

## **Appendix B**

### **Biological Resources in the Study Corridor Area**



<b>Mammals</b>		
Townsend's Big-eared Bat <i>Corynorhinus townsendii</i>	Silver-haired Bat <i>Lasiorycteris noctivagans</i>	Hoary Bat <i>Lasiurus cinereus</i>
Western Small-footed Myotis <i>Myotis ciliolabrum</i>	Western Pipistrelle <i>Pipistrellus hesperus</i>	Brazilian Free-tailed Bat <i>Tadarida brasiliensis</i>
Desert Cottontail <i>Sylvilagus audubonii</i>	Black-tailed Jackrabbit <i>Lepus californicus</i>	Thirteen-lined Ground Squirrel <i>Spermophilus tridecemlineatus</i>
Spotted Ground Squirrel <i>Spermophilus spilosoma</i>	Black-tailed Prairie Dog <i>Cynomys ludovicianus</i>	Plains Pocket Gopher <i>Geomys bursarius</i>
Yellow-faced Pocket Gopher <i>Cratogeomys castanops</i>	Silky Pocket Mouse <i>Perognathus flavus</i>	Plains Pocket Mouse <i>Perognathus flavescens</i>
Hispid Pocket Mouse <i>Chaetodipus hispidus</i>	Ord's Kangaroo Rat <i>Dipodomys ordii</i>	Banner-tailed Kangaroo Rat <i>Dipodomys spectabilis</i>
Plains Harvest Mouse <i>Reithrodontomys montanus</i>	Western Harvest Mouse <i>Reithrodontomys megalotis</i>	Deer Mouse <i>Peromyscus maniculatus</i>
White-footed Mouse <i>Peromyscus leucopus</i>	Northern Grasshopper Mouse <i>Onychomys leucogaster</i>	Hispid Cotton Rat <i>Sigmodon hispidus</i>
Southern Plains Woodrat <i>Neotoma micropus</i>	House Mouse (Introduced) <i>Mus musculus</i>	Porcupine <i>Erethizon dorsatum</i>
Coyote <i>Canis latrans</i>	Swift Fox <i>Vulpes velox</i>	Red Fox <i>Vulpes vulpes</i>
Gray Fox <i>Urocyon cinereoargenteus</i>	Ringtail <i>Bassariscus astutus</i>	Raccoon <i>Procyon lotor</i>
Long-tailed Weasel <i>Mustela frenata</i>	Badger <i>Taxidea taxus</i>	Striped Skunk <i>Mephitis mephitis</i>
Bobcat <i>Lynx rufus</i>	Mule Deer <i>Odocoileus hemionus</i>	Pronghorn <i>Antilocapra americana</i>
Source: Adams 2003		

Birds					
	May nest within the study corridor			May nest within the study corridor	
	Yes	No		Yes	No
Eared Grebe <i>Podiceps nigricollis</i>	•		Pied-billed Grebe <i>Podilymbus podiceps</i>	•	
Western Grebe <i>Aechmophorus occidentalis</i>		•	American White Pelican <i>Pelecanus erythrorhynchos</i>		•
Double-crested Cormorant <i>Phalacrocorax auritus</i>		•	American Bittern <i>Botaurus lentiginosus</i>		•
Great Blue Heron <i>Ardea herodias</i>		•	Great Egret <i>Ardea alba</i>		•
Snowy Egret <i>Egretta thula</i>		•	Cattle Egret <i>Bubuculus ibis</i>		•
Green Heron <i>Butorides virescens</i>		•	Black-crowned Night-heron <i>Nycticorax nycticorax</i>		•
White-faced Ibis <i>Plegadis chihi</i>		•	Canada Goose <i>Branta canadensis</i>		•
Mallard <i>Anas platyrhynchos</i>		•	Gadwall <i>Anas strepera</i>		•
Northern Pintail <i>Anas acuta</i>		•	American Wigeon <i>Anas americana</i>		•
Northern Shoveler <i>Anas clypeata</i>		•	Cinnamon Teal <i>Anas cyanoptera</i>		•
Blue-winged Teal <i>Anas discors</i>		•	Green-winged Teal <i>Anas crecca</i>		•
Canvasback <i>Aythya valisineria</i>		•	Redhead <i>Aythya americana</i>		•
Ring-necked Duck <i>Aythya collaris</i>		•	Lesser Scaup <i>Aythya affinis</i>		•
Common Goldeneye <i>Bucephala clangula</i>		•	Bufflehead <i>Bucephala albeola</i>		•
Common Merganser <i>Mergus merganser</i>		•	Ruddy Duck <i>Oxyura jamaicensis</i>		•
Turkey Vulture <i>Cathartes aura</i>	•		Northern Harrier <i>Circus cyaneus</i>		•
Mississippi Kite <i>Ictinia mississippiensis</i>	•		Sharp-shinned Hawk <i>Accipiter striatus</i>		•
Cooper's Hawk <i>Accipiter cooperii</i>	•		Swainson's Hawk <i>Buteo swainsoni</i>		•
Red-tailed Hawk <i>Buteo jamaicensis</i>	•		Ferruginous Hawk <i>Buteo regalis</i>		•
Rough-legged Hawk <i>Buteo lagopus</i>		•	Golden Eagle <i>Aquila chrysaetos</i>	•	
Bald Eagle <i>Haliaeetus leucocephalus</i>		•	Osprey <i>Pandion haliaetus</i>		•
Merlin <i>Falco columbarius</i>		•	American Kestrel <i>Falco sparverius</i>	•	
Prairie Falcon <i>Falco mexicanus</i>		•	Peregrine Falcon <i>Falco peregrinus</i>		•
Northern Bobwhite <i>Colinus virginianus</i>	•		Scaled Quail <i>Callipepla squamata</i>	•	

Birds					
	May nest within the study corridor			May nest within the study corridor	
	Yes	No		Yes	No
Lesser Prairie-chicken <i>Tympanuchus pallidicinctus</i>	•		Ring-necked Pheasant <i>Phasianus colchicus</i>	•	
American Coot <i>Fulica americana</i>	•		Virginia Rail <i>Rallus limicola</i>		•
Sora <i>Porzana carolina</i>	•		Sandhill Crane <i>Grus canadensis</i>		•
Mountain Plover <i>Charadrius montanus</i>		•	Killdeer <i>Charadrius vociferus</i>	•	
American Avocet <i>Recurvirostra americana</i>	•		Black-necked Stilt <i>Himantopus mexicanus</i>	•	
Greater Yellowlegs <i>Tringa melanoleuca</i>		•	Lesser Yellowlegs <i>Tringa flavipes</i>		•
Spotted Sandpiper <i>Actitis macularia</i>		•	Upland Sandpiper <i>Bartramia longicauda</i>		•
Long-billed Curlew <i>Numenius americanus</i>	•		Pectoral Sandpiper <i>Calidris melanotos</i>		•
White-rumped Sandpiper <i>Calidris fuscicollis</i>		•	Baird's Sandpiper <i>Calidris bairdii</i>		•
Western Sandpiper <i>Calidris mauri</i>		•	Semipalmated Sandpiper <i>Calidris pusilla</i>		•
Least Sandpiper <i>Calidris minutilla</i>		•	Long-billed Dowitcher <i>Limnodromus scolopaceus</i>		•
Wilson's Snipe <i>Gallinago gallinago</i>		•	Wilson's Phalarope <i>Phalaropus tricolor</i>		•
Bonaparte's Gull <i>Larus philadelphia</i>		•	Franklin's Gull <i>Larus pipixcan</i>		•
Ring-billed Gull <i>Larus delawarensis</i>		•	Herring Gull <i>Larus argentatus</i>		•
Forster's Tern <i>Sterna forsteri</i>		•	Black Tern <i>Chlidonias niger</i>		•
Mourning Dove <i>Zenaida macroura</i>	•		White-winged Dove <i>Zenaida asiatica</i>	•	
Inca Dove <i>Columbina inca</i>	•		Rock Pigeon <i>Columba livia</i>	•	
Yellow-billed Cuckoo <i>Coccyzus americanus</i>		•	Greater Roadrunner <i>Geococcyx californianus</i>	•	
Barn Owl <i>Tyto alba</i>	•		Long-eared Owl <i>Asio otus</i>		•
Short-eared Owl <i>Asio flammeus</i>		•	Great Horned Owl <i>Bubo virginianus</i>	•	
Burrowing Owl <i>Athene cunicularia</i>	•		Western Screech-owl <i>Otus kennicottii</i>	•	
Common Poorwill <i>Phalaenoptilus nuttallii</i>	•		Common Nighthawk <i>Chordeiles minor</i>	•	
Chimney Swift <i>Cypseloides niger</i>		•	Broad-tailed Hummingbird <i>Selasphorus platycercus</i>	•	
Rufous Hummingbird <i>Selasphorus rufus</i>		•	Belted Kingfisher <i>Ceryle alcyon</i>		•

Birds					
	May nest within the study corridor			May nest within the study corridor	
	Yes	No		Yes	No
Red-headed Woodpecker <i>Melanerpes erythrocephalus</i>	•		Ladder-backed Woodpecker <i>Picoides scalaris</i>	•	
Northern Flicker <i>Colaptes auratus</i>	•		Olive-sided Flycatcher <i>Contopus cooperi</i>		•
Western Wood-pewee <i>Contopus sordidulus</i>		•	Willow Flycatcher <i>Empidonax traillii</i>		•
Least Flycatcher <i>Empidonax minimus</i>		•	Eastern Phoebe <i>Sayornis phoebe</i>	•	
Say's Phoebe <i>Sayornis saya</i>	•		Vermilion Flycatcher <i>Pyrocephalus rubinus</i>	•	
Ash-throated Flycatcher <i>Myiarchus cinerascens</i>	•		Eastern Kingbird <i>Tyrannus tyrannus</i>	•	
Western Kingbird <i>Tyrannus verticalis</i>	•		Scissor-tailed Flycatcher <i>Tyrannus forficatus</i>	•	
Loggerhead Shrike <i>Lanius ludovicianus</i>	•		Red-eyed Vireo <i>Vireo olivaceus</i>		•
Warbling Vireo <i>Vireo gilvus</i>		•	Plumbeus Vireo <i>Vireo plumbeus</i>		•
Chihuahuan Raven <i>Corvus cryptoleucus</i>	•		American Crow <i>Corvus brachyrhynchos</i>		•
Horned Lark <i>Eremophila alpestris</i>	•		Purple Martin <i>Progne subis</i>	•	
Northern Rough-winged Swallow <i>Stelgidopteryx serripennis</i>	•		Bank Swallow <i>Riparia riparia</i>		•
Tree Swallow <i>Tachycineta bicolor</i>		•	Cliff Swallow <i>Petrochelidon pyrrhonota</i>	•	
Barn Swallow <i>Hirundo rustica</i>	•		Red-breasted Nuthatch <i>Sitta canadensis</i>		•
Brown Creeper <i>Certhia americana</i>		•	Bewick's Wren <i>Thryomanes bewickii</i>	•	
House Wren <i>Troglodytes aedon</i>	•		Marsh Wren <i>Cistothorus palustris</i>		•
Rock Wren <i>Salpinctes obsoletus</i>	•		Golden-crowned Kinglet <i>Regulus satrapa</i>		•
Ruby-crowned Kinglet <i>Regulus calendula</i>		•	Blue-gray Gnatcatcher <i>Polioptila caerulea</i>	•	
Townsend's Solitaire <i>Myadestes townsendi</i>		•	Mountain Bluebird <i>Sialia currucoides</i>		•
Western Bluebird <i>Sialia mexicana</i>	•		Eastern Bluebird <i>Sialia sialis</i>		•
American Robin <i>Turdus migratorius</i>	•		Veery <i>Catharus fuscescens</i>		•
Swainson's Thrush <i>Catharus ustulatus</i>		•	Hermit Thrush <i>Catharus guttatus</i>		•
Gray Catbird <i>Dumetella carolinensis</i>		•	Northern Mockingbird <i>Mimus polyglottos</i>	•	

Birds					
	May nest within the study corridor			May nest within the study corridor	
	Yes	No		Yes	No
Curve-billed Thrasher <i>Toxostoma curvirostre</i>	●		Sage Thrasher <i>Oreoscoptes montanus</i>		●
European Starling <i>Sturnus vulgaris</i>	●		Sprague's Pipit <i>Anthus spragueii</i>		●
American Pipit <i>Anthus rubescens</i>		●	Cedar Waxwing <i>Bombycilla cedrorum</i>		●
Orange-crowned Warbler <i>Vermivora celata</i>		●	Virginia's Warbler <i>Vermivora virginiae</i>		●
Nashville Warbler <i>Vermivora ruficapilla</i>		●	Yellow Warbler <i>Dendroica petechia</i>	●	
Yellow-rumped Warbler <i>Dendroica coronata</i>		●	Black-throated Gray Warbler <i>Dendroica nigrescens</i>		●
Townsend's Warbler <i>Dendroica townsendi</i>		●	Black-and-white Warbler <i>Mniotilta varia</i>		●
American Redstart <i>Setophaga ruticilla</i>		●	Northern Waterthrush <i>Seiurus noveboracensis</i>		●
Common Yellowthroat <i>Geothlypis trichas</i>	●		Wilson's Warbler <i>Wilsonia pusilla</i>		●
Yellow-breasted Chat <i>Icteria virens</i>	●		Western Tanager <i>Piranga ludoviciana</i>		●
Blue Grosbeak <i>Guiraca caerulea</i>	●		Lazuli Bunting <i>Passerina amoena</i>	●	
Indigo Bunting <i>Passerina cyanea</i>	●		Dickcissel <i>Spiza americana</i>	●	
Spotted Towhee <i>Pipilo maculatus</i>		●	Green-tailed Towhee <i>Pipilo chlorurus</i>		●
Rufous-crowned Sparrow <i>Aimophila ruficeps</i>	●		Cassin's Sparrow <i>Aimophila cassinii</i>	●	
Field Sparrow <i>Spizella pusilla</i>		●	Brewer's Sparrow <i>Spizella breweri</i>		●
Clay-colored Sparrow <i>Spizella pallida</i>		●	Chipping Sparrow <i>Spizella passerina</i>		●
Savannah Sparrow <i>Passerculus sandwichensis</i>		●	Vesper Sparrow <i>Poecetes gramineus</i>		●
Lark Bunting <i>Calamospiza melanocorys</i>	●		Lark Sparrow <i>Chondestes grammacus</i>	●	
Harris's Sparrow <i>Zonotrichia querula</i>		●	White-throated Sparrow <i>Zonotrichia albicollis</i>		●
White-crowned Sparrow <i>Zonotrichia leucophrys</i>		●	Fox Sparrow <i>Passerella iliaca</i>		●
Song Sparrow <i>Melospiza melodia</i>		●	Lincoln's Sparrow <i>Melospiza lincolnii</i>		●
Dark-eyed Junco <i>Junco hyemalis</i>		●	McCown's Longspur <i>Calcarius mccownii</i>		●
Chestnut-collared Longspur <i>Calcarius ornatus</i>		●	Lapland Longspur <i>Calcarius lapponicus</i>		●
Western Meadowlark <i>Sturnella neglecta</i>	●		Eastern Meadowlark <i>Sturnella magna</i>	●	

Birds					
	May nest within the study corridor			May nest within the study corridor	
	Yes	No		Yes	No
Brown-headed Cowbird <i>Molothrus ater</i>	●		Yellow-headed Blackbird <i>Xanthocephalus xanthocephalus</i>		●
Red-winged Blackbird <i>Agelaius phoeniceus</i>	●		Brewer's Blackbird <i>Euphagus cyanocephalus</i>		●
Common Grackle <i>Quiscalus quiscula</i>	●		Great-tailed Grackle <i>Quiscalus mexicanus</i>	●	
Bullock's Oriole <i>Icterus bullockii</i>	●		Orchard Oriole <i>Icterus spurius</i>	●	
House Finch <i>Carpodacus mexicanus</i>	●		American Goldfinch <i>Carduelis tristis</i>		●
House Sparrow <i>Passer domesticus</i>	●				

Source: Sibley 2000

Reptiles		
Snapping Turtle <i>Chelydra serpentina</i>	Ornate Box Turtle <i>Terrapene ornata</i>	Yellow Mud Turtle <i>Kinosternon flavescens</i>
Eastern Collared Lizard <i>Crotaphytus collaris</i>	Lesser Earless Lizard <i>Holbrookia maculata</i>	Texas Horned Lizard <i>Phrynosoma cornutum</i>
Prairie Lizard <i>Sceloporus consobrinus</i>	Common Side-blotched Lizard <i>Uta stansburiana</i>	Six-lined Racerunner <i>Aspidoscelis sexlineatus</i>
Many-lined Skink <i>Plestiodon multivirgatus</i>	Great Plains Skink <i>Plestiodon obsoletus</i>	Texas Blind Snake <i>Leptotyphlops dulcis</i>
Glossy Snake <i>Arizona elegans</i>	Racer <i>Coluber constrictor</i>	Ringneck Snake <i>Diadophis punctatus</i>
Great Plains Rat Snake <i>Elaphe (Pantherophis) emoryi</i>	Western Hognose Snake <i>Heterodon nasicus</i>	Common Kingsnake <i>Lampropeltis getula</i>
Milk Snake <i>Lampropeltis triangulum</i>	Coachwhip <i>Masticophis flagellum</i>	Gopher Snake <i>Pituophis catenifer</i>
Longnose Snake <i>Rhinocheilus lecontei</i>	Ground Snake <i>Sonora semiannulata</i>	Plains Black-headed Snake <i>Tantilla nigriceps</i>
Checkered Garter Snake <i>Thamnophis marcianus</i>	Western Diamondback Rattlesnake <i>Crotalus atrox</i>	Prairie Rattlesnake <i>Crotalus viridis</i>

Source: Degenhardt et al. 1996

Amphibians		
Tiger Salamander <i>Ambystoma tigrinum</i>	Couch's Spadefoot <i>Scaphiopus couchii</i>	Plains Spadefoot <i>Spea bombifrons</i>
New Mexico Spadefoot <i>Spea multiplicata</i>	Great Plains Toad <i>Bufo (Anaxyrus) cognatus</i>	Green Toad <i>Bufo (Anaxyrus) debilis</i>
Woodhouse's Toad <i>Bufo (Anaxyrus) woodhousii</i>	Plains Leopard Frog <i>Lithobates blairi</i>	American Bullfrog (Introduced) <i>Lithobates catesbeianus</i>

Source: Degenhardt et al. 1996