

Davidson & Davidson
"Ten Years of Ecological Restoration on a Texas Hill Country Site"

APPENDIX

List of prevalent trees and shrubs (about 50 species total): Plateau live oak (*Quercus fusiformis*), Texas (Spanish) oak (*Quercus texana buckleyi*), Shin (Scalybark) oak (*Quercus sinuata*), Post oak (*Quercus stellata*), Cedar elm (*Ulmus crassifolia*), Texas ash (*Fraxinus texensis*), Nettleleaf hackberry (*Celtis reticulata*) Western soapberry (*Sapindus saponaria*), Roughleaf dogwood (*Cornus drummondii*), Eastern cottonwood (*Populus deltoides*), Baldcypress (*Taxodium distichum*), Possum haw (deciduous) holly (*Ilex decidua*), Gum bumelia (*Bumelia lanuginosa*), Arizona walnut (*Juglans major*), Pecan (*Carya illinoensis*), Wafer ash (*Ptelea trifoliata*), Virginia creeper (*Parthenocissus quinquefolia*), Common elbowbush (*Fraxinus texensis*), Texas persimmon (*Diospyros texana*), Red buckeye (*Aesculus pavia*), Agarito (*Berberis trifoliolata*), Eve's necklace (*Sophora affinis*), Redbud (*Cercis canadensis, texensis*), Red buckeye (*Aesculus pavia*).

List of most prevalent grasses (about 50 species identified).

1. Field areas - KR bluestem (*Bothriochloa ischaemum*), Little bluestem (*Schizachyrium scoparium*), Indiangrass (*Sorghastrum nutans*), Silver bluestem (*Bothriochloa saccharoides*), Plains lovegrass (*Eragrostis intermedia*), Texas wintergrass (*Stipa leucotricha*), Bushy bluestem (*Andropogon glomeratus*).

2. Riparian area - Purpletop tridens (*Tridens flavus*), KR bluestem (*Bothriochloa ischaemum*), Little bluestem (*Schizachyrium scoparium*), Lindheimer's muhly (*Muhlenbergia lindheimeri*), Bushy bluestem (*Andropogon glomeratus*), Eastern gamagrass (*Tripsacum dactyloides*).

Plants established and natural in second enclosure as of Nov. 2006.

Plateau live oak (*Quercus fusiformis*), Cedar elm (*Ulmus crassifolia*), Wafer ash (*Ptelea trifoliata*), Lantana (*lantana horrida*), milkweed (*Asclepias sp.*), Passion flower (*Passiflora incarnata*), American beautyberry (*Callicarpa americana*), Kidneywood (*Eysenhardtia texana*), Fragrant mimosa (*Mimosa borealis*), Dewberry (*Rubus riograndis*), Eastern gamagrass (*Tripsacum dactyloides*), Hackberry (*Celtis reticulata*), Trumpet-creeper (*Campsis tagliabuana*), Hairy zexmania (*Wedelia hispida*), Frostweed (*Verbesina virginica*), Wild poinsettia (*Euphorbia cyathophora*), Prickly pear (*Opuntia lindheimeri*), Gum bumelia (*Bumelia lanuginosa*), Twistleaf yucca (*Yucca rupicola*).

Avian species observed during the restoration period.

1. Resident Birds: American Crow (*Corvus brachyrhynchos*), Northern Cardinal (*Cardinalis cardinalis*), Tufted titmouse (*Baeolophus bicolor*), Eastern Phoebe (*Sayornis phoebe*), Carolina Wren (*Thryothorus ludovicianus*), Carolina chickadee (*Poecile carolinensis*), Turkey Vulture (*Cathartes aura*), Black vulture (*Coragyps atratus*), Northern mockingbird (*Mimus polyglottos*), Ruby-crowned kinglet (*Regulus satrapa*).

2. Visiting Birds: Lesser yellowlegs (*Tringa flavipes*), Black-bellied whistling duck (*Dendrocygna autumnalis*), American Wigeon (*Anas americana*), Green-winged teal (*Anas*

crecca), Great blue heron (*Ardea herodias*), Little blue heron (*Egretta caerulea*), Killdeer (*Charadrius vociferus*), Semipalmated plover (*Charadrius semipalmatus*), Solitary sandpiper (*Tringa solitaria*), Red-tailed Hawk (*Buteo jamaicensis*), Sharp-shinned hawk (*Accipiter striatus*), Red-shouldered Hawk (*Buteo lineatus*), Cooper's hawk (*Accipiter cooperii*), Northern Harrier (*Circus cyaneus*), American kestrel (*Falco sparverius*), Wild Turkey (*Meleagris gallopavo*), Mourning dove (*Zenaida macroura*), White-winged dove (*Zenaida asiatica*), Inca dove (*Columbina inca*), Yellow-billed Cuckoo (*Coccyzus americanus*), Great horned Owl (*Bubo virginianus*), Short-eared Owl (*Asio flammeus*), Belted Kingfisher (*Ceryle alcyon*), Chuck-wills-widow (*Caprimulgus carolinensis*), Black-chinned Hummingbird (*Archilochus alexandri*), Ruby-throated HB (*Archilochus colubris*), Broad-tailed HB (*Selasphorus platycercus*), Barn swallow (*Hirundo rustica*), Cliff swallow (*Petrochelidon pyrrhonota*), Ladder-backed Woodpecker (*Picoides scalaris*), Golden-fronted Woodpecker (*Melanerpes aurifrons*), Yellow-bellied sapsucker (*Sphyrapicus varius*), Western Kingbird (*Tyrannus verticalis*), Eastern Wood-pewee (*Contopus virens*), Vermilion Flycatcher (*Pyrocephalus rubinus*), Great crested flycatcher (*Myiarchus crinitus*), Ash-throated flycatcher (*Myiarchus cinerascens*), Scissor-tailed flycatcher (*Tyrannus forficatus*), American Robin (*Turdus migratorius*), Eastern bluebird (*Sialia sialis*), Gray Catbird (*Dumetella carolinensis*), Cedar Waxwing (*Bombycilla cedrorum*), American pipit (*Anthus rubescens*), Western Scrub-jay (*Apelocoma californica*), Red-breasted nuthatch (*Sitta canadensis*), House wren (*Troglodytes aedon*), Bewick's wren (*Thryomanes bewickii*), Canyon wren (*Catherpes mexicanus*), Cactus wren (*Campylorhynchus brunneicapillus*), Blue-gray gnatcatcher (*Polioptila caerulea*), White-eyed Vireo (*Vireo griseus*), Red-eyed Vireo (*Vireo olivaceus*), Yellow warbler (*Dendroica petechia*), Wilson's warbler (*Wilsonia pusilla*), Yellow-rumped warbler (*Dendroica coonata*), Nashville warbler (*Vermivora ruficapilla*), Black-and-white warbler (*Mniotilta varia*), Chestnut-sided warbler (*Dendroica pensylvanica*), Northern waterthrush (*Seiurus noveboracensis*), Louisiana waterthrush (*Seiurus motacilla*), Summer tanager (*Piranga rubra*), Brown-headed Cowbird (*Molothrus ater*), Song sparrow (*Melospiza melodia*), Lincoln's sparrow (*Melospiza lincolni*), Rufous-crowned sparrow (*Aimophila ruficeps*), Chipping sparrow (*Spizella passerina*), Lark sparrow (*Chondestes grammacus*), Field sparrow (*Spizella pusilla*), Dark-eyed junco (*Junco hyemalis*), House finch (*Carpodacus mexicanus*), American goldfinch (*Carduelis tristis*), Lesser goldfinch (*Carduelis psaltria*), Pine siskin (*Carduelis pinus*), Pyrrhuloxia (*Cardinalis sinuatus*), Painted bunting (*Passerina ciris*), Spotted towhee (*Pipilo maculatus*).

Butterfly species observed during the restoration period.

Pipevine Swallowtail (*Battus philenor*), E. Tiger Swallowtail (*Papilio glaucus*), Black Swallowtail (*Papilio polyxenes*), Giant Swallowtail (*Papilio cresphontes*), Orange Sulphur (*Colias eurytheme*), Southern Dogface (*Zerene cesonia*), Clouded Sulphur (*Colias philodice*), Lyside Sulphur (*Kricogonia lyside*), Sleepy Orange (*Eurema nicippe*), Dainty Sulphur (*Nathalis iole*), Oak Hairstreak (*Satyrium favonius*), Soapberry Hairstreak (*Phaeostrymon alcestis*), Red-banded Hairstreak (*Calycopsis cecrops*), Juniper Hairstreak (*Callophrys gryneus*), Gray Hairstreak (*Strymon melinus*), Dusky-blue Groundstreak (*Calycopsis isobeon*), Ceranunus Blue (*Hemiargus ceraunus*), Reakirt's Blue (*Hemiargus isola*), Eastern Tailed Blue (*Everes comyntas*), American Snout (*Libytheana carinenta*), Gulf Fritillary (*Agraulis vanillae*), Variegated Fritillary (*Euptoieta claudia*), Texan Crescent (*Psyciodes texana*), Phaon Crescent (*Psyciodes phaon*), Pearl Crescent (*Psyciodes*

tharos), Silvery Checkerspot (*Chlosyne nycteis*), Questionmark (*Polygonia interrogationis*), Mourning Cloak (*Nymphalis antiopa*), American Lady (*Vanessa virginiensis*), Painted Lady (*Vanessa cardui*), Red Admiral (*Vanessa atalanta*), Common Buckeye (*Junonia coenia*), California Sister (*Adelpha bredowii*), Common Mestra (*Mestra amymone*), Tawny Emperor (*Asterocampa clyton*), Carolina Satyr (*Hermeuptychia sosybius*), Little Wood Satyr (*Megisto cymela*), Red Saytr (*Megisto rubricata*), Creole Pearly-eye (*Enodia creola*), Monarch (*Danaus plexippus*), Queen (*Danaus gilippus*), Juvenal's Duskywing (*Erynnis juvenalis*), Horace's Duskywing (*Erynnis horatius*), Mournful Duskywing (*Erynnis tristis*), Common Chekered-skipper (*Pyrgus philentas*), Celia's Roadside-Skipper (*Amblyscirtes celia*), Dotted Roadside Skipper (*Amblyscirtes tolteca*), Eufala Skipper (*Lerodea eufala*), Funereal Duskywing (*Erynnis funeralis*), Clouded Skipper (*Lerema accius*), Orange Skipperling (*Copaeodes aurantiacia*), Dun Roadside Skipper (*Euphyes vestris*), Southern Skipperling (*Copaeodes minima*), Fiery Skipper (*Hylephila phyleus*), Double-dotted Skipper (*Decinea percosius*), Pale-rayed Skipper (*Vidius perigenes*), Green Skipper (*Hesperia viridis*), Whirlabout (*Polites vibex*), Sachem (*Atalopedes campestris*), Oslar's Roadside-Skipper (*Ambyscirtes oslari*), Nysa Roadside-skipper (*Ambyscirtes nysa*), Ocala Skipper (*Panoquina ocala*).

Mammal and snake species observed during the restoration period.

White-tailed deer (*Odocoileus virginianus*), Chital "Axis" deer (*Cervus axis*), Bobcat (*Lynx rufus*), Gray fox (*Urocyon cinereoargenteus*), Coyote (*Canis latrans*), Raccoon (*Procyon lotor*), Possum (*Didelphis virginiana*), Nine-banded armadillo (*Dasypus novemcinctus*), Eastern fox squirrel (*Sciurus niger*), Eastern cottontail (*Sylvilagus floridanus*), Cave Myotis bat (*Myotis velifer*), House mouse (*Mus musculus*), Eastern hog-nosed snake (*Heterodon platirhinos*), Baird's rat snake (*Elaphe bairdi*), large tan-pinkish snake (unidentified).