyrenia camporum</i> (Gray) Greene	mesa greggia	N	FA	30153, 31283, 31303	Gravel bars along creek; stony upland sites.
Brassicaceae	<i>Physaria fendleri</i> (Gray) O'Kane & Al-Shehbaz [<i>Lesquerella fendleri</i> (Gray) Wats.]	Fendler bladderpod	N	FP	30154	Occasional throughout, most common in silt in drainageways.
Buddlejaceae	<i>Buddleja scordioides</i> Kunth	escobilla butterflybush	N	S	31492	Rare, noticed only on creek terrace.
Cactaceae	<i>Coryphantha macromeris</i> (Engelm.) Lem. var. <i>macromeris</i>	cory-cactus	N	S		Rare in upland shrublands.
Cactaceae	<i>Cylindropuntia leptocaulis</i> (DC.) F. M. Knuth [<i>Opuntia leptocaulis</i> DC.]	tasajillo, pencil cactus	N	S		Occasional to common throughout.
Cactaceae	<i>Echinocactus horizonthalonius</i> Lemaire var. <i>horizonthalonius</i>	devil's head, horse-crippler	N	S		Rare throughout.
Cactaceae	<i>Echinocereus dasyacanthus</i> Engelm.	rainbow cactus	N	S		Rare throughout.
Cactaceae	<i>Echinocereus stramineus</i> (Engelm.) Rümpler	strawberry cactus	N	S		Rare on outcrops of white calcareous rock.
Cactaceae	<i>Ferocactus hamatacanthus</i> (Muehlenpf.) Britton & Rose	giant fish-hook cactus	N	S		Rare, noticed only on outcrops of white calcareous rock just NW of HQ.

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Cactaceae	<i>Grusonia</i> sp. [<i>Opuntia</i> sp., perhaps <i>O. schottii</i> Engelm.]	dog cholla	N	S		Occasional in upland shrublands.
Cactaceae	<i>Opuntia imbricata</i> (Haw.) DC.	cholla	N	S		Occasional throughout.
Cactaceae	<i>Opuntia</i> sp. (<i>Platyopuntia</i> sp.) [<i>O. engelmannii</i> Salm-Dyck?]	pricklypear	N	S		Occasional to common throughout.
Cactaceae	<i>Opuntia</i> sp. (<i>Platyopuntia</i> sp.) [<i>O. violacea</i> Engelm.?]	violet pricklypear	N	S		Occasional throughout.
Capparaceae	<i>Koeberlinia spinosa</i> Zucc. var. <i>spinosa</i>	allthorn	N	S		Occasional throughout.
Capparaceae	<i>Polanisia uniglandulosa</i> (Cav.) DC.	Mexican clammyweed	N	FA	34268	Rare in gravel in dry bed of Alamito Creek.
Chenopodiaceae	<i>Atriplex canescens</i> (Pursh) Nutt.	fourwing saltbush	N	S		Occasional on valley flats.
Chenopodiaceae	<i>Atriplex elegans</i> (Moq.) Dietr.	wheelscale saltbush, elegant saltbush	N	FA	31261, 31806	Disturbed slope around Railroad Pond.
Chenopodiaceae	<i>Salsola tragus</i> L. [<i>Salsola kali</i> L.]	Russian thistle	E	FA	31799, 31833	Common around pens and other disturbed areas.
Commelinaceae	<i>Commelina erecta</i> L.	common dayflower	N	FP	31840	Rare in shrublands on gravelly slopes.
Convolvulaceae	<i>Convolvulus equitans</i> Benth.	Common bindweed	N	FPV	34315	Rare along Alamito Creek.
Convolvulaceae	<i>Ipomoea costellata</i> Torr.	crestrub morning-glory	N	FPV	31818	Occasional in deeper clay soils.
Convolvulaceae	<i>Ipomoea cristulata</i> Hallier f.	scarlet morning-glory	N	FPV	31754	Rare, noticed only in shrubland along one drainageway.
Convolvulaceae	<i>Ipomoea hederacea</i> Jacq.	ivyleaf morning-glory	N	FPV	31773	Rare in shrubland near pens on valley flat.
Cucurbitaceae	<i>Cucurbita foetidissima</i> Kunth	stinking gourd	N	FA		Occasional in disturbed sites.
Cucurbitaceae	<i>Ibervillea tenuisecta</i> (Gray) Small	slimlobe globeberry	N	FP	31305	Twining into creosote on gravelly ridgetop.
Cuscutaceae	<i>Cuscuta</i> sp.	dodder	N	FA	31295	Rare, parasitic on <i>Fallugia paradoxa</i> .
Cyperaceae	<i>Cyperus</i> sp.	flatsedge	N	GA	31814	Collected from mudflat around pond (tank) on west side of St. Rt. 169.
Cyperaceae	<i>Eleocharis</i> sp. [probably <i>E. montevidensis</i> Kunth]	spikesedge	N	GP	30172, 31770	Collected from bank of pool under old cottonwoods on Alamito Creek.
Ephedraceae	<i>Ephedra aspera</i> Torr. ex S. Wats.	jointfir	N	S		Rare (?) in shrublands.
Euphorbiaceae	<i>Acalypha monostachya</i> (Engelm. ex Gray) L. Mill. & Gandhi	wild –mercury	N	FP	31287, 31756	Rare on conglomerate outcrop along dry wash.

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Euphorbiaceae	<i>Chamaesyce hyssopifolia</i> (L.) Small [<i>Euphorbia hyssopifolia</i> L.]	nodding spurge	N	FA	31286, 31536	Collected from sandy-gravelly alluvium in dry wash; probably common
Euphorbiaceae	<i>Chamaesyce micromera</i> (Boiss.) Woot. & Standl. [<i>Euphorbia micromera</i> Boiss.]	Sonorant sandmat	N	FA	31507	Collected from catclaw thicket on terrace of Alamito Creek.
Euphorbiaceae	<i>Chamaesyce serpyllifolia</i> (Pers.) Small [<i>Euphorbia serpyllifolia</i> Pers.]	thymeleaf sandmat	N	FA	31500	Collected from creosote shrubland on gravelly upland; probably common
Euphorbiaceae	<i>Chamaesyce serrula</i> (Engelm.) Woot. & Standl. [<i>Euphorbia serrula</i> Engelm.]	sawtooth matspurge	N	FA	31292, 31511	Collected from sandy-gravelly alluvium in dry wash; probably common.
Euphorbiaceae	<i>Chamaesyce stictospora</i> (Engelm.) Small [<i>Euphorbia stictospora</i> Engelm.]	slimseed sandmat	N	FA	31520	Collected among cottonwoods along Alamito Creek.
Euphorbiaceae	<i>Chamaesyce theriaca</i> (L. C. Wheeler) Shinnery [<i>Euphorbia theriaca</i> L. C. Wheeler]	Terlingua matspurge	N	FA	31501, 31266, 31313, 34321	Collected from dry wash and gravelly ridgetop.
Euphorbiaceae	<i>Croton pottsii</i> (Kl.) Muell. Arg. var. <i>pottsii</i>	leatherweed croton	N	FP	31299, 31844	Occasional throughout.
Euphorbiaceae	<i>Ditaxis humilis</i> (Engelm. & Gray) Pax var. <i>humilis</i> [<i>Argythamnia humilis</i> Engelm. & Gray var. <i>humilis</i>]	low wild-mercury	N	FP	31284	Occasional in dry wash.
Euphorbiaceae	<i>Ditaxis neomexicana</i> (Muell. Arg.) Heller [<i>Argythamnia neomexicana</i> Muell. Arg.]	New Mexico wild-mercury	N	FP	31582	Rare under shrubs in creosote shrubland on gravelly slope.
Euphorbiaceae	<i>Phyllanthus polygonoides</i> Nutt. ex Spreng.	knotweed leaf-flower	N	FP	31279	Rare on conglomerate outcrop along dry wash.
Euphorbiaceae	<i>Poinsettia davidii</i> (R. Subilis) B. L. Turner	David's poinsettia	N	FA	31281, 31488	Dry wash, gravelly uplands.
Euphorbiaceae	<i>Tragia ramosa</i> Torr.	noseburn	N	FP	31777	Rare in shrubland on gravelly slope.
Fabaceae	<i>Acacia constricta</i> Benth.	whitethorn acacia	N	S	31514	Occasional throughout.
Fabaceae	<i>Acacia greggii</i> Gray var. <i>greggii</i>	catclaw acacia	N	S	31294, 31589	Rare along creek and dry wash.
Fabaceae	<i>Acacia neovernicosa</i> Isely	viscid acacia	N	S	31288	Common in various habitats.
Fabaceae	<i>Astragalus austrinus</i> (Small) Schulz	milkvetch	N	FA		Gravel / silt bars along Alamito Creek.
Fabaceae	<i>Astragalus wootonii</i> Sheldon	Wooton milkvetch	N	FP	30155	Gravel / silt bars along Alamito Creek.

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Fabaceae	<i>Calliandra iselyi</i> B. L. Turner	Isely's feather-duster	N	S	31791	Localized on outcrops of white calcareous rock, mostly on slopes just NW of HQ.
Fabaceae	<i>Dalea formosa</i> Torr.	feather dalea	N	S		Rare in upland shrublands.
Fabaceae	<i>Dalea neomexicana</i> (Gray) Cory	New Mexico dalea	N	FP	31309, 31574	Rare among creosote on gravelly uplands.
Fabaceae	<i>Dalea wrightii</i> Torr.	Wright's dalea	N	FP	34328	Rare on gravelly slopes.
Fabaceae	<i>Desmanthus cooleyi</i> (Eaton) Trel.	Cooley bundleflower	N	FP		Occasional throughout.
Fabaceae	<i>Hoffmannseggia glauca</i> (Ort.) Eifert	Indian rushpea	N	FP		Rare, local on white gravel outcrops NW of camp.
Fabaceae	<i>Mimosa aculeaticarpa</i> Ort. var. <i>biuncifera</i> (Benth.) Barneby [<i>M. biuncifera</i> Benth.]	catclaw mimosa	N	S	31297	Frequent in narrow draws and on some upland sites.
Fabaceae	<i>Prosopis glandulosa</i> Torr.	honey mesquite	N	T/S	31517	Frequent in many habitats.
Fabaceae	<i>Prosopis pubescens</i> Benth.	tomillo, screwbean mesquite	N	S	31528	Frequent, particularly along washes and on valley flats.
Fabaceae	<i>Senna bauhinoides</i> (Gray) Irwin & Barneby [<i>Cassia bauhinoides</i> Gray]	two-leaf senna	N	FP		Rare, observed in streambed gravel.
Fouquieriaceae	<i>Fouquieria splendens</i> Engelm.	ocotillo	N	S		Frequent on upland sites.
Hydrophyllaceae	<i>Nama hispidum</i> Gray	sandbells	N	FA		Along Alamito Creek and in dry washes.
Krameriaceae	<i>Krameria grayi</i> Rose & Painter	white ratany	N	S	31494, 31794	Frequent in shrublands on rocky slopes and flats.
Lamiaceae	<i>Hedeoma nana</i> (Torr.) Briq.	dwarf hedeoma	N	FA	31271, 31789	Rare in upland shrublands.
Lamiaceae	<i>Salvia reflexa</i> Hornem.	lanceleaf sage	N	FA		Rare on terrace of Matonoso Creek.
Lamiaceae	<i>Salvia</i> sp.	sage	N	S		W edge of road ca.500-1000 ft. N of camp (HQ).
Loasaceae	<i>Cevallia sinuata</i> Lag.	stinging cevallia, stinging serpent	N	FP	31487	Rare in upland shrublands.
Loasaceae	<i>Mentzelia multiflora</i> (Nutt.) Gray	manyflower stickleaf	N	FP	31265, 31531	Rare, noted in dry wash.
Malvaceae	<i>Hibiscus denudatus</i> Benth.	paleface rosemallow	N	S	31750	Rare, noted in one dry streambed.
Malvaceae	<i>Sida abutilifolia</i> Mill.	spreading sida	N	FP	31796	Occasional in shrublands and grasslands on gravelly slopes.
Malvaceae	<i>Sphaeralcea angustifolia</i> (Cav.) G. Don	narrowleaf globemallow	N	FP	31811	Noticed on gravel bar near bridge.
Malvaceae	<i>Sphaeralcea</i> sp.	[pink-flowered] globemallow	N	FP	31800	Disturbed dry slope on S edge of Railroad Pond.

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Nyctaginaceae	<i>Acleisanthes chenopodioides</i> (Gray) R.A Levin [<i>Ammocodon chenopodioides</i> Gray]	goosefoot moonpod	N	FP	31841	Rare in shrubland on slopes.
Nyctaginaceae	<i>Acleisanthes longiflora</i> Gray	angel trumpets	N	FP	31308, 31580	Occasional on upland sites of all kinds.
Nyctaginaceae	<i>Allionia incarnata</i> L.	trailing four-o'clock	N	FP	31588	Occasional to common throughout.
Nyctaginaceae	<i>Boerhavia intermedia</i> M. E. Jones	fivewing spiderling	N	FP	31532, 31774, 32474	Common throughout.
Nyctaginaceae	<i>Boerhavia coccinea</i> Mill.	scarlet spiderling	N	FP	31291, 31489	Occasional on road edges.
Nyctaginaceae	<i>Cyphomeris gypsophiloides</i> (Mart. & Gal.) Standl.	red cyphomeris	N	FP	31824	Rare in shrublands on slopes.
Nyctaginaceae	<i>Mirabilis linearis</i> (Pursh) Heimerl	narrowleaf four-o'clock	N	FP	31530	Rare in woodland along Alamito Creek.
Oleaceae	<i>Forestiera angustifolia</i> Torr.	panalero, narrowleaf elbowbush	N	S		Occasional throughout but mostly on stream terrace and banks.
Oleaceae	<i>Fraxinus velutina</i> Torr.	velvet ash	N	T	30162	Minor component of riparian woodland along Alamito Creek.
Oleaceae	<i>Menodora scabra</i> Gray	rough menodora	N	FP	31268, 34330	Rare on stony uplands.
Onagraceae	<i>Gaura coccinea</i> Nutt.	scarlet bee-blossom	N	FP	31784	Localized on outcrops of white calcareous rock, mostly on slopes just NW of HQ.
Onagraceae	<i>Oenothera primiveris</i> Gray	evening-primrose	N	FA		Gravel bars along Alamito Creek.
Papaveraceae	<i>Argemone chisoensis</i> Ownbey	Chisos prickly-poppy	N	FA	34278	Rare on gravel bars in dry bed of Alamito Creek
Pedeliaceae	<i>Proboscidea fragrans</i> (Mill.) Thell.	devil's claw	N	FA	31535	Frequent on valley flats and in dry washes.
Poaceae	<i>Aristida adscencionis</i> L.	sixweeks threeawn	N	GA	31285-B	Frequent in various habitats; locally abundant in some upland sites.
Poaceae	<i>Aristida purpurea</i> Nutt.	threeawn	N	GP		Occasional on rocky slopes and ridges.
Poaceae	<i>Aristida ternipes</i> Cav.	spider threeawn	N	GA		Occasional on rocky slopes and ridges.
Poaceae	<i>Bothriochloa barbinodis</i> (Lag.) Herter	cane bluestem	N	GP	31524	Occasional in deeper soils on stream terraces.

Family	Scientific Name	Common Name	Nat.	Form	Vouchers	Comments
Poaceae	<i>Bothriochloa ischaemum</i> (L.) Keng	King Ranch bluestem	E	GP	34320	Occasional on gravel bars and open terraces along Alamito Creek.
Poaceae	<i>Bouteloua aristidoides</i> (Kunth) Griseb.	needle threeawn	N	GA	31264, 31508, 31830	Common on much of ranch.
Poaceae	<i>Bouteloua barbata</i> Lag. [<i>Chondrosum barbatum</i> (Lag.) Clayton]	sixweeks grama	N	GP	31307, 31523	Frequent in various habitats.
Poaceae	<i>Bouteloua curtipendula</i> (Michx.) Torr.	sideoats grama	N	GP	31493	Frequent in various habitats.
Poaceae	<i>Bouteloua eriopoda</i> (Torr.) Torr.	black grama	N	GP	31838, 31842	Common in grasslands, usually among shrubs.
Poaceae	<i>Bouteloua gracilis</i> (H.B.K.) Lag. ex Steud. [<i>Chondrosum gracile</i> H.B.K.]	blue grama	N	GP		Occasional in grasslands.
Poaceae	<i>Bouteloua ramosa</i> (Scribn. ex Vasey) [<i>Chondrosum ramosum</i> (Scribn. ex Vasey) R. B. Shaw]	chino grama	N	GP	34326	Rare on gravelly slopes.
Poaceae	<i>Cathetecum erectum</i> Vasey & Hack.	false grama	N	GP		Observed by Lynn Loomis on hill NW of HQ.
Poaceae	<i>Cenchrus spinifex</i> Cav.	sandbur	N	GP	31522	Occasional in sandy creekbeds.
Poaceae	<i>Chloris crinita</i> Lag.	false Rhodesgrass	N	GP	34269	Noticed in gullies on eroded silty terrace along Alamito Creek.
Poaceae	<i>Chloris</i> sp.	chloris	N?	GA	31274	Drainage ditch N of camp (HQ).
Poaceae	<i>Chloris virgata</i> Sw.	showy chloris	N	GA	31851	Terraces along Alamito Creek.
Poaceae	<i>Cottea pappophoroides</i> Kunth	cotta grass	N	GP	31491	Noted only among shrubs along dry wash N of camp (HQ).
Poaceae	<i>Cynodon dactylon</i> (L.) Pers.	Bermudagrass	E	GP	31510, 31781	Abundant on terraces along Alamito Creek and in dry washes; also along margin of Railroad Pond.
Poaceae	<i>Dasyochloa pulchella</i> (Kunth) Willd. ex Rydb.	fluffgrass	N	GP	31280, 31509, 31577	Occasional on stony uplands.
Poaceae	<i>Digitaria californica</i> (Benth.) Henr. [<i>Trichachne californica</i> (Benth.) Chase]	California cottontop	N	GP	31276	Occasional throughout.
Poaceae	<i>Digitaria cognata</i> (Schult.) Pilg.	fall witchgrass	N	GP	31758	Occasional in shrublands on slopes.

Family	Scientific Name	Common Name	Nat.	Form	Vouchers	Comments
Poaceae	<i>Echinochloa colona</i> (L.) Link	jungerice, barnyardgrass	E	GA		Wet soils along margin of Railroad Pond and pond (tank) on west side of St. Rt. 169.
Poaceae	<i>Enneapogon desvauxii</i> Beauv.	feather pappusgrass, nine-awn pappusgrass	N	GP	31502, 31579	Locally common in upland shrublands.
Poaceae	<i>Eragrostis cilianensis</i> (All.) Janchen	stinking lovegrass, stinkgrass	N	GA	31498, 34333	Occasional around ponds and in disturbed soils along creek.
Poaceae	<i>Eragrostis lehmanniana</i> Nees	Lehmann lovegrass	E	GP	31293	Occasional to common throughout.
Poaceae	<i>Eragrostis mexicana</i> (Hornem) Link.	Mexican lovegrass	N	GA	31259	Occasional around ponds.
Poaceae	<i>Eragrostis pectinacea</i> (Michx.) Nees ex Steud.	spreading lovegrass	N	GA	34316, 34334	Occasional around ponds and in disturbed soils along creek.
Poaceae	<i>Eragrostis</i> sp.	lovegrass	N?	GA?	31260	Collected at Railroad Pond.
Poaceae	<i>Eragrostis</i> sp.	lovegrass	N?	GA?	31512	Gravel bar in Alamito Creek.
Poaceae	<i>Eriochloa acuminata</i> (J. Presl) Kunth	tapertip cupgrass	N	FP	31821, 34274	Gravel beds in Alamito and Matonoso creeks.
Poaceae	<i>Heteropogon contortus</i> (L.) Beauv. ex Roem & Schult.	tanglehead	N	GP	31487-B	Noted along dry wash N of HQ.
Poaceae	<i>Leptochloa fusca</i> (L.) Kunth ssp. <i>fascicularis</i> (Lam.) N. Snow [<i>Leptochloa fascicularis</i> (Lam.) Gray]	bearded sprangletop	N	GA	31258, 31573, 34332	Rare, observed only around stock ponds.
Poaceae	<i>Leptochloa viscida</i> (Scribn.) Beal	Sonoran sprangletop	N	GA	31749	Collected along nameless short tributary to Alamito Creek just E of railroad bridge
Poaceae	<i>Muhlenbergia porteri</i> Scribn. ex Beal	bush muhly	N	GP	31571	Rare in shrubs in upland shrubland.
Poaceae	<i>Munroa squarrosa</i> (Nutt.) Torr.	false buffalograss	N	GA		Noticed on gravelly hill NW of HQ.
Poaceae	<i>Panicum hallii</i> Vasey	Hall's panicum	N	GP	31761	Occasional to locally common in shrublands on gravelly slopes.
Poaceae	<i>Panicum hirticaule</i> J. Presl	Mexican panicgrass	N	GA	31846	Encountered in shrubland on rocky slope.
Poaceae	<i>Panicum obtusum</i> Kunth	vine-mesquite	N	GP	31828	Occasional in grasslands on deeper soils.
Poaceae	<i>Pappophorum bicolor</i> Fourn.	whiplash pappusgrass	N	GP	31772	Observed in one location, in heavily utilized pasture on flats along Matonoso Creek.
Poaceae	<i>Paspalum dilatatum</i> Poir.	dallisgrass	E	GP	31779, 34273	Rare in moist soil under cottonwoods along pool in creek.

Family	Scientific Name	Common Name	Nat.	Form	Vouchers	Comments
Poaceae	<i>Paspalum distichum</i> L.	knotgrass	N	GP	31256	Rare, observed only in wet soils along creek and at Railroad Pond.
Poaceae	<i>Pleuraphis mutica</i> Buckl. [<i>Hilaria mutica</i> (Buckl.) Benth.]	tobosa	N	GP	31837	Occasional colonies on deeper soils; locally abundant on heavily utilized flat on W side of pond (tank) on west side of St. Rt. 169 (good source for seed).
Poaceae	<i>Setaria leucopila</i> (Scribn. & Merr.) K. Schum.	southwestern bristlegrass	N	GP	31277, 31505, 31585	Occasional throughout.
Poaceae	<i>Setaria scheelei</i> A. S. Hitchc.,	Scheele's tall bristlegrass	N	GP	31748	Common in mesic microsites along drainageways.
Poaceae	<i>Sorghum halepense</i> (L.) Pers.	Johnsongrass	E	GP	31829	Rare, noticed near windmill in Matonosos Creek pasture.
Poaceae	<i>Sporobolus cryptandrus</i> (Torr.) Gray	sand dropseed	N	GP	31832	Scattered on terraces and valley flats; rare in upland sites.
Poaceae	<i>Sporobolus wrightii</i> Munro ex Scribn.	big alkali sacaton	N	GP	30156	Common and very conspicuous on terraces along Alamito Creek and tributaries.
Poaceae	<i>Tridens albescens</i> (Vasey) Woot. & Standl.	white tridens	N	GP		Collected from mudflat around pond (tank) on west side of St. Rt. 169.
Poaceae	<i>Tridens muticus</i> (Torr.) Nash	slim tridens	N	GP	31759	Occasional on rocky slopes.
Poaceae	<i>Urochloa arizonica</i> (Scribn. & Merr.) Morrone & Zuloaga [<i>Brachiaria arizonica</i> (Scribn. & Merr.) S. T. Blake; <i>Panicum arizonicum</i> Scribn. & Merr.]	Arizona signalgrass	N	GA	31301	Rare in dry wash.
Poaceae	<i>Urochloa fusca</i> (Sw.) B. F. Hansen & Wunderlin [<i>Urochloa fasciculata</i> (Sw.) R. D. Webster; <i>Panicum fasciculatum</i> Sw.]	browntop signalgrass	N	GA	31275, 31506	Along creek terrace and drainageways.
Polemoniaceae	<i>Giliastrum rigidulum</i> (Benth.) Rydb. [<i>Gilia rigidula</i> Benth.]	blue gilia	N	FP	30160,, 31302, 34323	Rare on conglomerate outcrop along dry wash.
Polygalaceae	<i>Polygala barbeyana</i> Chod.	Barbey's milkwort	N	FP	31267	Rare on conglomerate outcrop along dry wash.
Polygalaceae	<i>Polygala lindheimeri</i> Gray var. <i>parvifolia</i> Wheelock	Tweedy's milkwort	N	FP	31785	Localized on outcrops of white calcareous rock, mostly on slopes just NW of HQ.

Family	Scientific Name	Common Name	Nat.	Form	Vouchers	Comments
Polygalaceae	<i>Polygala macradenia</i> Gray	glandleaf milkwort	N	FP		Noticed on gravelly hill NW of HQ.
Polygonaceae	<i>Eriogonum abertianum</i> Torr.	Abert's buckwheat	N	FP	30171, 31525	Occasional on gravel bars along Alamito Creek.
Polygonaceae	<i>Eriogonum wrightii</i> Torr. ex Benth.	Wright's buckwheat	N	FP	31822	Rare on rocky N-facing slope.
Portulacaceae	<i>Portulaca oleracea</i> L.	common portulaca	N	FA	31282	Rare in dry wash.
Portulacaceae	<i>Portulaca pilosa</i> L.	chisme, shaggy portulaca	N	FA	34327	Rare on rocky uplands.
Portulacaceae	<i>Talinopsis frutescens</i> Gray	arroyo flameflower	N	FP	31783	Localized on outcrops of white calcareous rock, mostly on slopes just NW of HQ.
Portulacaceae	<i>Talinum aurantiacum</i> Engelm.	orange flameflower	N	FP	31845	Occasional throughout.
Potamogetonaceae	<i>Stuckenia pectinata</i> (L.) Börner [<i>Potamogeton pectinatus</i> L.]	sago pondweed	N	FQ	31570	Submersed in stock pond at windmill in NW corner of ranch.
Pteridaceae	<i>Astrolepis cochiniensis</i> (Goodding) Benham & Windham	jimmyfern	N	PP	31270	Rare on rocky slopes.
Ranunculaceae	<i>Clematis drummondii</i> T. & G.	barba de chivato, old man's beard	N	FPV	31515	Occasional among shrubs along creek and drainageways.
Resedaceae	<i>Oligomeris linifolia</i> (Vahl) J. F. MacBr.	lineleaf whitepuff	N	FP	30151	Occasional on gravel bars along Alamito Creek.
Rhamnaceae	<i>Condalia ericoides</i> (Gray) M. C. Johnston [<i>Microrhamnus ericoides</i> Gray]	javelina-bush	N	S		Occasional on stony uplands.
Rhamnaceae	<i>Ziziphus obtusifolia</i> (Hook. ex T. & G.) Gray	lotebush	N	S		Occasional throughout.
Rosaceae	<i>Fallugia paradoxa</i> (D. Don) Endl. ex Torr.	Apache plume	N	S		Occasional in streambeds.
Rubiaceae	<i>Cephalanthus occidentalis</i> L.	buttonbush	N	S	34317	Rare along Alamito Creek.
Rubiaceae	<i>Hedyotis</i> sp.	bluet	N	FP		Rare under shrubs on upper slope of canyon.
Salicaceae	<i>Populus fremontii</i> S. Wats.	Arizona cottonwood	N	T		Common and conspicuous along Alamito Creek.
Salicaceae	<i>Salix gooddingii</i> Ball	Goodding willow	N	T	30161, 34318	Occasional along Alamito Creek.
Salicaceae	<i>Salix</i> sp. , perhaps <i>S. taxifolia</i> Kunth	willow	N	T	31802, 34319	A smaller willow with shorter leaves; occasional along Alamito Creek.
Sapindaceae	<i>Sapindus saponaria</i> var. <i>drummondii</i> (Hook. & Arn.) L. D. Benson	western soapberry	N	T		Common along drainages.
Scrophulariaceae	<i>Maurandya antirrhiniflora</i> Willd.	snapdragonvine	N	FPV		Rare in shrubland along dry wash.

Family	Scientific Name	Common Name	Nat.	Form	Vouchers	Comments
Solanaceae	<i>Calibrachoa parviflora</i> (Juss.) D'Arcy	mudflat petunia	N	FA	31807	Mudflat along margin of Railroad Pond.
Solanaceae	<i>Chamaesaracha villosa</i> Rydb.	clammy false ground-cherry	N	FA	31752	Noticed in one dry wash.
Solanaceae	<i>Datura quercifolia</i> Kunth	oakleaf datura , jimsonweed	N	FA		Rare on gravel bar at bridge.
Solanaceae	<i>Datura wrightii</i> Regel	sacred thorn-apple, jimsonweed	N	FA	31572, 31820	Occasional in dry streambeds.
Solanaceae	<i>Lycium torreyi</i> Gray	wolfberry	N	S	30159, 31817	Occasional in shrub thickets on stream terrace and in canyons.
Solanaceae	<i>Margaranthus solanaceus</i> Schlecht.	netted globeberry	N	FA	31751	Gravel /silt bars along Alamito Creek and tributaries
Solanaceae	<i>Nicotiana obtusifolia</i> Mertens & Galeotti [<i>N. trigonophylla</i> Dun.]	desert tobacco	N	FP	31300, 31768	Scattered throughout but mostly n dry washes.
Solanaceae	<i>Physalis cinerascens</i> (Dunal) A. S. Hitchc.	clammy ground-cherry	N	FP	31826	Occasional in disturbed sites.
Solanaceae	<i>Quincula lobata</i> (Torr.) Raf.		N	FA	31816	Rare in roadbeds and other disturbed soils.
Solanaceae	<i>Solanum citrullifolium</i> A. Br.	melon-leaf nightshade	N	FP	31534	Common on gravel bars along Alamito Creek; also in dry washes and disturbed sites.
Solanaceae	<i>Solanum elaeagnifolium</i> Cav.	silverleaf nightshade	N	FP	31537	Occasional throughout.
Solanaceae	<i>Solanum rostratum</i> Dun.	buffalobur	N	FA	31538	Observed on gravel / silt bars along Alamito Creek.
Ulmaceae	<i>Celtis reticulata</i> Torr.	netleaf hackberry	N	T		Rare in woodland along Alamito Creek and in various canyon bottoms.
Verbenaceae	<i>Aloysia gratissima</i> (Gillies & Hook.) Troncoso	bee-balm	N	S	31518	Along Alamito Creek and on disturbed valley flat near camp (HQ).
Verbenaceae	<i>Aloysia wrightii</i> Heller ex Abrams	Wright's beebrush	N	S	31762	Shrublands on creekbanks and valley flats.
Verbenaceae	<i>Glandularia wrightii</i> (Gray) Umber [<i>Verbena wrightii</i> Gray]	Wright's vervain	N	FA		Occasional throughout.
Verbenaceae	<i>Tetradlea coulteri</i> Gray	Coulter's wrinklefruit	N	FP		Noted in bed of road through upland shrubland.
Verbenaceae	<i>Verbena neomexicana</i> (Gray) Small.	New Mexico vervain	N	FP	31490	Occasional throughout.
Zannichelliaceae	<i>Zannichellia palustris</i> L.	horned pondweed	N	FQ	31569	Submersed in stock pond at windmill in NW corner of ranch.
Zygophyllaceae	<i>Guaiacum angustifolium</i> Engelm.	guayacán	N	S		Rare on bank of Alamito Creek.
Zygophyllaceae	<i>Kallstroemia parviflora</i> Nort.	warty caltrop	N	FA	31314	Frequent throughout.

Family	Scientific Name	Common Name	Nat.	Form	Vouchers	Comments
Zygophyllaceae	<i>Larrea tridentata</i> (Sesse & Moc. ex DC.) Coville	creosote-bush	N	S	31306	Common in many areas.
Zygophyllaceae	<i>Tribulus terrestris</i> L.	puncture-vine	E	FA	31529	Gravel bars and disturbed sites.

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