

APPENDIX D: MIGRATORY BIRD SPECIES LIST

MIGRATORY BIRD SPECIES LIST

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
pied-billed grebe <i>Podilymbus podiceps</i>	open water, wetlands / nesting, foraging	SLB
eared grebe <i>Podiceps nigricollis</i>	open water, wetlands / nesting, foraging	SLB
western grebe <i>Aechmophorus occidentalis</i>	open water, wetlands / nesting, foraging	SLB
Clark's grebe <i>Aechmophorus clarkii</i>	open water, wetlands / resting, foraging	SLB
American white pelican <i>Pelecanus erythrorhynchos</i>	open water / resting, foraging	SLB
double-crested cormorant <i>Phalacrocorax auritus</i>	open water / resting, foraging	SLB
American bittern <i>Botaurus lentiginosus</i>	wetlands / nesting, foraging	SLB
great blue heron <i>Ardea herodias</i>	wetlands / foraging	SLB
great egret <i>Ardea alba</i>	wetlands / foraging	SLB
snowy egret <i>Egretta thula</i>	wetlands / nesting, foraging	SLB
little blue heron <i>Egretta caerulea</i>	wetlands / foraging	SLB
cattle egret <i>Bubulcus ibis</i>	wetlands / nesting, foraging	SLB
green heron <i>Butorides virescens</i>	wetlands / foraging	SLB
black-crowned night-heron <i>Nycticorax nycticorax</i>	wetlands / nesting, foraging	SLB
white-faced ibis <i>Plegadis chihi</i>	wetlands / foraging	SLB
turkey vulture <i>Cathartes aura</i>	All / foraging	TM, GP, BC, LJ, SLB
greater white-fronted goose <i>Anser albifrons</i>	wetlands, agricultural lands / foraging	SLB
snow goose <i>Chen caerulescens</i>	wetlands, agricultural lands / foraging	SLB
Ross' goose <i>Chen rossii</i>	wetlands, agricultural lands / foraging	SLB
Canada goose <i>Branta canadensis</i>	wetlands, agricultural lands / nesting, foraging	SLB
tundra swan <i>Cygnus columbianus</i>	wetlands, open water / foraging	SLB
wood duck	wetlands, open water /	SLB

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
<i>Aix sponsa</i>	foraging	
gadwall <i>Anas strepera</i>	wetlands, agricultural lands / nesting, foraging	SLB
American wigeon <i>Anas americana</i>	wetlands, agricultural lands / nesting, foraging	SLB
Mallard <i>Anas platyrhynchos</i>	wetlands, agricultural lands / nesting, foraging	SLB
blue-winged teal <i>Anas discors</i>	wetlands, agricultural lands / nesting, foraging	SLB
cinnamon teal <i>Anas cyanoptera</i>	wetlands, agricultural lands / nesting, foraging	SLB
northern shoveler <i>Anas clypeata</i>	wetlands, agricultural lands / nesting, foraging	SLB
northern pintail <i>Anas acuta</i>	wetlands, agricultural lands / nesting, foraging	SLB
green-winged teal <i>Anas crecca</i>	wetlands, agricultural lands / nesting, foraging	SLB
canvasback <i>Aythya valisineria</i>	wetlands, open water, agricultural lands / foraging	SLB
redhead <i>Aythya americana</i>	wetlands, open water, agricultural lands / nesting, foraging	SLB
ring-necked duck <i>Aythya collaris</i>	wetlands, open water, agricultural lands / foraging	SLB
greater scaup <i>Aythya marila</i>	wetlands, open water, agricultural lands / foraging	SLB
lesser scaup <i>Aythya affinis</i>	wetlands, open water, agricultural lands / foraging	SLB
bufflehead <i>Bucephala albeola</i>	wetlands, open water, agricultural lands / foraging	SLB
common goldeneye <i>Bucephala clangula</i>	wetlands, open water, agricultural lands / foraging	SLB
common merganser <i>Mergus merganser</i>	wetlands, open water, agricultural lands / foraging	SLB
ruddy duck <i>Oxyura jamaicensis</i>	wetlands, open water, agricultural lands / nesting, foraging	SLB
osprey <i>Pandion haliaetus</i>	wetlands, open water, agricultural lands / foraging	SLB
bald eagle	wetlands, open water,	TM, GP, BC, LJ, SLB

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
<i>Haliaeetus leucocephalus</i>	agricultural lands / foraging	
northern harrier <i>Circus cyaneus</i>	wetlands, uplands, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
sharp-shinned hawk <i>Accipiter striatus</i>	uplands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
Cooper's hawk <i>Accipiter cooperi</i>	woodlands / foraging	TM, BC, GP, LJ, SLB
northern goshawk <i>Accipiter gentilis</i>	woodlands / foraging	TM, BC, GP, LJ, TM
Swainson's hawk <i>Buteo swainsoni</i>	wetlands, uplands, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
red-tailed hawk <i>Buteo jamaicensis</i>	wetlands, uplands, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
ferruginous hawk <i>Buteo regalis</i>	uplands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
rough-legged hawk <i>Buteo lagopus</i>	uplands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
golden eagle <i>Aquila chrysaetos</i>	wetlands, uplands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
American kestrel <i>Falco sparverius</i>	wetlands, uplands, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
merlin <i>Falco columbarius</i>	wetlands, uplands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
peregrine falcon <i>Falco peregrinus</i>	wetlands, uplands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
prairie falcon <i>Falco mexicanus</i>	wetlands, uplands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
Virginia rail <i>Rallus limicola</i>	wetlands / nesting, foraging	SLB
sora <i>Porzana carolina</i>	wetlands / nesting, foraging	SLB
American coot <i>Fulica americana</i>	wetlands, open water / nesting, foraging	SLB
sandhill crane <i>Grus canadensis</i>	wetlands, shallow open water, agricultural lands / resting, foraging	SLB
black-bellied plover <i>Pluvialis squatarola</i>	mudflats, wetlands / foraging	SLB
semipalmated plover <i>Charadrius semipalmatus</i>	mudflats, wetlands / foraging	SLB
killdeer <i>Charadrius vociferous</i>	mudflats, wetlands / nesting, foraging	SLB
mountain plover <i>Charadrius montanus</i>	mudflats, wetlands / foraging	SLB
black-necked stilt	mudflats, wetlands / nesting,	SLB

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
<i>Himantopus mexicanus</i>	foraging	
American avocet <i>Recurvirostra americana</i>	mudflats, wetlands / nesting, foraging	SLB
greater yellowlegs <i>Tringa melanoleuca</i>	mudflats, wetlands / foraging	SLB
lesser yellowlegs <i>Tringa flavipes</i>	mudflats, wetlands / foraging	SLB
solitary sandpiper <i>Tringa solitaria</i>	mudflats, wetlands / foraging	SLB
willet <i>Catoptrophorus semipalmatus</i>	mudflats, wetlands / foraging	SLB
spotted sandpiper <i>Actitis macularia</i>	mudflats, wetlands / nesting, foraging	SLB
long-billed curlew <i>Numenius americanus</i>	mudflats, wetlands / foraging	SLB
marbled godwit <i>Limosa fedoa</i>	mudflats, wetlands / foraging	SLB
sanderling <i>Calidris alba</i>	mudflats, wetlands / foraging	SLB
western sandpiper <i>Calidrus mauri</i>	mudflats, wetlands / foraging	SLB
least sandpiper <i>Calidrus minutilla</i>	mudflats, wetlands / foraging	SLB
Baird's sandpiper <i>Calidrus bairdii</i>	mudflats, wetlands / foraging	SLB
pectoral sandpiper <i>Calidrus melanotos</i>	mudflats, wetlands / foraging	SLB
stilt sandpiper <i>Calidrus himantopus</i>	mudflats, wetlands / foraging	SLB
long-billed dowitcher <i>Limnodromus scolopaceus</i>	mudflats, wetlands / foraging	SLB
common snipe <i>Gallinago gallinago</i>	wetlands / nesting, foraging	SLB
Wilson's phalarope <i>Phalaropus tricolor</i>	mudflats, wetlands / nesting, foraging	SLB
Franklin's gull <i>Larus pipixcan</i>	open water, agricultural land / foraging	SLB
Bonaparte's gull <i>Larus philadelphia</i>	open water, agricultural land / foraging	SLB
ring-billed gull <i>Larus delawarensis</i>	open water, agricultural land / foraging	SLB
Forster's tern <i>Sterna forsteri</i>	open water, agricultural land / foraging	SLB
black tern <i>Chlidonias niger</i>	open water, agricultural land / nesting, foraging	SLB
band-tailed pigeon	woodlands, forests / foraging	TM, GP, BC, LJ

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
<i>Columba fasciata</i>		
mourning dove <i>Zenaidura macroura</i>	woodlands, shrublands, uplands, agricultural land / nesting, foraging	TM, GP, BC, LJ, SLB
yellow-billed cuckoo <i>Coccyzus americanus</i>	riparian woodlands / foraging	SLB
flamulated owl <i>Otus flammeolus</i>	woodlands, forests / foraging	TM, GP, BC, LJ
barn owl <i>Tyto alba</i>	agricultural land, wetlands, uplands / foraging	SLB
great horned owl <i>Bubo virginianus</i>	woodlands, forests, agricultural land / nesting, foraging	TM, GP, BC, LJ, SLB
northern pygmy owl <i>Glaucidium gnoma</i>	forests / foraging	TM, GP, BC, LJ
burrowing owl <i>Athene cunicularia</i>	plains / nesting, foraging	SLB
long-eared owl <i>Asio otus</i>	woodlands, forests / foraging	TM, GP, BC, LJ
short-eared owl <i>Asio flammeus</i>	wetlands, dunes / nesting, foraging	SLB
northern saw-whet owl <i>Aegolius acadicus</i>	forests / foraging	TM, GP, BC, LJ
common nighthawk <i>Chordeiles minor</i>	grasslands, agricultural land / nesting, foraging	SLB
common poorwill <i>Phalaenoptilus nuttallii</i>	shrublands, woodlands / foraging	TM, GP, BC, LJ, SLB
white-throated swift <i>Aeronautes saxatilis</i>	canyons / foraging	TM, GP, BC, LJ
black-chinned hummingbird <i>Archilochus alexandri</i>	woodlands, canyons / foraging	TM, GP, BC, LJ
broad-tailed hummingbird <i>Selasphorus platycercus</i>	forests, montane grasslands / foraging	TM, BC, LJ
rufous hummingbird <i>Selasphorus rufus</i>	forests, montane grasslands / foraging	TM, BC, LJ
belted kingfisher <i>Ceryle alcyon</i>	open water, riparian / nesting, foraging	SLB
Lewis' woodpecker <i>Melanerpes lewis</i>	woodlands / foraging	TM, GP, BC, LJ
Williamson's sapsucker <i>Sphyrapicus thyroideus</i>	woodlands, forests / foraging	TM, GP, BC, LJ
yellow-bellied sapsucker <i>Sphyrapicus varius</i>	aspen forests / nesting, foraging	GP, LJ
red-naped sapsucker <i>Sphyrapicus nuchalis</i>	aspen forests / nesting, foraging	GP, LJ
downy woodpecker <i>Picoides pubescens</i>	woodlands, riparian, agricultural lands / foraging	TM, GP, BC, LJ, SLB

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
hairy woodpecker <i>Picoides villosus</i>	forests, woodlands / foraging	TM, GP, BC, LJ
three-toed woodpecker <i>Picoides tridactylus</i>	forests, woodlands / foraging	TM, GP, BC, LJ
northern flicker <i>Colaptes auratus</i>	woodlands, riparian, agricultural lands / foraging	TM, GP, BC, LJ, SLB
olive-sided flycatcher <i>Contopus cooperi</i>	forests / foraging	TM, BC, LJ
western wood-peewee <i>Contopus sordidulus</i>	forests, woodlands, canyons / nesting, foraging	TM, GP, BC, LJ
dusky flycatcher <i>Empidonax oberholseri</i>	shrublands, woodlands / foraging	TM, GP, BC, LJ, SLB
gray flycatcher <i>Empidonax wrightii</i>	shrublands, woodlands / foraging	TM, GP, BC, LJ, SLB
western flycatcher <i>Empidonax difficilis</i>	forests, woodlands, riparian, canyons / foraging	TM, GP, BC, LJ, SLB
willow flycatcher <i>Empidonax traillii</i>	shrublands, riparian, woodlands / nesting, foraging	TM, GP, BC, LJ, SLB
southwestern willow flycatcher <i>Empidonax traillii extrimus</i>	shrublands, riparian, woodlands / nesting, foraging	SLB
ash-throated flycatcher <i>Myiarchus cinerascens</i>	woodlands, riparian / foraging	TM, GP, BC, LJ, SLB
Say's phoebe <i>Sayornis saya</i>	badlands, shrublands, woodlands, cliffs / nesting, foraging	TM, GP, BC, LJ, SLB
Cassin's kingbird <i>Tyrannus vociferans</i>	woodlands, riparian / foraging	TM, GP, BC, LJ, SLB
western kingbird <i>Tyrannus verticalis</i>	woodlands, riparian, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
eastern kingbird <i>Tyrannus tyrannus</i>	woodlands, riparian, wetlands, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
loggerhead shrike <i>Lanius ludovicianus</i>	woodlands, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
northern shrike <i>Lanius excubitor</i>	forests, woodlands, riparian, wetlands, grasslands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
solitary vireo <i>Vireo solitarius</i>	forests / foraging	BC, LJ
warbling vireo <i>Vireo gilvus</i>	aspen forests / foraging	GP, LJ
gray jay <i>Perisoreus canadensis</i>	forests / foraging	TM, GP, BC, LJ, SLB
Stellar's jay <i>Cyanocitta stelleri</i>	forests, woodlands / foraging	TM, GP, BC, LJ, SLB
scrub jay <i>Aphelocoma coerulescens</i>	woodlands, shrublands / foraging	TM, GP, BC, LJ, SLB

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
pinyon jay <i>Gymnorhinus cyanocephalus</i>	woodlands / foraging	TM, GP, BC, LJ, SLB
Clark's nutcracker <i>Nucifraga columbiana</i>	forests, woodlands / foraging	TM, GP, BC, LJ, SLB
black-billed magpie <i>Pica hudsonia</i>	all habitats / nesting, foraging	TM, GP, BC, LJ, SLB
American crow <i>Corvus brachyrhynchos</i>	woodlands, forests, agricultural lands / foraging	TM, GP, BC, LJ, SLB
common raven <i>Corvus corax</i>	all habitats / nesting, foraging	TM, GP, BC, LJ, SLB
horned lark <i>Eremophila alpestris</i>	grasslands, agricultural lands / nesting, foraging	GP, BC, LJ, SLB
tree swallow <i>Tachycineta bicolor</i>	riparian, wetlands, agricultural lands / nesting, foraging	SLB
violet-green swallow <i>Tachycineta thalassina</i>	forests, woodlands, canyons / foraging	TM, GP, BC, LJ
northern rough-winged swallow <i>Stelgidopteryx serripennis</i>	riparian, open water, bluffs / nesting, foraging	SLB
bank swallow <i>Riparia riparia</i>	grasslands, riparian, open water, bluffs / foraging	SLB
cliff swallow <i>Petrochelidon pyrrhonota</i>	agricultural lands, riparian, open water, bluffs / nesting, foraging	SLB
barn swallow <i>Hirundo rustica</i>	agricultural lands, riparian, open water, bluffs / nesting, foraging	SLB
black-capped chickadee <i>Poecile atricapella</i>	woodlands, forests / foraging	TM, GP, BC, LJ, SLB
mountain chickadee <i>Poecile gambeli</i>	forests, riparian / foraging	TM, GP, BC, LJ, SLB
plain titmouse <i>Parus inornatus</i>	woodlands / foraging	TM, GP, BC, LJ, SLB
bushtit <i>Psaltriparus mimimus</i>	woodlands, shrublands / foraging	TM, GP, BC, LJ, SLB
red-breasted nuthatch <i>Sitta canadensis</i>	woodlands, shrublands / foraging	TM, GP, BC, LJ, SLB
white-breasted nuthatch <i>Sitta carolinensis</i>	woodlands, forests / foraging	TM, GP, BC, LJ, SLB
pygmy nuthatch <i>Sitta pygmaea</i>	woodlands, forests / foraging	TM, GP, BC, LJ, SLB
brown creeper <i>Certhia americana</i>	woodlands, forests / foraging	TM, GP, BC, LJ, SLB
rock wren <i>Salpinctes obsoletus</i>	canyons, rock outcrops, cliffs, talus / foraging	TM, GP, BC, LJ, SLB
canyon wren <i>Catherpes mexicanus</i>	canyons, rock outcrops, cliffs, bouldery streams / foraging	TM, GP, BC, LJ, SLB
house wren <i>Troglodytes aedon</i>	forests, woods, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
marsh wren <i>Cistothorus palustris</i>	wetlands, agricultural lands / nesting, foraging	SLB
American dipper <i>Cinclus mexicanus</i>	aquatic (streams), wetlands / foraging	TM, GP, BC, LJ, SLB
golden-crowned kinglet <i>Regulus satrapa</i>	forests / foraging	TM, GP, BC, LJ, SLB
ruby-crowned kinglet <i>Regulus calendula</i>	forests, woodlands / foraging	TM, GP, BC, LJ, SLB
blue-gray gnatcatcher <i>Poliophtila caerulea</i>	forests, woodlands, riparian / foraging	TM, GP, BC, LJ, SLB
western bluebird <i>Sialia mexicana</i>	forests, woodlands, riparian / foraging	TM, GP, BC, LJ, SLB
mountain bluebird <i>Sialia currucoides</i>	forests, woodlands, riparian / foraging	TM, GP, BC, LJ, SLB
Townsend's solitaire <i>Myadestes townsendi</i>	forests, woodlands, riparian / foraging	TM, GP, BC, LJ, SLB
Swainson's thrush <i>Catharus ustulatus</i>	forests, woodlands, riparian / foraging	TM, GP, BC, LJ, SLB
hermit thrush <i>Catharus guttatus</i>	forests, woodlands, riparian / foraging	TM, GP, BC, LJ, SLB
American robin <i>Turdus migratorius</i>	all habitats / nesting, foraging	TM, GP, BC, LJ, SLB
gray catbird <i>Dumetella carolinensis</i>	shrublands, wetlands / foraging	SLB
northern mockingbird <i>Mimus polyglottos</i>	agricultural lands / foraging	SLB
sage thrasher <i>Oreoscoptes montanus</i>	shrublands, woodlands / foraging	TM, GP, BC, LJ, SLB
brown thrasher <i>Toxostoma rufum</i>	shrublands, woodlands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
American water pipit <i>Anthus rubescens</i>	alpine tundra / foraging	Unknown
Bohemian waxwing <i>Bombycilla garrulus</i>	forests, wetlands / foraging	TM, GP, BC, LJ, SLB
cedar waxwing <i>Bombycilla cedrorum</i>	forests, wetlands / foraging	TM, GP, BC, LJ, SLB
orange-crowned warbler <i>Vermivora celata</i>	woodlands, shrublands / foraging	TM, GP, BC, LJ, SLB
Virginia's warbler <i>Vermivora virginiae</i>	woodlands, shrublands, riparian / foraging	TM, GP, BC, LJ, SLB
yellow warbler <i>Dendroica petechia</i>	wetlands, riparian / nesting, foraging	TM, GP, BC, LJ, SLB
yellow-rumped warbler <i>Dendroica coronata</i>	forests / foraging	TM, GP, BC, LJ, SLB
black-throated gray warbler <i>Dendroica nigrescens</i>	forests, woodlands / foraging	TM, GP, BC, LJ, SLB

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
Townsend's warbler <i>Dendroica townsendi</i>	forests, woodlands / foraging	TM, GP, BC, LJ, SLB
Grace's warbler <i>Dendroica graciae</i>	forests, woodlands / foraging	TM, GP, BC, LJ, SLB
ovenbird <i>Seiurus aurocapillus</i>	aspen forests, riparian / foraging	BC, LJ, SLB
northern waterthrush <i>Seiurus noveboracensis</i>	riparian, woodlands / foraging	TM, GP, BC, LJ, SLB
MacGillivray's warbler <i>Oporornis tolmiei</i>	riparian, woodlands, shrublands / foraging	TM, GP, BC, LJ, SLB
common yellowthroat <i>Geothlypis trichas</i>	riparian, woodlands, shrublands / nesting, foraging	TM, GP, BC, LJ, SLB
Wilson's warbler <i>Wilsonia pusilla</i>	riparian, woodlands, shrublands / foraging	TM, GP, BC, LJ, SLB
western tanager <i>Piranga ludoviciana</i>	forests, canyons / foraging	TM, GP, BC, LJ, SLB
rosy finch <i>Leucosticte arctoa</i>	alpine grasslands, tundra, agricultural lands / foraging	SLB
pine grosbeak <i>Pinicola enucleator</i>	forests / foraging	TM, GP, BC, LJ, SLB
Cassin's finch <i>Carpodacus cassinii</i>	forests / foraging	TM, GP, BC, LJ, SLB
house finch <i>Carpodacus mexicanus</i>	woodlands, shrublands, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
red crossbill <i>Loxia curirostra</i>	forests / foraging	TM, GP, BC, LJ, SLB
common redpoll <i>Carduelis flammea</i>	forests / foraging	TM, GP, BC, LJ, SLB
pine siskin <i>Carduelis pinus</i>	forests / foraging	TM, GP, BC, LJ, SLB
lesser goldfinch <i>Carduelis psaltria</i>	woodlands, riparian, agricultural lands / foraging	TM, GP, BC, LJ, SLB
American goldfinch <i>Carduelis tristis</i>	riparian, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
evening grosbeak <i>Coccothraustes vespertinus</i>	forests / foraging	TM, GP, BC, LJ, SLB
rose-breasted grosbeak <i>Pheucticus ludovicianus</i>	woodlands, riparian, agricultural lands / foraging	TM, GP, BC, LJ, SLB
black-headed grosbeak <i>Pheucticus melanocephalus</i>	woodlands, shrublands, riparian, agricultural lands / foraging	TM, GP, BC, LJ, SLB
blue grosbeak <i>Guiraca caerulea</i>	woodlands, riparian, agricultural lands / foraging	TM, GP, BC, LJ, SLB
lazuli bunting <i>Passerina amoena</i>	woodlands, shrublands, riparian, agricultural lands / foraging	TM, GP, BC, LJ, SLB
indigo bunting	woodlands, riparian, agricultural	TM, GP, BC, LJ, SLB

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
<i>Passerina cyanea</i>	lands / foraging	
green-tailed towhee <i>Pipilo chlorurus</i>	shrublands / foraging	TM, GP, BC, LJ, SLB
spotted towhee <i>Pipilo maculatus</i>	shrublands, riparian / foraging	TM, GP, BC, LJ, SLB
roufous-sided towhee <i>Pipilo erythrophthalmus</i>	shrublands, riparian / foraging	TM, GP, BC, LJ, SLB
brown towhee <i>Pipilo fuscus</i>	woodlands, shrublands / foraging	TM, GP, BC, LJ, SLB
Cassin's sparrow <i>Aimophila cassinii</i>	grasslands, dunes / foraging	BC, LJ, SLB
American tree sparrow <i>Spizella arborea</i>	alpine, woodlands / foraging	TM, GP, BC, LJ, SLB
chipping sparrow <i>Spizella passerina</i>	forests, woodlands, shrublands, grasslands, riparian, agricultural lands / foraging	TM, GP, BC, LJ, SLB
Brewer's sparrow <i>Spizella breweri</i>	woodlands, shrublands / nesting, foraging	TM, GP, BC, LJ, SLB
vesper sparrow <i>Poocetes gramineus</i>	woodlands, shrublands, grasslands, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
lark sparrow <i>Chondestes grammacus</i>	grasslands / foraging	GP, BC, LJ, SLB
black-throated sparrow <i>Amphispiza bilineata</i>	grasslands / foraging	GP, BC, LJ, SLB
sage sparrow <i>Amphispiza belli</i>	shrublands / foraging	GP, BC, LJ, SLB
lark bunting <i>Calamospiza melanocorys</i>	grasslands, agricultural lands / foraging	GP, BC, LJ, SLB
savannah sparrow <i>Passerculus sandwichensis</i>	wetlands, grasslands, dunes, agricultural lands / nesting, foraging	GP, BC, LJ, SLB
grasshopper sparrow <i>Ammodramus savannarum</i>	grasslands, agricultural lands / foraging	GP, BC, LJ, SLB
fox sparrow <i>Passerella iliaca</i>	forests, woodlands, shrublands, grasslands, riparian / foraging	TM, GP, BC, LJ, SLB
song sparrow <i>Melospiza melodia</i>	wetlands, riparian, agricultural lands / nesting, foraging	GP, BC, LJ, SLB
Lincoln's sparrow <i>Melospiza lincolni</i>	wetlands, riparian, woodlands, agricultural lands / foraging	GP, BC, LJ, SLB
white-throated sparrow <i>Zonotrichia albicollis</i>	forests, wetlands / foraging	TM, GP, BC, LJ, SLB
white-crowned sparrow <i>Zonotrichia leucophrys</i>	shrublands, agricultural lands / nesting, foraging	BC, LJ, SLB
Harris' sparrow <i>Zonotrichia querula</i>	forests, woodlands / foraging	TM, GP, BC, LJ, SLB

**Table D-1. Migratory Bird Species Known to Occur On Or Near
Proposed Federal and State Exchange Lands**

Common Name / Scientific Name	Habitat / Use	Exchange Parcels Potentially Occupied
dark-eyed junco <i>Junco hyemalis</i>	forests, woodlands, riparian / foraging	TM, GP, BC, LJ, SLB
black-headed grosbeak <i>Pheucticus melanocephalus</i>	quaking aspen forests, riparian, woodlands, shrublands / foraging	GP, LJ
blue grosbeak <i>Guiraca caerulea</i>	riparian, woodland, agricultural lands / foraging	TM, GP, BC, LJ, SLB
bobolink <i>Dolichonyx oryzivorus</i>	grasslands, wetlands, agricultural lands / foraging	GP, BC, LJ, SLB
western meadowlark <i>Sturnella neglecta</i>	grasslands, dunes / nesting, foraging	TM, GP, BC, LJ, SLB
red-winged blackbird <i>Agelaius phoeniceus</i>	wetlands, agricultural lands / nesting, foraging	SLB
yellow-headed blackbird <i>Xanthocephalus xanthocephalus</i>	wetlands, agricultural lands / nesting, foraging	SLB
Brewer's blackbird <i>Euphagus cyanocephalus</i>	wetlands, agricultural lands / nesting, foraging	SLB
great-tailed grackle <i>Quiscalus mexicanus</i>	open water, wetlands, riparian, agricultural lands / foraging	SLB
brown-headed cowbird <i>Molothrus ater</i>	riparian woodlands, upland woodlands and forests, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
Bullock's oriole <i>Icterus bullockii</i>	riparian woodlands, agricultural lands / nesting, foraging	SLB
northern oriole <i>Icterus galbula</i>	riparian woodlands, agricultural lands / nesting, foraging	SLB
gray-crowned rosy-finch <i>Leucosticte tephrocotis</i>	woodlands, agricultural lands / foraging	TM, GP, BC, LJ, SLB
finch <i>Carpodacus cassinii</i>	forests / foraging	TM, GP, BC, LJ, SLB
house finch <i>Carpodacus mexicanus</i>	woodlands, agricultural lands / nesting, foraging	TM, GP, BC, LJ, SLB
pine siskin <i>Carduelis pinus</i>	forests / foraging	TM, GP, BC, LJ, SLB
lesser goldfinch <i>Carduelis psaltria</i>	woodlands, agricultural lands / foraging	BC, LJ, SLB
American goldfinch <i>Carduelis tristis</i>	wetlands, riparian / nesting, foraging	SLB

Source: SPMA 1989, USFWS 2003

THIS PAGE INTENTIONALLY LEFT BLANK