Update to: Vascular Plants
of
Lyndon B. Johnson National Historical Park
Blanco and Gillespie Counties, Texas

ADDENDUM

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Blanco and Gillespie Counties, Texas

INTRODUCTION AND SUMMARY

July to October, 2005, Dr. Roger Sanders, the Principle Investigator and author of a 2005 supplemental floristic inventory of vascular plant species occurring in Lyndon B. Johnson National Historical Park (LYJO) (Sanders 2005), was involved with a project to map the vegetation at LYJO and the adjoining Lyndon B. Johnson State Park and Historic Site (LBJ State Park). Although this project did not directly involve a vouchered-based inventory of plants, a few plant specimens were collected to aid in the correct identification of recorded plants.

Six specimens were made and one additional species was recorded for LYJO. This brings the total number of native and cultivated species (including distinct varieties, hybrids, and cultivars) in the park to 610. Furthermore, nine specimens from LBJ State Park were collected and added to the herbarium at LYJO. Data for all 15 specimens has been added to the Automated National Cataloging System Plus (ANCS+) database maintained at LYJO by National Park Service.

METHODS

There was no inventory sampling protocol. Collection depended on the sampling protocol of the mapping project. That is, vegetation sampling plots were placed in representative sites of preliminarily delineated communities. Because the plots were established without regard for the phenology of only the dominant species, non dominants were often at growth stages making species identification difficult. Thus, vouchers were collected for identification in the herbarium laboratory. Also, a few previously unencountered species were found and needed to be identified and were likewise collected .

Vouchers resulted from data gathering from plots during two field sessions:

- Session 1 – August 22-26, 2005 - LYJO & LBJ SP.
- Session 2 – October 17-20, 2005 - LYJO & LBJ SP.

In cases were the collection was made in duplicate, the original set of specimens is housed at LYJO, the second set at the Botanical Research Institute of Texas (BRIT).

Identifications were made by: 1) consulting floras pertinent for the region (Correll & Johnston, 1970; Diggs et al., 1999), and 2) by comparing with authoritatively annotated specimens in the BRIT herbarium. Nomenclature generally follows Diggs et al. (1999) and Kartesz & Meacham (1999).

RESULTS

Checklist development

Appendix 1 summarizes the total known flora of LYJO. One species, *Liatris mucronata* [sharp gayfeather], is newly recorded for LYJO, having been found along the airstrip on the LBJ ranch.

Furthermore, *Ligustrum japonicum* [Japanese privit], which had been documented previously as a cultivated plant, was documented at occurring spontaneously along Town Creek in Johnson City. The updated checklist includes 473 naturally occurring species, of which 21 were also cultivated at LYJO. It also includes 137 species observed only in cultivation in LYJO. Thus, the total number of vouchered species from LYJO is currently 610 (in which distinct varieties, hybrids, and cultivars are numbered separately within that count).

Diversity Summary

The only change this addendum makes in the diversity patterns is to increase the number of species in the Asteraceae from 84 to 85.

Specimen data

Collection data (in the form of a Microsoft Excel file for transfer into the Automated National Cataloging System Plus [ANCS+]) were submitted November 25 to Virginia Kilby, Chief Curator, LYJO, and are not included in this report. The species collected during the mapping project and collections numbers that voucher them are provided in **Appendix 2.** Likewise, for the species collected within the LBJ State Park, the data are given in **Appendix 3.**

ACKNOWLEDGMENTS

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Appendix 1. November 2005 Updated Checklist of Vascular Plant Species collected in Lyndon Baines Johnson National Historic Park and verified by Roger Sanders, with nativity, relative abundance, and park units in which species were observed.

Nativity Codes: N=Native to the Edwards Plateau; E=Exotic within the Edwards Plateau, N?=Generally treated as native to the Edwards Plateau but some disagreement exists; E?=Generally treated as exotic within the Edwards Plateau but some disagreement exists. Some species listed may be native in general, but populations on the park are clearly non-native cultivars and are thus listed as exotic.

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Acanthaceae	Acanth Family			
Anisacanthus wrightii (Torr.) A. Gray (A. quadifidus (Vahl) Nees var. wrightii)	hummingbird-bush	N	Cultivated	Both units
Dicliptera brachiata (Pursh) Spreng.	false mint	N	Uncommon	Ranch
Justicia americana (L.)Vahl	water-willow, American	N	Uncommon	Ranch
Ruellia brittoniana E. Leonard. cv. Katie's	wild-petunia, Katie's dwarf	E	Cultivated	Johnson C.
Ruellia brittoniana E. Leonard. pink-flowered cultivar	wild-petunia, pink willow-leaf	E	Cultivated	Johnson C.
Ruellia drummondiana (Nees) A.Gray	wild-petunia, Drummond's	N	Uncommon	Ranch
Ruellia malacosperma Greenman.	wild-petunia, soft-seed	E	Cultivated	Ranch
Ruellia metziae Tharp.	wild-petunia, white	N	Uncommon	Ranch
Ruellia nudiflora (Engelm. & A. Gray) Urban	wild-petunia, showy	N	Uncommon	Both units
Ruellia occidentalis (A. Gray) Tharp & Barkley	wild-petunia, Western	E	Cultivated	Johnson C.
Siphonoglossa pilosella (Nees) Torr. (=Justicia pilosella)	tubetongue, hairy	N	Uncommon	Ranch
Aceraceae	Maple Family			
Acer grandidentatum Nutt.	maple, large-tooth	N	Cultivated	Ranch
Agavaceae	Agave Family			
Hesperaloe parviflora (Torr.) J.M. Coult.	yucca, red	E	Cultivated	Both units
Yucca arkansana Trel.	yucca, Arkansas	N	Cultivated	Ranch
Yucca constricta Buckley	yucca, Buckley's	N	Cultivated	Ranch
Yucca flaccida Haw.	yucca, soft-leaf	E	Cultivated	Johnson C.
Yucca rupicola Scheele	yucca, twist-leaf	N	Uncommon, Cultivated	Ranch
Yucca torreyi Shafer	yucca, Torrey's	N	Cultivated	Both units
Amaranthaceae	Amaranth Family			
Alternanthera caracasana Kunth	chaff-flower, mat	N	Uncommon	Ranch
Amaranthus albus L.	amaranth, tumbleweed	N	Uncommon	Both units

Scientific Name (Synonyms)	Common Name	Native/Exoti	Abundance	Park Unit
Amaranthus palmeri S. Wats.	amaranth, Palmer's	N	Uncommon	Both units
Amaranthus polygonoides L.	amaranth, tropical	N	Uncommon	Johnson C.
Amaranthus rudis J.D. Sauer	water-hem	N	Uncommon	Johnson C.
Froelichia gracilis (Hook.) Moq.	snake-cotton, slender	N	Uncommon	Johnson C.
Amaryllidaceae	**Amaryllis Family**			
Cooperia drummondii Herb.	rainlily, common	N	Uncommon	Johnson C.
Cooperia pedunculata Herb. (=Zephyranthes drummondii)	rain-lily, giant	N	Uncommon	Ranch
Crinum scabrum Herb.	milk-and-wine-lily	E	Cultivated	Johnson C.
Hippeastrum advena (Ker.-Gawl.) Herb. (=Rhodophiala advena)	oxblood lily	E	Cultivated	Johnson C.
Anacardiaceae	**Sumac Family**			
Pistacia texana Swingle	pistachio, Mexican	E	Cultivated	Ranch
Rhus lanceolata (A. Gray) Britt.	sumac, lanceleaf	N	Uncommon	Johnson C.
Rhus virens A. Gray	sumac, evergreen; lentisco	N	Cultivated	Johnson C.
Toxicodendron radicans (L.) Kuntze (=Rhus radicans)	ivy, poison	N	Common	Both units
Apiaceae	**Celery or Umbel Family**			
Bifora americana (DC.) S. Wats.	bishop, prairie	N	Uncommon	Ranch
Chaerophyllum tainturieri Hook.	chervil	N	Common	Both units
Conium maculatum L.	poison-hemlock	E	Uncommon	Ranch
Coriandrum sativum L.	cilantro; coriander	E	Cultivated	Ranch
Daucus pusillus Michx.	seedticks; rattlesnake-weed	N	Uncommon	Johnson C.
Hydrocotyle verticillata Thunb var. verticillata	pennywort, whorled	N	Uncommon	Both units
Polytaenia nuttallii DC. (incl. P. texana)	parsley, prairie	N	Uncommon	Both units
Ptilimnium capillaceum (Michx.) Raf.	herb-william	N	Uncommon	Johnson C.
Spermolepis inermis (Nutt.) Math. & Const.	scaleseed, spreading	N	Uncommon	Johnson C.
Torilis arvensis (Huds.) Link.	hedge-parsley, beggerlice	E	Common	Both units
Torilis nodosa (L.) Gaertn.	hedge-parsley, knotted	E	Uncommon	Johnson C.
Apocynaceae	**Dogbane Family**			
Nerium oleander L.	oleander	E	Cultivated	Johnson C.
Vinca minor L.	periwinkle, common	E	Cultivated	Both units
Aquifoliaceae	**Holly Family**			
Ilex cornuta Lindl. var. burfordii DeFrance	holly, spineless Chinese	E	Cultivated	Ranch
Ilex decidua Walt.	holly, deciduous	N	Common	Johnson C.

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Ilex vomitoria Sol. in Ait.	holly, yaupon	N	Cultivated	Both units
Araceae	Arum Family			
Caladium bicolor Vent.	caladium	E	Cultivated	Ranch
Araliaceae	Gingsing Family			
Hedera helix L.	ivy, English	E	Cultivated	Johnson C.
Asclepiadaceae	Milkweed Family			
Asclepias asperula (Dcne.) Woods. (incl. A. capricornu Woodson)	antelope-horns, trailing	N	Common	Both units
Asclepias oenotheroides Cham. & Schltdl.	milkweed, side-cluster	N	Uncommon	Both units
Cynanchum laeve (Michx). Pers.	bluevine	N	Uncommon	Ranch
Cynanchum unifarium (Scheele) Woodson (=C. racemosum (Jacq.) Jacq. var. unifarium)	talayote	N	Uncommon	Johnson C.
Matelea biflora (Raf.) Woods.	milkweed, two-flowered	N	Uncommon	Both units
Matelea reticulata (A. Gray) Woodson	milkvine, green	N	Uncommon	Johnson C.
Aspleniaceae	Spleenwort Family			
Cyrtomium falcatum Presl.	holly-fern, house	E	Cultivated	Ranch
Asteraceae	Sunflower or Composite Family			
Achillea millefolium L.	yarrow	N?	Cultivated	Johnson C.
Amblyolepis setigera DC.	daisy, huisache	N	Uncommon	Ranch
Ambrosia artemisiifolia L.	ragweed, common	N	Uncommon	Johnson C.
Ambrosia psilostachya DC.	ragweed, Western	N	Abundant	Both units
Ambrosia trifida L. var. texana Scheele	ragweed, giant	N	Uncommon	Ranch
Aphanostephus riddellii Torr. & A. Gray	daisy, riddell's lazy	N	Uncommon	Ranch
Artemesia dracunculus L.	tarragon	E	Cultivated	Johnson C.
Aster ericoides L.	aster, heath	N	Uncommon	Johnson C.
Aster oblongifolius Nutt.	aster, oblong-leaf	N	Cultivated	Both units
Aster praealtus Poir.	aster, tall	N	Rare	Johnson C.
Aster subulatus Michx. var. ligulatus Shinners	aster, broom	N	Uncommon	Both units
Baccharis neglecta Britt.	Roosevelt-weed	N	Uncommon	Ranch
Berlandiera betonicifolia (Hook.) Small (=B. texana DC.)	greeneyes, Texas	N	Uncommon	Ranch
Calyptocarpus vialis Less.	lawnflower	N	Common	Both units
Carduus nutans L.	thistle, musk	E	Uncommon	Both units
Carduus tenuiflorus Curtis	thistle, slender bristle	E	Uncommon	Johnson C.
Centaurea americana Nutt.	basketflower, American	N	Uncommon	Ranch

Scientific Name (Synonyms)	Common Name	Native/Exoti	Abundance	Park Unit
Centaurea melitensis L.	star-thistle, short-spine	E	Uncommon	Both units
Chaetopappa asteroides DC.	daisy, least	N	Uncommon	Johnson C.
Chaptalia texana Greene	silverpuff	N	Uncommon	Johnson C.
Chlorocantha spinosa (Benth.) G.L. Nesom (=Aster spinosa)	aster, spiny	N	Rare	Ranch
Chrysanthemum leucanthemum L. (=Leucanthemum vulgare Lam.)	daisy, ox-eye	E	Uncommon, Cultivated	Ranch
Chrysanthemum X morifolium Ramat.	chrysanthemum, garden	E	Cultivated	Ranch
Cirsium texanum Buckl.	thistle, Texas	N	Common	Both units
Cirsium undulatum (Nutt.) Spreng.	thistle, wavyleaf	N	Uncommon	Johnson C.
Conoclinium coelestinum (L.) DC. (=Eupatorium coelestinum L.)	mistflower, common	N	Rare	Ranch
Conoclinium dissectum A. Gray (=Eupatorium greggii, Conoclinium g.)	mistflower, cutleaf	E	Cultivated	Ranch
Conyza candensis (L.) Cronq.	horseweed	N	Uncommon	Johnson C.
Coreopsis lanceolata L..	coreopsis, lance	E	Cultivated	Ranch
Coreopsis wrightii (A. Gray) H. M. Parker	coreopsis, rock	N	Uncommon	Ranch
Dracopis amplexicaulis (Vahl) Cass.	coneflower, clasping	N	Uncommon	Ranch
Dyssodia tenuiloba (DC.) Robins. var. tenuiloba	foetid-marigold	N	Uncommon	Ranch
Echinacea purpurea (L.) Moench.	coneflower, purple	E	Cultivated	Ranch
Eclipta prostrata (L.) L. (= E. alba)	yerba de tago	N	Uncommon	Ranch
Engelmannia pinnatifida A. Gray (=E. peristenia (Raf.) Goodman & Lawson)	daisy, Engelmann	N	Uncommon	Johnson C.
Erigeron modestus A. Gray	fleabane, gray	N	Common	Both units
Erigeron philadelphicus L.	fleabane, clasping-leaf	N	Uncommon	Ranch
Erigeron strigosus Willd.	fleabane, prairie	N	Uncommon	Johnson C.
Eupatorium havanense Kunth.	boneset, shrubby	N	Cultivated	Ranch
Eupatorium serotinum Michx.	boneset, late	N	Uncommon	Ranch
Evax prolifera Nutt.	rabbit-tobacco, bighead; cotton-rose	N	Common	Both units
Evax verna Raf.	rabbit-tobacco, common	N	Common	Both units
Facelis retusa (Lam.) Sch. Bip.	facelis	E	Common	Both units
Gaillardia pulchella Foug.	Indian-blanket, prairie	N	Common	Both units
Gamochaeta antillana (Urban) Anderberg	cudweed, Antilles	E	Uncommon	Johnson C.
Gamochaeta pensylvanica (Willd.) Cabrera (=Gnaphalium p.)	cudweed, Eastern	N	Uncommon	Johnson C.

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Grindelia nuda A.W. Wood	gumweed, rayless	N	Uncommon	Johnson C.
Gutierrezia texana (DC.) T. & G.	broomweed, Texas	N	Common	Both units
Helenium amarum (Raf.) H. Rock var. amarum	sneezeweed or bitterweed, yellow	N	Uncommon	Johnson C.
Helenium amarum (Raf.) H. Rock var. badium (S. Watson) Waterfall	sneezeweed, basin	N	Uncommon	Both units
Helenium elegans DC.	sneezeweed, tall	N	Uncommon	Ranch
Helianthus annuus L.	sunflower, common	N	Uncommon	Johnson C.
Helianthus maximiliani Schrad.	sunflower, Maximilian	N	Uncommon	Johnson C.
Heterotheca canescens (DC.) Shiners	goldenaster, gray	N	Uncommon	Both units
Heterotheca subaxillaris (Lam.) Britt. & Rusby	daisy, camphor	N	Uncommon	Both units
Hymenopappus scabiosaeus L'Her. var. corymbosus (T.& G.) Turner	old-plainsman	N	Uncommon	Ranch
Iva angustifolia DC.	sumpweed, rag	N	Abundant	Both units
Krigia cespitosa (Raf.) Chambers	dandelion, weedy dwarf	N	Uncommon	Ranch
Krigia wrightii (A. Gray) Chambers & Kim	dandelion, Wright's dwarf	N	Uncommon	Johnson C.
Lactuca serriola L.	lettuce, prickly wild	E	Uncommon	Both units
Liatris mucronata DC.	gayfeather, sharp	N	Uncommon	Ranch
Lindheimera texana Engelm. & Gray	Texas-star	N	Uncommon	Ranch
Lygodesmia texana (T. & G.) Greene	skeleton-plant, Texas	N	Uncommon	Both units
Melampodium leucanthum T. & G.	daisy, rock	N	Uncommon	Ranch
Pluchea odorata (L.) Cass.	stinkweed, purple	N	Uncommon	Ranch
Pseudognaphalium luteoalbum (L.) Hilliard & Burtt (=Gnaphalium l.)	cudweed	N	Rare	Ranch
Pyrrhopappus pauciflorus (D. Don) DC.	dandelion, wild	N	Common	Both units
Ratibida columnifera (Nutt.) Woot. & Standl.	coneflower, prairie	N	Common	Both units
Rudbeckia hirta L. var. pulcherrima Farw.	black-eyed Susan	N	Uncommon	Johnson C.
Silphium radula Nutt. (=S. asperrimum)	rosinweed, roughstem	N	Rare	Johnson C.
Solidago canadensis L.	goldenrod, common	N	Common	Both units
Solidago gigantea Ait.	goldenrod, giant	N	Uncommon	Ranch
Sonchus asper (L.) Hill	sowthistle, prickly	E	Common	Both units
Sonchus oleraceus L.	sowthistle, common	E	Common	Both units
Tagetes lemmoni A. Gray	marigold, shrub	E	Cultivated	Ranch
Taraxacum officinale Wiggers	dandelion, common	E	Common	Both units
Tetraneuris linearifolia (Hook.) Greene (=Hymenoxys linearifolia)	bitterweed	N	Uncommon	Ranch

Scientific Name (Synonyms)	Common Name	Native/Exoti	Abundance	Park Unit
Tetraneuris scaposa (DC.) Greene (=Hymenoxys s.)	bitterweed, rock; yellow paper-flower	N	Common	Both units
Thelesperma filifolium (Hook.) A. Gray	greenthread, common	N	Common	Both units
Thelesperma simplicifolium A. Gray	greenthread, slender	N	Uncommon	Ranch
Verbesina encelioides (Cav.) Benth. & Hook. ex A. Gray	crownbeard, golden; daisy, cowpen	N	Common	Both units
Verbesina virginica L.	frostweed, Virginia	N	Common	Both units
Vernonia baldwinii Torr.	ironweed, Western	N	Uncommon	Both units
Wedelia texana (A. Gray) B.L. Turner (=W. hispida auct., Zexmenia hispida auct.)	wedelia, hairy	N	Uncommon, Cultivated	Both units
Xanthium strumarium L.	cocklebur	N	Common	Both units
Begoniaceae	**Begonia Family**			
Begonia semperflorens Link. & Otto	begonia, wax	E	Cultivated	Ranch
Berberidaceae	**Barberry Family**			
Berberis trifoliolata Moric. (=Mahonia t.)	agarito	N	Uncommon	Both units
Nandina domestica Thunb.	heavenly bamboo	E	Cultivated	Both units
Bignoniaceae	**Trumpet Creeper Family**			
Bignonia capreolata L.	crossvine	E	Cultivated	Ranch
Campsis radicans (L.) Seem.	trumpet-creeper	N	Uncommon	Johnson C.
Catalpa speciosa Warder.	catalpa, Northern; cigartree	E	Cultivated	Johnson C.
Tecoma stans HBK. (=Stenolobium stans)	yellow bells	E	Cultivated	Ranch
Boraginaceae	**Borage Family**			
Buglossoides arvense (L.) I. M. Johnst.	bugloss, false	E	Uncommon	Ranch
Lithospermum incisum Lehm.	puccoon, narrow-leaf	N	Uncommon	Both units
Brassicaceae	**Mustard Family**			
Brassica nigra (L.) Koch	mustard, black	E	Uncommon	Ranch
Capsella bursa-pastoris (L.) Medik.	shepherd's purse	E	Common	Both units
Draba platycarpa Torr. & A. Gray	draba, broad-bod	N	Common	Both units
Lepidium austrinum Small	pepperweed, southern	N	Common	Both units
Lepidium virginicum L.	pepper-grass, common	N	Uncommon	Johnson C.
Lesquerella densiflora (A. Gray) Wats.	bladderpod, dense-flower	N	Uncommon	Ranch
Lesquerella recurvata (Engelm.) Wats.	bladderpod, drooping	N	Uncommon	Both units
Rorippa nasturtium-aquaticum (L.) Hayek (=Nasturtium officinale Ait.)	watercress	E	Uncommon	Ranch
Sisymbrium irio L.	mustard, rocket	E	Uncommon	Ranch

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Sisymbrium officinale (L.) Scop.	mustard, hedge	E	Uncommon	Ranch
Bromeliaceae	**Pineapple Family**			
Tillandsia recurvata (L.) L.	ball-moss	N	Common	Both units
Buxaceae	**Boxwood Family**			
Buxus sempervirens L.	boxwood, common	E	Cultivated	Ranch
Cactaceae	**Cactus Family**			
Opuntia engelmannii Salm-Dyck var. lindheimeri (Engelm.) B. D. Parfitt & Pinkava	prickly-pear, Texas	N	Common	Both units
Opuntia leptocaulis DC. (=Cylindroopuntia l.)	tasajillo; cactus, rat-tail	N	Rare	Ranch
Opuntia macrorhiza Engelm	prickly-pear, plains	N	Common	Both units
Campanulaceae	**Bellflower Family**			
Triodanus perfoliata (L.) Nieuwl. var. biflora (R. & P.) T. R. Bradley (=T. biflora)	Venus' looking-glass, small	N	Common	Johnson C.
Cannaceae	**Canna Family**			
Canna indica L.	canna	E	Cultivated	Johnson C.
Cappar(id)aceae	**Caper Family**			
Polanisia dodecandra (L.) DC. subsp. trachysperma (T. & G.) Iltis (=P. trachy.)	clammyweed	N	Uncommon	Both units
Caprifoliaceae	**Honeysuckle Family**			
Lonicera japonica Thunb.	honeysuckle, Japanese	E	Common	Johnson C.
Lonicera sempervirens L.	honeysuckle, coral	N	Uncommon	Johnson C.
Sambucus nigra L. var. canadensis (L.) Bolli (=S. canadensis)	elderberry	N	Uncommon	Ranch
Viburnum odoratissimum Ker.-Gawl.	viburnum, sweet	E	Cultivated	Ranch
Viburnum rufidulum Raf.	blackhaw, rusty	N	Cultivated	Ranch
Viburnum suspensum Lindl.	viburnum, Liukiu	E	Cultivated	Ranch
Caryophyllaceae	**Carnation Family**			
Arenaria benthamii T & G.	sandwort, hilly	N	Uncommon	Johnson C.
Arenaria serpyllifolia L.	sandwort, thyme-leaf	E	Uncommon	Both units
Cerastium glomeratum Thuill.	chickweed	E	Common	Johnson C.
Dianthus chinensis L.	pink, rainbow	E	Cultivated	Ranch
Polycarpon tetraphyllum L.	manyseed, four-leaf	E	Uncommon	Johnson C.
Silene antirrhina L.	catchfly, sleepy	N	Uncommon	Johnson C.
Stellaria media (L.) Cyr.	chickweed, common	E	Common	Both units

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Celastraceae	Bittersweet Family			
Euonymus japonicus L.	spindle-bush, evergreen	E	Rare	Johnson C.
Ceratophyllaceae	Coon-tail Family			
Ceratophyllum demersum L.	hornwort; coontail	N	Uncommon	Ranch
Chenopodiaceae	Spinach Family			
Chenopodium ambrosioides L.	wormseed	E	Uncommon	Ranch
Chenopodium cf. missouriense Aellan (=C. album L. var. missouriense)	goosefoot, Missouri	E?	Uncommon	Ranch
Chenopodium pratericola Rydb.	goosefoot, thick-leaf	N	Uncommon	Ranch
Commelinaceae	Spiderwort Family			
Commelina erecta L. var. angustifolia Benth.	dayflower, narrow-leaf	N	Common	Both units
Commelina erecta L. var. erecta	dayflower, erect	N	Uncommon	Johnson C.
Tinantia anomala (Torr.) C.B.Clark	widow's-tears	N	Uncommon	Ranch
Tradescantia gigantea Rose	spiderwort, giant	N	Uncommon	Ranch
Convolvulaceae	Morning Glory Family			
Convolvulus equitans Benth.	bindweed, prairie	N	Uncommon	Johnson C.
Cuscuta pentagona Engelm. var. pubescens (Engelm.) Yunck. (=C. glabrior var. p.)	dodder, papillate field	N	Uncommon	Ranch
Dichondra carolinensis Michx. (=D. repens)	pony-foot	N	Abundant	Both units
Evolvulus sericeus Sw.	morning-glory, silky dwarf	N	Common	Both units
Ipomoea cordatotriloba Dennst var. torreyana (A. Gray) D.F. Austin	morning-glory, cotton	N	Uncommon	Johnson C.
Cornaceae	Dogwood Family			
Cornus drummondii Mey.	dogwood, roughleaf	N	Common	Johnson C.
Crassulaceae	Stonecrop Family			
Sedum nuttallianum Raf.	stonecrop, yellow	N	Uncommon	Both units
Sedum cf. tenellum Bieb.	stonecrop	E	Cultivated	Johnson C.
Cucurbitaceae	Cucumber Family			
Cucurbita foetidissima Kunth	gourd, buffalo	N	Uncommon	Both units
Melothria pendula L.	melonette, drooping	N	Uncommon	Ranch
Cupressaceae	Cypress Family			
Juniperus ashei J. Buchholz	cedar, mountain; juniper, Ashe	N	Common	Both units
Juniperus chinensis L.	cedar, Chinese	E	Cultivated	Ranch
Juniperus chinensis L. cv. Pfizer	cedar, spreading Chinese	E	Cultivated	Johnson C.
Juniperus virginiana L. cultivar	cedar, Eastern red	E	Cultivated	Ranch

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Cyperaceae	Sedge Family			
Carex emoryi Dewey	sedge, Emory's	N	Uncommon	Ranch
Carex leavenworthii Dewey	sedge, Leavenworth's	N	Rare	Ranch
Carex microdonta T. & H.	sedge, littletooth	N	Uncommon	Johnson C.
Carex perdentata S. D. Jones	sedge, saw-tooth	N	Rare	Johnson C.
Carex planostachys Kunze	sedge, cedar	N	Common	Both units
Carex tetrastachya Scheele	sedge, four-angle	N	Uncommon	Ranch
Cyperus croceus Vahl (=C. globulosus auct., non Aubl.)	flat sedge, Baldwin	N	Uncommon	Both units
Cyperus esculentus L.	nut-grass, yellow		Uncommon	Both units
Cyperus odoratus L.	flat sedge, fragrant	N	Uncommon	Ranch
Cyperus retroflexus Buckley var. pumila (=C. uniflorus)	flat sedge, dwarf one-flower	N	Uncommon	Johnson C.
Cyperus retroflexus Buckley var. retroflexus (=C. uniflorus)	flat sedge, one-flower	N	Uncommon	Both units
Cyperus rotundus L.	nutgrass, purple	E	Common	Both units
Cyperus strigosus L.	nutgrass, false	N	Common	Both units
Cyperus strigosus X retroflexus	flat sedge, hybrid	N	Uncommon	Ranch
Eleocharis montevidensis Kunth.	spike-rush, sand	N	Common	Both units
Fuirena simplex Vahl. var. aristulata (Torrey) Kral	umbrella-grass, Western	N	Uncommon	Ranch
Rhynchospora colorata (L.) H. Pfeiff.	sedge, white-top	N	Uncommon	Both units
Schoenoplectus pungens (Vahl) Palla (=Scirpus pungens, S. americanus)	bulrush, American	N	Common	Ranch
Ebenaceae	Persimmon Family			
Diospyros texana Scheele	persimmon, Texas	N	Uncommon, Cultivated	Both units
Elaeagnaceae	Oleaster Family			
Elaeagnus pungens Thunb	oleaster	E	Cultivated	Ranch
Equisetaceae	Horsetail Family			
Equisetum laevigatum A. Braun	scouring-rush, smooth	N	Uncommon	Ranch
Euphorbiaceae	Spurge Family			
Acalypha lindheimeri Muell. Arg.	copperleaf, Lindheimer's	N	Common	Both units
Acalypha monococca (A. Gray) Lill. W. Mill. & Gandhi (=A. gracilis var. monococca)	copperleaf, one-seed	N	Uncommon	Ranch
Acalypha ostryifolia Riddell	copperleaf, hop-hornbeam	N	Common	Both units

Scientific Name (Synonyms)	Common Name	Native/Exoti	Abundance	Park Unit
Argythamnia humilis (Engelm. & A. Gray) (=Ditaxis h.)	mercury, low wild	N	Uncommon	Ranch
Chamaesyce angusta (Engelm.) Small (=Euphorbia angusta)	spurge, black-foot	N	Rare	Ranch
Chamaesyce maculata (L.) Small	spurge, spotted	N	Uncommon	Johnson C.
Chamaesyce nutans (Lag.) Small	spurge, eyebane	N	Uncommon	Ranch
Chamaesyce prostrata (Ait.) Small	spurge, prostrate	N	Uncommon	Ranch
Chamaesyce serpens (H.B.K.) Small.	spurge, mat	N	Common	Johnson C.
Cnidoscolus texanus (Mull.-Arg.) Small	bull-nettle, Texas	N	Common	Both units
Croton capitatus Michx. var. lindheimeri (Engelm. & A. Gray) Muell. Arg.	croton, wooly; hogwort	N	Uncommon	Both units
Croton glandulosus L.. var. lindheimeri Muell. Arg.	croton, Lindheimer's	N	Uncommon	Johnson C.
Croton monanthogynus Michx.	prairie-tea, one-seed	N	Common	Both units
Croton texensis (Klotzsch) Muell. Arg.	croton, Texas	N	Uncommon	Johnson C.
Euphorbia dentata Michx.	spurge, toothed	N	Common	Both units
Euphorbia marginata Pursh	snow-on-the-mountain	N	Common	Both units
Phyllanthus polygonoides Nutt.	leaf-flower, rock	N	Uncommon	Both units
Ricinus communis L.	castor-bean	E	Uncommon	Ranch
Sapium sebiferum (L.) Roxb.	tallow-tree, Chinese	E	Uncommon	Johnson C.
Stillingia texana I. M. Johnston	Queen's-delight, Texas	N	Uncommon	Both units
Tragia brevispica Engelm. & A. Gray	noseburn, short-spike	N	Common	Both units
Tragia ramosa Torr.	noseburn, catnip	N	Uncommon	Ranch
Fabaceae	**Legume or Bean Family**			
Albizia julibrissin Durazz.	mimosa-tree	E	Cultivated	Johnson C.
Amorpha fruticosa L.	leadplant	N	Uncommon	Ranch
Astragalus nuttallianus DC.	turkey-pea	N	Uncommon	Ranch
Cercis canadensis L. var. canadensis	redbud, Eastern	E	Cultivated	Ranch
Cercis canadensis L. var. texensis (S. Watson) M. Hopkin	redbud, Texas	N	Cultivated	Johnson C.
Dalea compacta Spreng. var. pubescens (A. Gray) Barneby (=Petalostemon pulcherrimus, D. helleri)	prairie-clover, showy	N	Uncommon	Ranch
Dalea greggii A. Gray	dalea, trailing	E	Cultivated	Johnson C.
Dalea nana Gray var. nana	dalea, dwarf	N	Uncommon	Johnson C.
Desmanthus acuminatus Benth. (=D. virgatus (L.) Willd. var. acuminatus)	bundleflower ,sharp-pod	N	Uncommon	Both units

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Desmanthus illinoensis B. L. Robins. & Fern.	bundleflower, Illinois	N	Uncommon	Johnson C.
Desmanthus reticulatus Benth.	bundleflower, net-leaf	N	Uncommon	Both units
Desmodium paniculatum (L.) DC.	tick-clover, panicled	N	Uncommon	Johnson C.
Gleditsia triacanthos L.	locust, honey	N	Uncommon	Johnson C.
Indigofera miniata Ort. var. leptosepala (Nutt.) Turner	pea, scarlet	N	Uncommon	Johnson C.
Lathyrus hirsutus L.	pea-vine, rough	E	Uncommon	Ranch
Lupinus texensis Hook.	bluebonnet, Texas	N	Common, Cultivated	Both units
Medicago lupulina L.	medic, black	E	Common	Both units
Medicago minima (L.) Bartal.	burclover	E	Common	Both units
Medicago polymorpha L.	bur-clover, California	E	Common	Both units
Melilotus albus Medik.	sweetclover, white	E	Uncommon	Johnson C.
Mimosa aculeaticarpa Ortega var. biuncifera (Benth.) Barneby (=M. biuncifera)	catclaw, white	N	Uncommon	Johnson C.
Mimosa borealis Gray	catclaw, pink	N	Rare	Johnson C.
Mimosa roemeriana Scheele (=Mimosa quadrivalvis L.; Schrankia r.)	sensitive-briar	N	Uncommon	Both units
Parkinsonia aculeata L.	paloverde; retama	E?	Cultivated	Ranch
Pediomelum rhombifolium (T. & G.) Rydb. (= Psoralea r.)	scurfpea, round-leaf	N	Uncommon	Ranch
Prosopis glandulosa Torr.	mesquite, honey	N	Common	Both units
Rhynchosia senna Hook var. texana (Torr. & A. Gray) M.C. Johnst.	snoutbean, Texas	N	Uncommon	Johnson C.
Sesbania drummondii (Rydb.) Cory	rattlebush, Drummond's	N	Uncommon	Johnson C.
Sesbania herbacea (Mill.) McVaugh (=S. exaltata (Raf.) A.W. Hill	river-hemp, Colorado	N	Uncommon	Ranch
Sesbania vesicaria (Jacq.) Elliott (=Glottidium vesicarium)	bladderpod	N	Uncommon	Ranch
Sophora affinis T. & G.	Eve's necklace	N	Uncommon	Johnson C.
Sophora japonica L.	pagoda tree, Japanese	E	Cultivated	Ranch
Sophora secundiflora (Ortega) DC.	mountain-laurel, Texas	N	Cultivated	Both units
Trifolium repens L.	clover, white	E	Uncommon	Ranch
Vicia ludoviciana Nutt. ssp. leavenworthii (T. & G.) Lass. & Gunn	vetch, deer	N	Common	Both units
Vicia sativa L. ssp. nigra (L.) Ehrh. (=V. angustifolia)	vetch, narrowleaf	E	Uncommon	Ranch
Vicia villosa Roth	vetch, winter	E	Uncommon	Ranch

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Wisteria sinensis (Sims) Sweet	wisteria, Chinese	E	Cultivated	Both units
Fagaceae	**Oak Family**			
Quercus buckleyi Nixon & Dorr (=Q. shumardii var. microcarpa, Q. texana)	oak, Texas red	N	Uncommon	Both units
Quercus fusiformis Small (=Q. virginiana var. fusiformis)	oak, plateau live	N	Common, Cultivated	Both units
Quercus marilandica Muenchh.	oak, blackjack	N	Rare	Johnson C.
Quercus rubra L.	oak, Northern red	E	Cultivated	Johnson C.
Quercus stellata Wang.	oak, post	N	Uncommon	Both units
Fumariaceae	**Fumitory Family**			
Corydalis curvisiliqua Engelm.	scrambled-eggs	N	Uncommon	Ranch
Gentianaceae	**Gentian Family**			
Centaurium texense (Griseb.) Fernald	star-pink, Texas	N	Common	Both units
Eustoma russellianum (Hook.) G. Don (=E. grandiflorum (Raf.) Shinners)	bluebells, Texas	N	Uncommon	Johnson C.
Exacum affine Balf.	violet, Persian	E	Cultivated	Ranch
Sabatia campestris Nutt.	rose-gentian, prairie	N	Uncommon	Johnson C.
Geraniaceae	**Geranium Family**			
Erodium cicutarium (L.) L'Her.	filaree	E	Abundant	Both units
Erodium texanum A. Gray	stork's-bill, Texas	N	Common	Both units
Geranium carolinianum L.	crane's-bill, Eastern	N	Common	Both units
Pelargonium X hortorum L. H. Bailey	geranium, garden	E	Cultivated	Ranch
Hippocastanaceae	**Horse-Chestnut Family**			
Aesculus pavia L.	buckeye, red	N	Cultivated	Ranch
Hydrophyllaceae	**Waterleaf Family**			
Nemophila phacelioides Nutt.	baby blue-eyes	N	Uncommon	Ranch
Iridaceae	**Iris Family**			
Iris chamaeiris Bertol (=I. lutescens Lam.)	iris, low	E	Cultivated	Johnson C.
Iris germanica L.	iris, garden	E	Cultivated	Both units
Sisyrinchium langloisii Greene	blue-eyed-grass, pale	N	Common	Both units
Juglandaceae	**Walnut Family**			
Carya illinoinensis (Wang.) K. Koch.	pecan	N	Common, Cultivated	Both units
Juglans nigra L.	walnut, black	N	Uncommon	Johnson C.

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Juncaceae	Rush Family			
Juncus dichotomus Ell.	rush, forked	N	Uncommon	Johnson C.
Juncus texanus (Engelm.) Coville	rush, Texas	N	Common	Both units
Juncus torreyi Coville	rush, Torrey's	N	Common	Johnson C.
Krameriaceae	Ratany Family			
Krameria lanceolata Torr. (=K. secundiflora)	ratany, trailing	N	Uncommon	Ranch
Lamiaceae	Mint Family			
Hedeoma acinoides Scheele	pennyroyal, annual	N	Uncommon	Both units
Hedeoma reverchonii (A. Gray). A. Gray	pennyroyal, Texas	N	Uncommon	Ranch
Lamium amplexicaule L.	henbit	E	Abundant	Both units
Leonurus sibiricus L.	motherwort, Siberian	E	Rare	Ranch
Marrubium vulgare L.	horehound	E	Common	Both units
Mentha spicata L.	spearmint	E	Cultivated	Ranch
Monarda citriodora Lag.	beebalm, lemon	N	Common, Cultivated	Both units
Ocimum basilicum L.	basil	E	Cultivated	Ranch
Perilla frutescens (L.) Britt.	beefsteak-plant	E	Cultivated	Johnson C.
Perovskia abrotanoides Karel	Russian-sage, cutleaf	E	Cultivated	Ranch
Physostegia angustifolia Fern.	obedient plant, narrow-leaf	N	Cultivated	Ranch
Physostegia correllii (Lundell) Shinners (probably hybridized with P. angustifolia)	obedient plant, Correll's	N?	Cultivated	Johnson C.
Rosmarinus officinalis L.	rosemary	E	Cultivated	Johnson C.
Salvia coccinea Juss.	sage, scarlet	N	Uncommon, Cultivated	Ranch
Salvia cv. Indigo Spires (=S. longispica M.&G. X farinacea Benth.)	sage, indigo spires	E	Cultivated	Johnson C.
Salvia farinacea Benth.	sage, mealycup	N	Uncommon, Cultivated	Ranch
Salvia greggii A. Gray	sage, autumn	E?	Cultivated	Both units
Salvia leucantha Cav.. purple-flowered cultivar	sage, wooly	E	Cultivated	Ranch
Salvia microphylla HBK.	sage, small-leaf	E	Cultivated	Ranch
Salvia officinalis L.	sage	E	Cultivated	Johnson C.
Salvia roemeriana Scheele	sage, cedar	N	Cultivated	Johnson C.
Salvia texana (Scheele) Torr.	sage, Texas	N	Uncommon	Ranch
Salvia uliginosa Benth.	sage, Brazilian blue	E	Cultivated	Ranch
Scutellaria drummondii Benth.	skullcap, Texas	N	Common	Both units

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Scutellaria suffrutescens S. Wats.	skullcap, rose	E	Cultivated	Johnson C.
Stachys coccinea Ortega	betony, Texas	E	Cultivated	Johnson C.
Teucrium canadense L.	germander, American	N	Uncommon	Both units
Thymus vulgaris L.	thyme, common	E	Cultivated	Johnson C.
Liliaceae	**Lily Family**			
Allium ampeloprasum L.	garlic, elephant	E	Rare	Johnson C.
Allium canadense L. var. canadense	garlic, wild	N	Uncommon	Both units
Allium drummondii Regel	onion, prairie	N	Uncommon	Both units
Allium sativum L.	garlic	E	Cultivated	Johnson C.
Asparagus officinalis L.	asparagus, garden	E	Cultivated	Ranch
Chlorophytum capense Kuntze (=C. comosum (Thunb.) Jacques)	spider-plant	E	Cultivated	Ranch
Hemorocallis fulva L. hybrid cultivar	daylily, orange	E	Cultivated	Johnson C.
Liriope muscari Bailey	lily-turf; monkey-grass	E	Cultivated	Ranch
Muscari neglecta Ten.	grape-hyacinth	E	Cultivated	Johnson C.
Nothoscordum bivalve (L.) Britt.	garlic, false	N	Common	Both units
Schoenocaulon texanum Scheele	sabadilla, Texas	N	Rare	Ranch
Linaceae	**Flax Family**			
Linum imbricatum (Raf.) Shinners	flax, tufted	N	Uncommon	Johnson C.
Linum rigidum Pursh var. berlandieri (Hook.) T. & G. (=L. berlandieri)	flax, Berlandier's	N	Common	Both units
Linum rupestre (Gray) Gray	flax, rock	N	Uncommon	Ranch
Loganiaceae	**Strichnine Family**			
Gelsemium sempervirens Ait. f.	jessamine, Carolina	E	Cultivated	Ranch
Loranthaceae	**Mistletoe Family**			
Phorodendron tomentosum (DC.) A. Gray	mistletoe	N	Common	Both units
Lythraceae	**Loosestrife Family**			
Ammannia robusta Heer & Regel (=A. coccinea ssp. robusta)	ammannia, pale	N	Rare	Ranch
Lagerstroemia indica L.	crepe-myrtle	E	Cultivated	Ranch
Magnoliaceae	**Magnolia Family**			
Magnolia grandiflora L.	magnolia, flowering	E	Cultivated	Both units
Malvaceae	**Mallow Family**			
Callirhoe involucrata (Nutt.) A. Gray	winecup	N	Uncommon	Both units
Hibiscus rosa-sinensis L.	hibiscus, Chinese	E	Cultivated	Ranch

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Hibiscus syriacus L.	rose-of-Sharon	E	Cultivated	Ranch
Malva parviflora L.	mallow, little	E	Uncommon	Johnson C.
Malvaviscus arboreus Cav. var. drummondii Schery	Turk's-cap, Drummond's	N	Cultivated	Both units
Modiola caroliniana (L.) G. Don	modiola, Carolina	N	Uncommon	Both units
Rhynchosida physocalyx (A. Gray) Fryxell (=Sida physocalyx)	sida, beaked	N	Uncommon	Both units
Sida abutifolia Mill. (=S. filicaulis T. & G.)	sida, spreading	N	Common	Both units
Meliaceae	Mahogany Family			
Melia azedarach L.	Chinaberry	E	Common	Both units
Menispermaceae	Moonseed Family			
Cocculus carolinus (L.) DC.	snailseed, Carolina	N	Common	Both units
Molluginaceae	Carpetweed Family			
Mollugo verticillata L.	carpetweed, green	E	Uncommon	Both units
Moraceae	Mulberry or Fig Family			
Fatua villosa (Thunb.) Nakei	crabweed, hairy	E	Uncommon	Both units
Ficus carica L.	fig, common	E	Cultivated	Both units
Ficus pumila L.	fig, creeping	E	Cultivated	Ranch
Morus alba L.	mulberry, white	E	Uncommon	Ranch
Morus rubra L.	mulberry, red	N	Uncommon	Johnson C.
Myricaceae	Wax-Myrtle Family			
Myrica cerifera L. (=Morella c.)	wax-myrtle or bayberry, southern	E	Cultivated	Johnson C.
Najadaceae	Water Naiad Family			
Najas guadalupensis (Spreng.) Magnus	naiad, Southern	N	Rare	Johnson C.
Nyctaginaceae	Four-O'clock Family			
Boerhavia diffusa L. (incl. B. coccinea Mill.)	spiderling, scarlet	N	Common	Johnson C.
Mirabilis jalapa L. (incl. M. lindheimeri (Standl.) Shinners)	four-o'clock, common	E?	Uncommon, Cultivated	Both units
Oleaceae	Olive Family			
Forestiera pubescens Nutt.	elbow-bush	N	Uncommon	Johnson C.
Fraxinus pennsylvanica Marsh	ash, green or red	N	Uncommon	Ranch
Jasminum mesnyi Hance	jasmine, primrose	E	Cultivated	Johnson C.
Ligustrum japonicum Thunb.	privet, wax-leaf	E	Uncommon, Cultivated	Both units
Ligustrum lucidum Ait.	privet, glossy	E	Cultivated	Ranch

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Ligustrum sinense Lour.	privet, Chinese	E	Uncommon, Cultivated	Johnson C.
Menodora heterophylla DC.	twinpod, low	N	Rare	Ranch
Onagraceae	**Evening Primrose Family**			
Calylophus berlandieri Spach ssp. pinifolius (A. Gray) Towner (=C. drummondianus, C. serrulata subsp. d.)	dewdrops, square-bud	N	Uncommon	Ranch
Gaura brachycarpa Small	gaura, plains	N	Common	Both units
Gaura drummondii (Spach) Torr. & A. Gray	gaura, sweet	N	Uncommon	Both units
Gaura parviflora Dougl.	gaura, lizard-tail	N	Uncommon	Ranch
Gaura suffulta Engelm.	gaura, roadside	N	Uncommon	Johnson C.
Ludwigia repens Forst.	water-primrose, creeping	N	Uncommon	Both units
Oenothera laciniata Hill	evening-primrose, cutleaf	N	Uncommon	Johnson C.
Oenothera speciosa Nutt.	primrose, showy	N	Uncommon	Both units
Oenothera triloba Nutt.	primrose, stemless	N	Uncommon	Both units
Oxalidaceae	**Sorrel Family**			
Oxalis dillenii Jacq.	sourclover, yellow	N	Common	Both units
Oxalis drummondii A. Gray	sourclover, Drummond's	N	Uncommon	Johnson C.
Oxalis rubra St. Hil.	sourclover, tuberous	E	Cultivated	Ranch
Papaveraceae	**Poppy Family**			
Argemone albiflora Hornem. ssp. texana G.B. Ownbey	pricklyl-poppy, Texas white	N	Uncommon	Johnson C.
Argemone aurantiaca G.B. Ownbey	pricklyl-poppy, red-sap	N	Uncommon	Ranch
Eschscholzia californica Cham.	poppy, California	E	Cultivated	Ranch
Papaver rhoeas L.	poppy, corn	E	Cultivated	Ranch
Passifloraceae	**Passionflower Family**			
Passiflora tenuiloba Engelm	passion-vine, bird-wing	N	Rare	Ranch
Pedaliaceae	**Sesame Family**			
Proboscidea louisianica (Mill.) Thell. (=Martynia louisianica)	devil's-claw, common	N	Uncommon	Ranch
Phytolaccaceae	**Pokeweed Family**			
Phytolacca americana L.	pokeweed	N	Uncommon	Ranch
Rivina humilis L.	rougeplant; bloodberry	N	Uncommon	Ranch
Pinaceae	**Pine Family**			
Pinus brutia Ten.	pine, Turkish	E	Cultivated	Ranch

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Plantaginaceae	Plantain Family			
Plantago rhodosperma Dcne.	plantain, redseed	N	Common	Both units
Plantago virginica L.	plantain, common	N	Common	Both units
Plantago wrightiana Dcne.	plantain, Wright's	N	Uncommon	Ranch
Platanaceae	Sycamore Family			
Platanus occidentalis L.	sycamore	N	Cultivated	Johnson C.
Poaceae	Grass Family			
Andropogon glomeratus (Walter) Britton, Sterns, & Poggenb.	bluestem, bushy; beardgrass, bushy	N	Common	Both units
Aristida oligantha Michx.	three-awn, oldfield	N	Uncommon	Johnson C.
Aristida purpurea Nutt. var. longiseta (Steud.) Vasey (=A. longiseta)	three-awn, long awned or red	N	Common	Johnson C.
Aristida purpurea Nutt. var. purpurea	three-awn, purple	N	Common	Both units
Aristida purpurea Nutt. var. wrightii (Nash) Allred (=A. wrightii)	three-awn, Wright's purple	N	Common	Ranch
Arundo donax L.	reed, giant	E	Uncommon	Ranch
Avena sativa L.	oats, common	E	Uncommon	Ranch
Bothriochloa ischaemum (L.) Keng var. songarica (Rupr.)C. & H.	bluestem, King Ranch	E	Abundant	Both units
Bothriochloa laguroides (DC.) Hertr. ssp. torreyana (Steud.) Allred & Gould (=B. saccharoides)	bluestem, silver	N	Abundant	Both units
Bouteloua curtipendula (Michx.) Torr.	grama, sideoats	N	Abundant	Both units
Bouteloua hirsuta Lag.	grama, hairy	N	Uncommon	Ranch
Bouteloua pectinata Featherly	grama, tall	N	Uncommon	Ranch
Bouteloua rigidiseta (Steud.) Hitchc.	grama, Texas	N	Common	Both units
Bouteloua trifida Thurb.	grama, red	N	Uncommon	Ranch
Bromus catharticus Vahl (=B. unioloides)	rescue-grass	E	Common	Both units
Bromus japonicus Murr.	brome, Japanese	E	Common	Both units
Bromus macrostachys Desf.	brome, big-spike	E	Uncommon	Ranch
Bromus tectorum L.	brome, downy; cheatgrass		Uncommon	Ranch
Buchloe dactyloides (Nutt.) Engelm.	buffalo-grass	N	Common	Both units
Cenchrus spinifex Cav. (=C. incertus M.A. Curtis)	sandbur, common	N	Uncommon	Both units
Chloris cucullata Bisch.	windmill-grass, hooded	N	Common	Both units
Chloris verticillata Nutt.	windmill-grass, tumble	N	Common	Both units

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Cortaderia selloana (Schult. & Schult. f.)Asch. & Graebn	pampas-grass	E	Cultivated	Johnson C.
Cynodon dactylon (L.) Pers.	Bermuda-grass	E	Abundant	Both units
Cynodon dactylon (L.) Pers. fine-leaved dwarf cultivar	Bermuda-grass	E	Cultivated	Johnson C.
Desmazeria rigida (L.) Tutin (=Catapodium r.)	fern-grass	E	Uncommon	Johnson C.
Dichanthelium acuminatum (Sw.) Gould & C. A. Clark. var. lindheimeri (Nash) Lelong (=Pancium a. l.)	rosettegrass, Lindheimer's	N	Uncommon	Johnson C.
Dichanthelium oligosanthes (Schult.) Gould var. scribnerianum (Nash) Gould =(Panicum o. s.)	rosettegrass, Scribner	N	Common	Both units
Dichanthium annulatum (Forssk.) Stapf.	bluestem, Kleburg	E	Uncommon	Johnson C.
Digitaria ciliaris (Retz.) Koel.	crabgrass	E	Common	Both units
Digitaria cognata (J. A. Schultes) Pilger (=Leptoloma cognata)	witchgrass, fall	N	Uncommon	Ranch
Echinochloa colona (L.) Link	jungle-rice	E	Uncommon	Both units
Echinochloa crus-galli (L.) P. Beauv.	barnyard-grass	E	Uncommon	Ranch
Elymus canadensis L.	wild-rye, Canada	N	Common	Both units
Elymus virginicus L.	wild-rye, Virginia	N	Uncommon	Johnson C.
Eragrostis barrelieri Daveau	lovegrass, Mediterranean	E	Uncommon	Ranch
Eragrostis cilianensis (All.) Janch.	lovegrass, stinky	E	Uncommon	Ranch
Eragrostis intermedia Hitchc	lovegrass, plains	N	Common	Both units
Eragrostis secundiflora J. Presl. subsp. oxylepis (Torr.) S.D. Koch (=E. oxylepis)	lovegrass, red	N	Uncommon	Ranch
Eragrostis sessilispica Buckley	lovegrass, tumble	N	Uncommon	Both units
Eragrostis superba Peyr.	lovegrass, Wilmann's	E	Uncommon, Cultivated	Ranch
Erioneuron pilosum (Buckley) Nash	fluffgrass	N	Uncommon	Both units
Festuca arundinacea Schreb. (=F. elatior, Lolium a.)	fescue, tall	E	Common, Cultivated	Both units
Hilaria belandgeri (Stued.) Nash	curly-mesquite	N	Uncommon	Ranch
Hordeum murinum L.	barley, mouse	E	Common	Both units
Hordeum pusillum Nutt.	barley, little	N	Common	Both units
Hordeum vulgare L.	barley, common	E	Uncommon	Ranch
Leptochloa mucronata (Michx.) Kunth	sprangletop, red	N	Uncommon	Both units
Limnodea arkansana (Nutt.) L. H. Dewey	Ozark-grass	N	Uncommon	Johnson C.
Lolium perenne L. ssp. multiflorum (Lam.) Husnot	ryegrass, common	E	Common	Both units

Scientific Name (Synonyms)	Common Name	Native/Exoti	Abundance	Park Unit
Muhlenbergia lindheirmeri Hitchc	muhly, Lindheimer's	N	Cultivated	Ranch
Muhlenbergia reverchonii Vasey & Scribn.	muhly, seep	N	Uncommon	Johnson C.
Muhlenbergia utilis (Torr.) Hitchc.	aparejo; muhly, aparejo	N	Uncommon	Ranch
Nassella leucotricha (Trin. & Rupr.) Barkworth (=Stipa leucotricha)	wintergrass, Texas; speargrass	N	Common	Both units
Panicum coloratum L.	Klein grass	E	Uncommon	Both units
Panicum diffusum Sw.	panicgrass, spreading	E?	Common	Both units
Panicum obtusum Kunth	vine-mesquite	N	Uncommon	Johnson C.
Panicum virgatum L.	switchgrass, lowland	N	Common	Both units
Paspalum dilatatum Poir.	Dallis-grass	E	Uncommon	Ranch
Paspalum pubiflorum Rupr. var. pubiflorum	paspalum, hairy-seed	N	Common	Both units
Paspalum setaceum Michx.	paspalum, thin	N	Uncommon	Johnson C.
Paspalum urvillei Steud	grass, Vasey's	E	Uncommon	Ranch
Phalaris caroliniana Walt.	canary-grass, wild	N	Uncommon	Johnson C.
Poa annua L.	bluegrass, annual	E	Uncommon	Ranch
Polypogon monspeliensis (L.) Desf.	grass, rabbit's-foot	E	Uncommon	Ranch
Schedonnardus paniculatus (Nutt.) Trel.	grass, tumble	N	Uncommon	Both units
Schizachyrium scoparium (Michx.) Nash (=Andropogon scoparium)	bluestem, little	N	Common	Both units
Setaria parviflora (Poir.) Kerguelen	bristlegrass, knotroot	N	Uncommon	Both units
Setaria scheelei (Steud.) Hitchc.	foxtail, Southwestern	N	Common	Both units
Sorghastrum nutans (L.) Nash	Indiangrass	N	Common	Both units
Sorghum bicolor (L.) Moench ssp. bicolor	sorghum	E	Cultivated	Ranch
Sorghum halapense (L.) Pers.	Johnson-grass	E	Common	Both units
Sphenopholis obtusata (Michx.) Scribn.	wedgescale, prairie	N	Uncommon	Ranch
Sporobolus compositus (Poir.) Merr. var. drummondii (Tr.) K. & G. (=S. asper dr.)	dropseed, meadow	N	Abundant	Both units
Sporobolus cryptanthus (Torr.) A. Gray	dropseed, sand	N	Uncommon	Ranch
Stenotaphrum secundatum (Walter) Kuntze	St. Augustine grass	E	Cultivated	Both units
Tridens albescens (Vasey) Woot. & Stand.	whitetop	N	Common	Both units
Tridens flavus (L.) Hitchc.	purpletop	N	Common	Johnson C.
Tridens muticus (Torr.) Nash	tridens, slim	N	Uncommon	Ranch
Tripsacum dactyloides L.	gamagrass, Eastern	N	Common	Ranch
Urochloa ciliatissima (Buckley) R.D. Webster (=Brachiaria ciliatissima (Buckl.) Chase	signal grass, fringed	N	Uncommon	Johnson C.

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Urochloa texana (Buckley) R.D. Webster (=Brachiaria texana (Buckl.) Chase)	signal grass, Texas	N	Uncommon	Johnson C.
Vulpia octoflora (Walt.) Rydb.	six-weeks-grass, common	N	Common	Both units
Podocarpaceae	Podocarp Family			
Podocarpus macrophyllus (Thunb.) D. Don	podocarp	E	Cultivated	Ranch
Polemoniaceae	Phlox Family			
Phlox drummondii Hook.	phlox, Drummond's; pride-of-Texas	N	Cultivated	Ranch
Phlox paniculata L.	phlox, summer	E	Cultivated	Ranch
Polygalaceae	Milkwort Family			
Polygala alba Nutt.	milkwort, white	N	Uncommon	Ranch
Polygonaceae	Buckwheat Family			
Rumex altissimus Wood	dock, peach-leaf	N	Common	Both units
Rumex hastatulus Baldwin	dock, Engelmann's; sorrel, heart-wing	N	Uncommon	Ranch
Rumex pulcher L.	dock, fiddle	E	Common	Ranch
Portulacaceae	Purslane Family			
Portulaca oleracea L.	purslane, common	E	Uncommon	Johnson C.
Portulaca pilosa L.	purslane, shaggy	N	Common	Johnson C.
Portulaca umbraticola L.	purslane, wing-pod	N	Uncommon	Johnson C.
Talinum aurantiacum Engelm.	flameflower, orange	N	Rare	Johnson C.
Primulaceae	Primrose Family			
Samolus valerandi L. subsp. parviflorus (Raf.) Hultén (=S. parviflorus)	brookweed, smallflower	N	Uncommon	Both units
Punicaceae	Pomegranate Family			
Punica granatum L.	pomegranate	E	Cultivated	Johnson C.
Punica granatum L. cv. Nana	pomegranate, dwarf	E	Cultivated	Ranch
Ranunculaceae	Buttercup Family			
Anemone berlandieri Pritzel (=A. decapetala)	anemone, tenpetal	N	Common	Both units
Aquilegia canadensis L.	columbine, American	N	Cultivated	Ranch
Aquilegia chrysantha A. Gray	columbine, yellow	E	Cultivated	Johnson C.
Clematis drummondii Torr. & A.Gray	virgin's-bower, Texas	N	Uncommon	Ranch
Clematis pitcheri T. & G.	leatherflower, Pitcher's	N	Uncommon	Ranch
Delphinium ajacis L..	larkspur, rocket	E	Cultivated	Ranch
Delphinium carolinianum Walt. ssp. virescens (Nutt.) Brooks	larkspur, Carolina	N	Uncommon	Ranch

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Ranunculus sceleratus L.	buttercup, blister	N	Uncommon	Ranch
Rhamnaceae	**Buckthorn Family**			
Colubrina texensis (T. & G.) A. Gray	snakewood, Texas	N	Uncommon	Johnson C.
Rosaceae	**Rose Family**			
Chaenomeles lagenaria (Loisel.) Koidz	quince, flowering	E	Cultivated	Ranch
Eriobotrya japonica Lindl.	loquat	E	Cultivated	Ranch
Geum canadense Jacq.	avens, white	N	Uncommon	Johnson C.
Photinia serrulata Lindl	photinia, red-tip	E	Uncommon, Cultivated	Johnson C.
Photinia serrulata Lindl cv. Aculeata	photinia, spiny red-tip	E	Uncommon, Cultivated	Johnson C.
Prunus cf. cerasifera J.F. Ehrh.	plum, cherry	E	Cultivated	Ranch
Prunus cf. cerasus L.	plum, sour	E	Cultivated	Ranch
Prunus persica Batsch double-flowered	peach, flowering	E	Cultivated	Ranch
Prunus rivularis Scheele	plum, creek	N	Uncommon	Johnson C.
Pyracantha crenatoserrata (Hance) Rehd.	firethorn	E	Cultivated	Johnson C.
Pyrus communis L.	pear	E	Cultivated	Ranch
Rosa banksiae Ait.	rose, Banks	E	Cultivated	Johnson C.
Rosa chinensis Jacq. hybrid cultivar (Floribunda group)	rose, floribunda	E	Cultivated	Both units
Rosa chinensis Jacq. hybrid cultivar (Polyantha group)	rose, polyantha	E	Cultivated	Ranch
Rubus aboriginum Rydb.	dewberry, Indian	N	Common	Johnson C.
Rubus trivialis Michx.	dewberry, bristly	N	Uncommon	Johnson C.
Spiraea cantoniensis Lour.	bridal wreath, Cantonese	E	Cultivated	Ranch
Spiraea trilobata L.	bridal wreath, three-lobe	E	Cultivated	Ranch
Rubiaceae	**Coffee Family**			
Cephalanthus occidentalis L.	buttonbush	N	Uncommon	Both units
Galium aparine L.	bedstraw, catchweed	N	Common	Both units
Galium parisiense L. var. leiocarpum Tausch (=G. divaricatum Lam.)	bedstraw, smooth Parisian	E	Uncommon	Ranch
Galium proliferum A. Gray	bedstraw, rock	N	Rare	Ranch
Galium texense A. Gray	bedstraw, Texas	N	Uncommon	Ranch
Galium virgatum Nutt.	bedstraw, wand	N	Common	Both units
Hedyotis nigricans (Lam.) Fosb.	bluets, prairie	N	Uncommon	Both units

Scientific Name (Synonyms)	Common Name	Native/Exoti	Abundance	Park Unit
Houstonia micrantha (Shinners) Terrell (=Hedyotis australis)	bluets, Southern	N	Uncommon	Ranch
Houstonia pusilla Schoepf (=Hedyotis crassifolia)	bluets, dwarf	N	Uncommon	Johnson C.
Richardia tricocca (Torr. & A. Gray) Standl. (=Diodia tricocca)	buttonweed, prairie	N	Uncommon	Johnson C.
Sherardia arvensis L.	spurwort	E	Common	Both units
Rutaceae	Citrus Family			
Ptelea trifoliata L. (incl. P. mollis M.A. Curtis, P. tomentosa Raf.)	wafer-ash	N	Uncommon	Johnson C.
Zanthoxylum hirsutum Buckley	toothache-tree, Western; prickly-ash	N	Rare	Ranch
Salicaceae	Willow Family			
Salix nigra Marsh	willow, black	N	Uncommon	Johnson C.
Sapindaceae	Soapberry Family			
Cardiospermum halicacabum L.	balloonvine	N	Rare	Ranch
Sapindus saponaria L. var. drummondii (H. & A.) L. Benson	soapberry, Western	N	Uncommon	Both units
Ungnadia speciosa Endl.	buckeye, Mexican	N	Cultivated	Ranch
Sapotaceae	Chicle or Sapote Family			
Sideroxylon lanuginosum Michx. (=Bumelia lanuginosa (Michx.) Pers.)	buckthorn, wooly; gum-elastic	N	Uncommon	Ranch
Scrophulariaceae	Snapdragon Family			
Agalinus heterophylla (Nutt.) Britt.	foxglove, prairie false	N	Uncommon	Johnson C.
Bacopa monnieri (L.) Pennell	water-hyssop, coastal	N	Uncommon	Both units
Castilleja indivisa Engelm.	paintbrush, Indian	N	Uncommon	Ranch
Leucophyllum fructescens Berl.) I.M. Johnston	cenizo	N	Cultivated	Both units
Leucospora multifida (Michx.) Nutt.	water-hyssop, cutleaf	N	Uncommon	Ranch
Lindernia dubia (L.) Pennell var. anagallidea (Michx.) Cooperr.	false pimpernel, clasping	N	Rare	Ranch
Mecardonia procumbens (Mill.) Small	water-hyssop, prostrate	N	Uncommon	Ranch
Nuttallanthus texanus (Sheele) D.A. Sutton (=Linaria texana)	toadflax, Texas	N	Uncommon	Ranch
Penstemon cobaea Nutt.	foxglove, wild	N	Uncommon	Ranch
Verbascum thapsus L.	mullein, common	E	Uncommon	Johnson C.
Veronica anagallis-aquatica L.	speedwell, water	E	Uncommon	Both units
Veronica arvensis L.	speedwell, common	E	Common	Both units

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Veronica peregrina L.	speedweel, purslane; necklaceweed	N	Uncommon	Ranch
Smilacaceae	**Greenbriar Family**			
Smilax bona-nox L.	greenbriar, saw	N	Common	Both units
Solanaceae	**Nightshade Family**			
Calibrachoa parviflora (Juss.) D'Arcy (=Petunia parviflora)	petunia, wild	N	Uncommon	Ranch
Capsicum annuum L. var. glabriusculum (Dunal) Heiser & Pickersgill (=C. a. var. aviculare (Dierb.) D'Arcy & Eshbaugh)	pepper, bird	N	Cultivated	Ranch
Chamaesaracha edwardsiana Averett	nightshade, plateau false	N	Rare	Ranch
Datura inoxia Mill.	Indian-apple	N?	Rare	Ranch
Physalis cinerascens (Dunal) Hitch.	groundcherry, wooly	N	Uncommon	Both units
Solanum dimidiatum Raf.	horse-nettle	N	Uncommon	Both units
Solanum elaeagnifolium Cav.	nightshade, silverleaf	N	Common	Both units
Solanum ptychanthum Dunal (=S. americanum auct., S. nigrum auct.)	nightshade, American	N	Uncommon	Both units
Solanum rostratum Dun.	buffalo-bur	N	Uncommon	Johnson C.
Solanum triquetrum Cav.	nightshade, Texas	N	Uncommon	Ranch
Taxodiaceae	**Bald Cypress Family**			
Taxodium distichum (L.) Rich.	cypress, bald	N	Uncommon	Both units
Ulmaceae	**Elm Family**			
Celtis laevigata Willd. var. laevigata	sugarberry or hackberry, smooth-leaf	N	Common, Cultivated	Both units
Celtis laevigata Willd. var. reticulata Torr. (=C. reticulata)	sugarberry or hackberry, rough-leaf	N	Common	Both units
Ulmus americana L.	elm, American	N	Cultivated	Ranch
Ulmus crassifolia Nutt.	elm, cedar	N	Common	Both units
Urticaceae	**Nettle Family**			
Parietaria pensylvanica Willd.	pellitory	N	Uncommon	Ranch
Valerianaceae	**Valerian Family**			
Valerianella radiata (L.) Dufr.	cornsalad, beaked	N	Uncommon	Ranch
Verbenaceae	**Verbena Family**			
Callicarpa americana L.	beautyberry	N	Cultivated	Johnson C.
Glandularia bipinnatifida (Nutt.) Nutt. (=Verbena bipinnatifida)	verbena, Dakota	N	Common	Both units
Glandularia pumila (Rydb.) Umber (=Verbena pumila)	vervain, pink	N	Uncommon	Johnson C.

Scientific Name (Synonyms)	*Common Name*	*Native/Exoti*	*Abundance*	*Park Unit*
Lantana 'Callowiana Hybrids' cultivar (=L. depressa X camara)	lantana, hybrid cultivar	E	Cultivated	Johnson C.
Lantana camara L.	lantana, West Indies	E	Uncommon, Cultivated	Johnson C.
Lantana camara X urticoides	lantana, hybrid	E	Uncommon, Cultivated	Johnson C.
Lantana depressa Small hybrid cultivar	lantana, rockland	E	Cultivated	Johnson C.
Lantana montevidensis Briq	lantana, trailing	E	Cultivated	Ranch
Lantana urticoides Hayek (=L. horrida auct. non HBK)	lantana, Texas	N	Uncommon, Cultivated	Both units
Lippia lanceolata Michx. hybrid with L. nodiflora? (=Phyla lanceolata)	frogfruit, Northern	N	Common	Both units
Lippia nodiflora (L.) Michx. "incisa" morph (=Phyla nodiflora, P. incisa)	frogfruit, common	N	Uncommon	Johnson C.
Lippia nodiflora (L.) Michx. (=Phyla nodiflora, P. incisa)	frogfruit, common	N	Common	Both units
Lippia nodiflora (L.) Michx. may have L. lanceolata genes (=Phyla nodiflora, P. incisa)	frogfruit, common	N	Common	Both units
Verbena brasiliensis Vell.	vervain, Brazilian	E	Uncommon	Ranch
Verbena canescens Kunth	vervain, gray	N	Uncommon	Both units
Verbena halei Small	vervain, slender	N	Common	Both units
Vitex agnus-castus L.	chaste tree	E	Cultivated	Both units
Violaceae	Violet Family			
Viola missouriensis Greene	violet, Missouri	N	Cultivated	Johnson C.
Viola tricolor L. var. hortensis DC.	pansy	E	Cultivated	Ranch
Vitaceae	Grape Family			
Ampelopsis arborea (L.) Koehne	peppervine	N	Common	Johnson C.
Ampelopsis cordata Michx.	grape, possum	N	Common	Johnson C.
Cissus incisa Des Moul	ivy-treebine	N	Uncommon	Both units
Parthenocissus heptaphylla (Buckley) Small	creeper, sevenleaf	N	Rare	Johnson C.
Parthenocissus quinquefolia (L.) Planch.	creeper, Virginia	N	Uncommon	Johnson C.
Vitis aestivalis Michx.	grape, summer or pigeon	N	Uncommon	Johnson C.
Vitis mustangensis Buckley	grape, mustang	N	Common	Johnson C.
Zygophyllaceae	Lignum Vitae Family			
Kallstroemia parviflora Norton	caltrop, warty	N	Uncommon	Johnson C.

Total species, varieties, hybrids, and cultivars: 610

Appendix 2. LYJO Vouchers collected by Roger Sanders, August to October, 2005, for vegetation mapping. Please see Appendix 1 for common name and nativity information.

Scientific Name	*Collection #*
Aphanostephus riddellii Torr. & A. Gray	6728
Desmanthus acuminatus Benth. (=D. virgatus (L.) Willd. var. acuminatus)	6726
Liatris mucronata DC.	6725
Ligustrum japonicum Thunb.	6739
Sporobolus compositus (Poir.) Merr. var. drummondii (Tr.) K. & G. (=S. asper dr.)	6735
Wedelia texana (A. Gray) B.L. Turner (=W. hispida auct., Zexmenia hispida auct.)	6727

Total Vouchers Collected for Vegetation Mapping: ***6***

Appendix 3. LBJ State Pak Vouchers collected by Roger Sanders, August to October, 2005. Please see Appendix 1 for common name and nativity information.

Scientific Name	*Collection #*
Aristida purpurea Nutt. var. purpurea	6730
Cyperus retroflexus Buckley var. pumila (=C. uniflorus)	6731
Cyperus retrorsus Chapman	6732
Digitaria cognata (J. A. Schultes) Pilger (=Leptoloma cognata)	6733
Fraxinus pennsylvanica Marsh	6738
Ligustrum japonicum Thunb.	6729
Muhlenbergia bushii R. W. Pohl	6737
Panicum coloratum L.	6734
Urochloa texana (Buckley) R.D. Webster (=Brachiaria texana (Buckl.) Chase)	6736

Total Vouchers Collected for Vegetation Mapping: ***9***